Exhibit 4

Exhibit No. 4

APPENDIX A

Map of Pipelines and Supply Basins

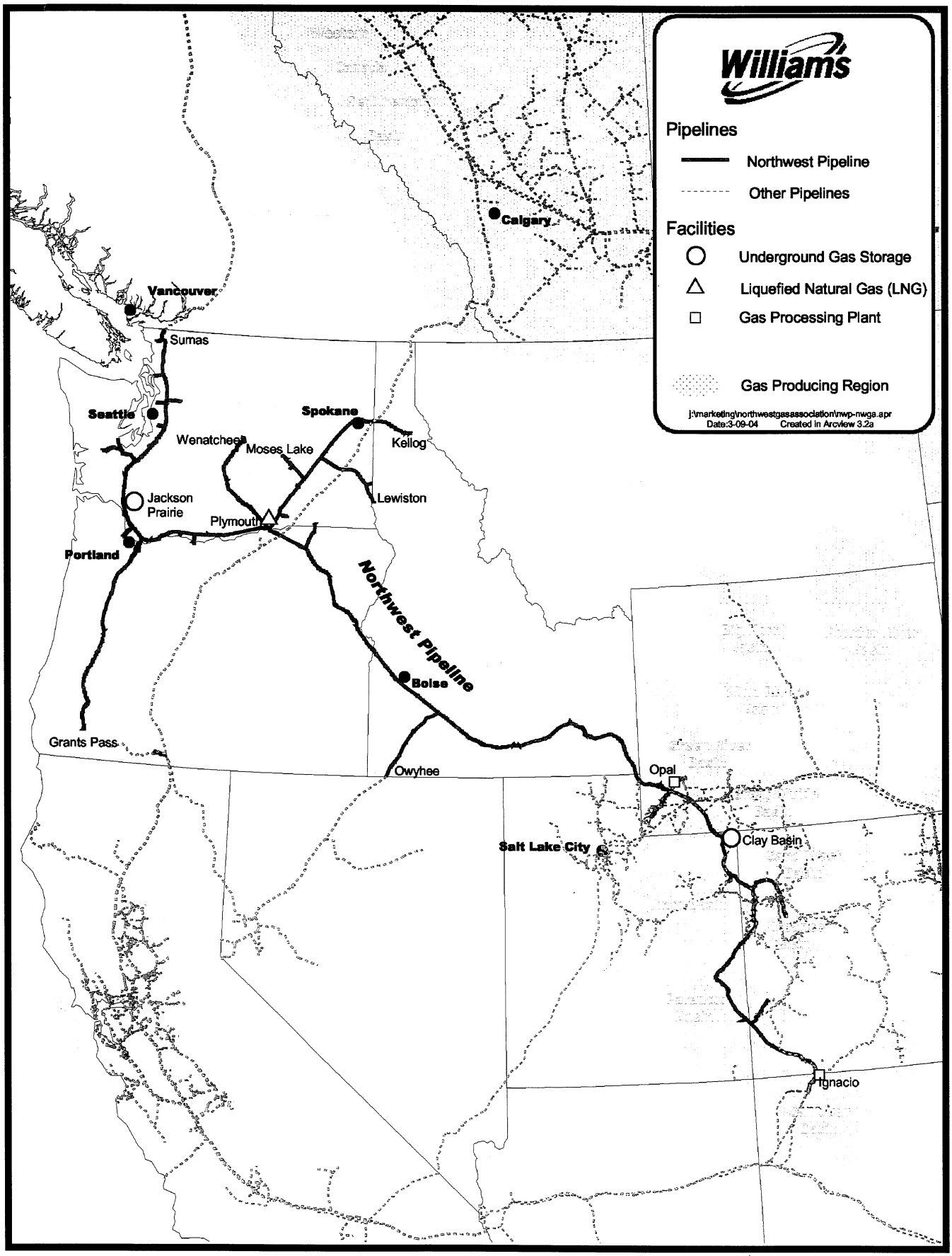
Williams
Pipelines
Northwest Pipeline
Other Pipelines
Facilities
Underground Gas Storage
Liquefied Natural Gas (LNG)
Gas Processing Plant
Gas Producing Region
j:\marketing\northwestgasassociation\nwp-nwga.apr
Date:3-09-04 Created in Arcview 3.2a
Calgary
Vancouver
Sumas
Seattle
Spokane
Wenatchee
Moses Lake
Kellog
Lewiston
Jackson Prairie
Plymouth
Portland
Northwest Pipeline
Boise
Grants Pass
Owyhee
Opal
Clay Basin
Salt Lake City
Ignacio

Exhibit No. 4

APPENDIX A

TABLE 4.1

Congressional Acts and FERC Orders

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Summary of Significant Congressional and/or FERC Actions
Impacting the Natural Gas Industry

Year	Action	Description
1935	Federal Power Act	FPC granted authority to regulate interstate transmission and sale of electricity
1938	Natural Gas Act	Federal regulation of interstate pipelines instituted
1954	Phillips Case	Led to federal regulation of producer prices by FPC
1978	Natural Gas Policy Act	Phased deregulation of wellhead natural gas prices
1983	FERC Order No. 318	Short-term, self implementing transportation
1984	FERC Order No. 380	Frees most pipeline customers from pipeline merchants; eliminates fixed minimum bills
1985	FERC Order No. 436	Optional open-access
1986	FERC Order No. 451	Continuation of price decontrol
1987	FERC Order No. 500	Pipelines to absorb up to 50% of take-or-pay costs; pass-through of balance to customers
1988	FERC Order No. 497	Affiliate discounts and rules
1989	Natural Gas Decontrol Act	Completion of wellhead price deregulation
1990	Clean Air Act	Enhances opportunities to boost gas demand for natural gas
1991	FERC Mega-NOPR	Prelude to Order 636 (see below)
1992	Energy Policy Act	Addressed energy efficiency, alternate fuels and Integrated Resource Planning
1992	FERC Order No. 636	Unbundled sales and transport; SFV rate design; transition costs; capacity release; shipper balancing; OFO's; Electronic bulletin boards
1993	Implementation of 636	Northwest pipeline implements FERC Order No. 636
1999	FERC Order No. 637	Regulation of short-term and interstate natural gas transportation services (segmentation, penalties, capacity release)
2003	FERC Order No. 644	Code of conduct for jurisdictional sellers (reporting requirements)
2003	FERC Order No. 2004	Standards of conduct for transmission providers and natural gas pipelines (affiliate transactions, etc.)

Exhibit No. 4

APPENDIX A

CHART 4.1

Historical Spot Prices

INTERMOUNTAIN GAS COMPANY
2005-09 IRP - Northwest Monthly Index Close Prices

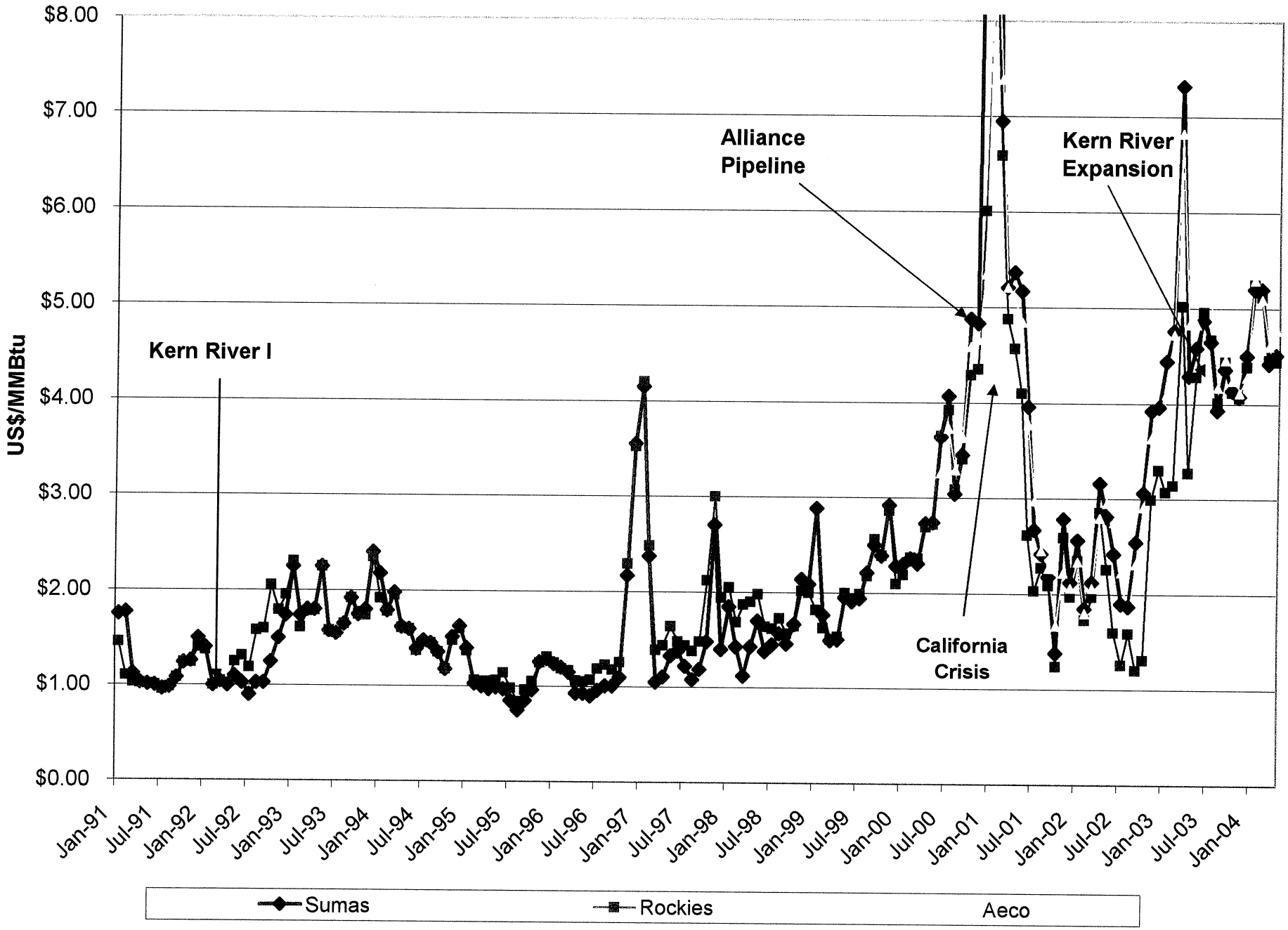

Exhibit 5

Exhibit No. 5

DIAGRAM 5.1

Arc and Node Representation

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Arc and Node Representation

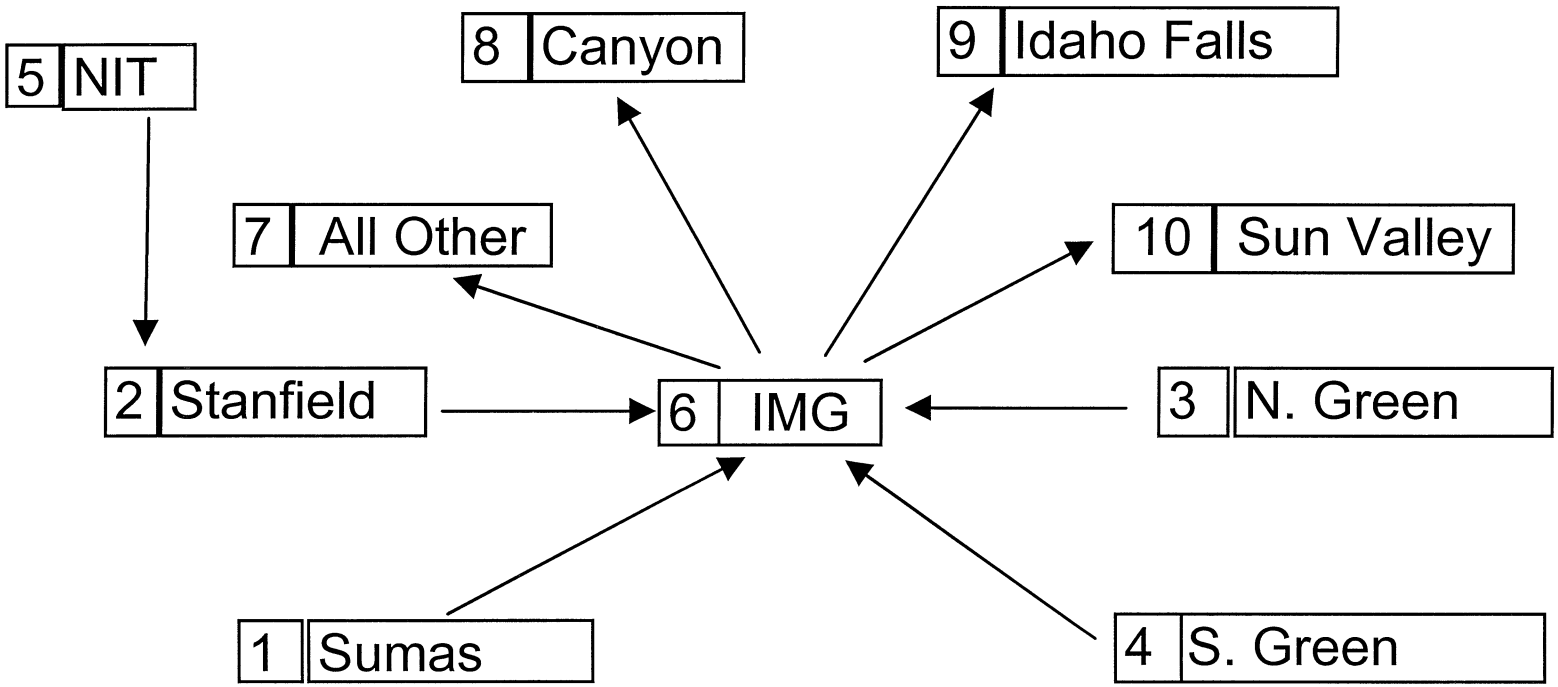

Exhibit No. 5

DIAGRAM 5.2

Arc and Node Definition

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Arc and Node Definition

	Area/Node From		Area/Node To	
ARC #	Name	Area #	To	Area #
1	Sumas	1	IMG	6
2	Stanfield	2	IMG	6
3	N. Green	3	IMG	6
4	S. Green	4	IMG	6
5	NIT	5	Stanfield	2
6	IMG	6	Boise	7
7	IMG	6	Canyon	8
8	IMG	6	Idaho Falls	9
9	IMG	6	Sun Valley	10

Exhibit No. 5

TABLE 5.1

Aggregation of Calendar Days into Model Periods

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Aggregation of Annual Days into 12 periods

Year	Year #	Period	# of Days	cumul days	mapping
FY05	1	1	1	1	Jan 1
FY05	1	2	1	2	Jan 2
FY05	1	3	2	4	Jan 3 - 4
FY05	1	4	5	9	Jan 5 - 9
FY05	1	5	8	17	Jan 10 - 17
FY05	1	6	14	31	Jan 18 -31
FY05	1	7	31	62	ave feb/dec
FY05	1	8	28	90	ave feb/dec
FY05	1	9	61	151	Ave mar/nov
FY05	1	10	61	212	Ave apr/oct
FY05	1	11	61	273	Ave may/sep
FY05	1	12	92	365	Ave june/july/aug
FY06	2	1	1	1	Jan 1
FY06	2	2	1	2	Jan 2
FY06	2	3	2	4	Jan 3 - 4
FY06	2	4	5	9	Jan 5 - 9
FY06	2	5	8	17	Jan 10 - 17
FY06	2	6	14	31	Jan 18 -31
FY06	2	7	31	62	ave feb/dec
FY06	2	8	28	90	ave feb/dec
FY06	2	9	61	151	Ave mar/nov
FY06	2	10	61	212	Ave apr/oct
FY06	2	11	61	273	Ave may/sep
FY06	2	12	92	365	Ave june/july/aug

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Aggregation of Annual Days into 12 periods

Year	Year #	Period	# of Days	cumul days	mapping
FY07	3	1	1	1	Jan 1
FY07	3	2	1	2	Jan 2
FY07	3	3	2	4	Jan 3 - 4
FY07	3	4	5	9	Jan 5 - 9
FY07	3	5	8	17	Jan 10 - 17
FY07	3	6	14	31	Jan 18 -31
FY07	3	7	31	62	ave feb/dec
FY07	3	8	28	90	ave feb/dec
FY07	3	9	61	151	Ave mar/nov
FY07	3	10	61	212	Ave apr/oct
FY07	3	11	61	273	Ave may/sep
FY07	3	12	92	365	Ave june/july/aug
FY08	4	1	1	1	Jan 1
FY08	4	2	1	2	Jan 2
FY08	4	3	2	4	Jan 3 - 4
FY08	4	4	5	9	Jan 5 - 9
FY08	4	5	8	17	Jan 10 - 17
FY08	4	6	14	31	Jan 18 -31
FY08	4	7	31	62	ave feb/dec
FY08	4	8	28	90	ave feb/dec
FY08	4	9	61	151	Ave mar/nov
FY08	4	10	61	212	Ave apr/oct
FY08	4	11	61	273	Ave may/sep
FY08	4	12	92	365	Ave june/july/aug

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Aggregation of Annual Days into 12 periods

Year	Year #	Period	# of Days	cumul days	mapping
FY09	5	1	1	1	Jan 1
FY09	5	2	1	2	Jan 2
FY09	5	3	2	4	Jan 3 - 4
FY09	5	4	5	9	Jan 5 - 9
FY09	5	5	8	17	Jan 10 - 17
FY09	5	6	14	31	Jan 18 -31
FY09	5	7	31	62	ave feb/dec
FY09	5	8	28	90	ave feb/dec
FY09	5	9	61	151	Ave mar/nov
FY09	5	10	61	212	Ave apr/oct
FY09	5	11	61	273	Ave may/sep
FY09	5	12	92	365	Ave june/july/aug

Exhibit No. 5

TABLE 5.2

Projected Natural Gas Prices by Basin

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Projected Natural Gas Prices
US Dollars/MMBtu

Futures Prices as of the Close of Business January 7, 2003

Nymex		Sumas		Rockies		Aeco	
		Basis	Price	Basis	Price	Basis	Price
$5.383	Oct-04	($0.660)	$4.723	($0.700)	$4.683	($0.670)	$4.713
$5.558	Nov-04	($0.400)	$5.158	($0.630)	$4.928	($0.620)	$4.938
$5.723	Dec-04	($0.400)	$5.323	($0.630)	$5.093	($0.620)	$5.103
$5.838	Jan-05	($0.400)	$5.438	($0.630)	$5.208	($0.620)	$5.218
$5.793	Feb-05	($0.400)	$5.393	($0.630)	$5.163	($0.620)	$5.173
$5.573	Mar-05	($0.400)	$5.173	($0.630)	$4.943	($0.620)	$4.953
$4.918	Apr-05	($0.640)	$4.278	($0.730)	$4.188	($0.700)	$4.218
$4.798	May-05	($0.640)	$4.158	($0.730)	$4.068	($0.700)	$4.098
$4.808	Jun-05	($0.640)	$4.168	($0.730)	$4.078	($0.700)	$4.108
$4.838	Jul-05	($0.640)	$4.198	($0.730)	$4.108	($0.700)	$4.138
$4.855	Aug-05	($0.640)	$4.215	($0.730)	$4.125	($0.700)	$4.155
$4.843	Sep-05	($0.640)	$4.203	($0.730)	$4.113	($0.700)	$4.143
$4.878	Oct-05	($0.640)	$4.238	($0.730)	$4.148	($0.700)	$4.178
$5.053	Nov-05	($0.300)	$4.753	($0.580)	$4.473	($0.670)	$4.383
$5.228	Dec-05	($0.300)	$4.928	($0.580)	$4.648	($0.670)	$4.558
$5.323	Jan-06	($0.300)	$5.023	($0.580)	$4.743	($0.670)	$4.653
$5.283	Feb-06	($0.300)	$4.983	($0.580)	$4.703	($0.670)	$4.613
$5.118	Mar-06	($0.300)	$4.818	($0.580)	$4.538	($0.670)	$4.448
$4.668	Apr-06	($0.640)	$4.028	($0.610)	$4.058	($0.730)	$3.938
$4.568	May-06	($0.640)	$3.928	($0.610)	$3.958	($0.730)	$3.838
$4.563	Jun-06	($0.640)	$3.923	($0.610)	$3.953	($0.730)	$3.833
$4.563	Jul-06	($0.640)	$3.923	($0.610)	$3.953	($0.730)	$3.833
$4.566	Aug-06	($0.640)	$3.926	($0.610)	$3.956	($0.730)	$3.836
$4.566	Sep-06	($0.640)	$3.926	($0.610)	$3.956	($0.730)	$3.836

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Projected Natural Gas Prices
US Dollars/MMBtu

Futures Prices as of the Close of Business January 7, 2003

Nymex		Sumas		Rockies		Aeco	
		Basis	Price	Basis	Price	Basis	Price
$4.593	Oct-06	($0.640)	$3.953	($0.610)	$3.983	($0.730)	$3.863
$4.778	Nov-06	($0.250)	$4.528	($0.550)	$4.228	($0.670)	$4.108
$4.963	Dec-06	($0.250)	$4.713	($0.550)	$4.413	($0.670)	$4.293
$5.088	Jan-07	($0.250)	$4.838	($0.550)	$4.538	($0.670)	$4.418
$5.048	Feb-07	($0.250)	$4.798	($0.550)	$4.498	($0.670)	$4.378
$4.868	Mar-07	($0.250)	$4.618	($0.550)	$4.318	($0.670)	$4.198
$4.508	Apr-07	($0.620)	$3.888	($0.690)	$3.818	($0.730)	$3.778
$4.473	May-07	($0.620)	$3.853	($0.690)	$3.783	($0.730)	$3.743
$4.478	Jun-07	($0.620)	$3.858	($0.690)	$3.788	($0.730)	$3.748
$4.488	Jul-07	($0.620)	$3.868	($0.690)	$3.798	($0.730)	$3.758
$4.498	Aug-07	($0.620)	$3.878	($0.690)	$3.808	($0.730)	$3.768
$4.481	Sep-07	($0.620)	$3.861	($0.690)	$3.791	($0.730)	$3.751
$4.511	Oct-07	($0.620)	$3.891	($0.690)	$3.821	($0.730)	$3.781
$4.681	Nov-07	($0.200)	$4.481	($0.530)	$4.151	($0.670)	$4.011
$4.861	Dec-07	($0.200)	$4.661	($0.530)	$4.331	($0.670)	$4.191
$4.956	Jan-08	($0.200)	$4.756	($0.530)	$4.426	($0.670)	$4.286
$4.896	Feb-08	($0.200)	$4.696	($0.530)	$4.366	($0.670)	$4.226
$4.741	Mar-08	($0.200)	$4.541	($0.530)	$4.211	($0.670)	$4.071
$4.441	Apr-08	($0.600)	$3.841	($0.600)	$3.841	($0.720)	$3.721
$4.441	May-08	($0.600)	$3.841	($0.600)	$3.841	($0.720)	$3.721
$4.441	Jun-08	($0.600)	$3.841	($0.600)	$3.841	($0.720)	$3.721
$4.471	Jul-08	($0.600)	$3.871	($0.600)	$3.871	($0.720)	$3.751
$4.501	Aug-08	($0.600)	$3.901	($0.600)	$3.901	($0.720)	$3.781
$4.511	Sep-08	($0.600)	$3.911	($0.600)	$3.911	($0.720)	$3.791

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Projected Natural Gas Prices
US Dollars/MMBtu

Futures Prices as of the Close of Business January 7, 2003

Nymex		Sumas		Rockies		Aeco	
		Basis	Price	Basis	Price	Basis	Price
$4.501	Oct-08	($0.600)	$3.901	($0.600)	$3.901	($0.720)	$3.781
$4.601	Nov-08	($0.180)	$4.421	($0.530)	$4.071	($0.660)	$3.941
$4.721	Dec-08	($0.180)	$4.541	($0.530)	$4.191	($0.660)	$4.061
$4.956	Jan-09	($0.180)	$4.776	($0.530)	$4.426	($0.660)	$4.296
$4.896	Feb-09	($0.180)	$4.716	($0.530)	$4.366	($0.660)	$4.236
$4.741	Mar-09	($0.180)	$4.561	($0.530)	$4.211	($0.660)	$4.081
$4.441	Apr-09	($0.580)	$3.861	($0.580)	$3.861	($0.700)	$3.741
$4.441	May-09	($0.580)	$3.861	($0.580)	$3.861	($0.700)	$3.741
$4.441	Jun-09	($0.580)	$3.861	($0.580)	$3.861	($0.700)	$3.741
$4.471	Jul-09	($0.580)	$3.891	($0.580)	$3.891	($0.700)	$3.771
$4.501	Aug-09	($0.580)	$3.921	($0.580)	$3.921	($0.700)	$3.801
$4.511	Sep-09	($0.580)	$3.931	($0.580)	$3.931	($0.700)	$3.811

Exhibit No. 5

TABLE 5.3

Pricing for Supply Inputs

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

Each resource is priced at the applicable basin index plus/minus premiu

				1	2	3	4	5	6
				Term	Term	Term	Term	Term	Term
				Sumas-1	Alberta-1	Alberta-2	Stanfield -1	N Grn Rvr-1	N Grn Rvr-2
				EGP-SU-1	EGP-AL-1	EGP-AL-2	EGP-ST-1	EGP-NG-1	EGP-NG-2
				Sumas	NIT	NIT	Stanfield	N. Green	N. Green
	Sumas	Rockies	Aeco	$0.040	$0.010	$0.211	$0.040	$0.020	**$0.020**
Oct-04	$4.723	$4.683	$4.713	4.763	4.723	4.924	4.763	4.703	4.703
Nov-04	$5.158	$4.928	$4.938	5.198	4.948	5.149	5.198	4.948	4.948
Dec-04	$5.323	$5.093	$5.103	5.363	5.113	5.314	5.363	5.113	5.113
Jan-05	$5.438	$5.208	$5.218	5.478	5.228	5.429	5.478	5.228	5.228
Feb-05	$5.393	$5.163	$5.173	5.433	5.183	5.384	5.433	5.183	5.183
Mar-05	$5.173	$4.943	$4.953	5.213	4.963	5.164	5.213	4.963	4.963
Apr-05	$4.278	$4.188	$4.218	4.318	4.228	4.429	4.318	4.208	4.208
May-05	$4.158	$4.068	$4.098	4.198	4.108	4.309	4.198	4.088	4.088
Jun-05	$4.168	$4.078	$4.108	4.208	4.118	4.319	4.208	4.098	4.098
Jul-05	$4.198	$4.108	$4.138	4.238	4.148	4.349	4.238	4.128	4.128
Aug-05	$4.215	$4.125	$4.155	4.255	4.165	4.366	4.255	4.145	4.145
Sep-05	$4.203	$4.113	$4.143	4.243	4.153	4.354	4.243	4.133	4.133
Oct-05	$4.238	$4.148	$4.178	4.278	4.188	4.389	4.278	4.168	4.168
Nov-05	$4.753	$4.473	$4.383	4.793	4.393	4.594	4.793	4.493	4.493
Dec-05	$4.928	$4.648	$4.558	4.968	4.568	4.769	4.968	4.668	4.668
Jan-06	$5.023	$4.743	$4.653	5.063	4.663	4.864	5.063	4.763	4.763
Feb-06	$4.983	$4.703	$4.613	5.023	4.623	4.824	5.023	4.723	4.723
Mar-06	$4.818	$4.538	$4.448	4.858	4.458	4.659	4.858	4.558	4.558
Apr-06	$4.028	$4.058	$3.938	4.068	3.948	4.149	4.068	4.078	4.078
May-06	$3.928	$3.958	$3.838	3.968	3.848	4.049	3.968	3.978	3.978
Jun-06	$3.923	$3.953	$3.833	3.963	3.843	4.044	3.963	3.973	3.973
Jul-06	$3.923	$3.953	$3.833	3.963	3.843	4.044	3.963	3.973	3.973
Aug-06	$3.926	$3.956	$3.836	3.966	3.846	4.047	3.966	3.976	3.976
Sep-06	$3.926	$3.956	$3.836	3.966	3.846	4.047	3.966	3.976	3.976
Oct-06	$3.953	$3.983	$3.863	3.993	3.873	4.074	3.993	4.003	4.003
Nov-06	$4.528	$4.228	$4.108	4.568	4.118	4.319	4.568	4.248	4.248
Dec-06	$4.713	$4.413	$4.293	4.753	4.303	4.504	4.753	4.433	4.433
Jan-07	$4.838	$4.538	$4.418	4.878	4.428	4.629	4.878	4.558	4.558
Feb-07	$4.798	$4.498	$4.378	4.838	4.388	4.589	4.838	4.518	4.518
Mar-07	$4.618	$4.318	$4.198	4.658	4.208	4.409	4.658	4.338	4.338
Apr-07	$3.888	$3.818	$3.778	3.928	3.788	3.989	3.928	3.838	3.838
May-07	$3.853	$3.783	$3.743	3.893	3.753	3.954	3.893	3.803	3.803
Jun-07	$3.858	$3.788	$3.748	3.898	3.758	3.959	3.898	3.808	3.808
Jul-07	$3.868	$3.798	$3.758	3.908	3.768	3.969	3.908	3.818	3.818
Aug-07	$3.878	$3.808	$3.768	3.918	3.778	3.979	3.918	3.828	3.828
Sep-07	$3.861	$3.791	$3.751	3.901	3.761	3.962	3.901	3.811	3.811
Oct-07	$3.891	$3.821	$3.781	3.931	3.791	3.992	3.931	3.841	3.841
Nov-07	$4.481	$4.151	$4.011	4.521	4.021	4.222	4.521	4.171	4.171
Dec-07	$4.661	$4.331	$4.191	4.701	4.201	4.402	4.701	4.351	4.351
Jan-08	$4.756	$4.426	$4.286	4.796	4.296	4.497	4.796	4.446	4.446
Feb-08	$4.696	$4.366	$4.226	4.736	4.236	4.437	4.736	4.386	4.386

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

Each resource is priced at the applicable basin index plus/minus premiu

				1	2	3	4	5	6
				Term	Term	Term	Term	Term	Term
				Sumas-1	Alberta-1	Alberta-2	Stanfield -1	N Grn Rvr-1	N Grn Rvr-2
				EGP-SU-1	EGP-AL-1	EGP-AL-2	EGP-ST-1	EGP-NG-1	EGP-NG-2
				Sumas	NIT	NIT	Stanfield	N. Green	N. Green
	Sumas	Rockies	Aeco	$0.040	$0.010	$0.211	$0.040	$0.020	**$0.020**
Mar-08	$4.541	$4.211	$4.071	4.581	4.081	4.282	4.581	4.231	4.231
Apr-08	$3.841	$3.841	$3.721	3.881	3.731	3.932	3.881	3.861	3.861
May-08	$3.841	$3.841	$3.721	3.881	3.731	3.932	3.881	3.861	3.861
Jun-08	$3.841	$3.841	$3.721	3.881	3.731	3.932	3.881	3.861	3.861
Jul-08	$3.871	$3.871	$3.751	3.911	3.761	3.962	3.911	3.891	3.891
Aug-08	$3.901	$3.901	$3.781	3.941	3.791	3.992	3.941	3.921	3.921
Sep-08	$3.911	$3.911	$3.791	3.951	3.801	4.002	3.951	3.931	3.931
Oct-08	$3.901	$3.901	$3.781	3.941	3.791	3.992	3.941	3.921	3.921
Nov-08	$4.421	$4.071	$3.941	4.461	3.951	4.152	4.461	4.091	4.091
Dec-08	$4.541	$4.191	$4.061	4.581	4.071	4.272	4.581	4.211	4.211
Jan-09	$4.776	$4.426	$4.296	4.816	4.306	4.507	4.816	4.446	4.446
Feb-09	$4.716	$4.366	$4.236	4.756	4.246	4.447	4.756	4.386	4.386
Mar-09	$4.561	$4.211	$4.081	4.601	4.091	4.292	4.601	4.231	4.231
Apr-09	$3.861	$3.861	$3.741	3.901	3.751	3.952	3.901	3.881	3.881
May-09	$3.861	$3.861	$3.741	3.901	3.751	3.952	3.901	3.881	3.881
Jun-09	$3.861	$3.861	$3.741	3.901	3.751	3.952	3.901	3.881	3.881
Jul-09	$3.891	$3.891	$3.771	3.931	3.781	3.982	3.931	3.911	3.911
Aug-09	$3.921	$3.921	$3.801	3.961	3.811	4.012	3.961	3.941	3.941
Sep-09	$3.931	$3.931	$3.811	3.971	3.821	4.022	3.971	3.951	3.951

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

				ım or factor					
				7	8	9	10	11
				Term	Term	Term	Term	Term
				S Grn Rvr-1	S Grn Rvr-2	S Grn Rvr-3	Citygate	Citygate
				EGP-SG-1	EGP-SG-2	EGP-SG-3	EGP-CG-1	EGP-CG-2
				S. Green	S. Green	S. Green	IMG	IMG
	Sumas	Rockies	Aeco	$0.020	$0.010	$0.020	$0.100	$0.000
Oct-04	$4.723	$4.683	$4.713	4.703	4.693	4.703	4.823	4.713
Nov-04	$5.158	$4.928	$4.938	4.948	4.938	4.948	5.258	4.938
Dec-04	$5.323	$5.093	$5.103	5.113	5.103	5.113	5.423	5.103
Jan-05	$5.438	$5.208	$5.218	5.228	5.218	5.228	5.538	5.218
Feb-05	$5.393	$5.163	$5.173	5.183	5.173	5.183	5.493	5.173
Mar-05	$5.173	$4.943	$4.953	4.963	4.953	4.963	5.273	4.953
Apr-05	$4.278	$4.188	$4.218	4.208	4.198	4.208	4.378	4.218
May-05	$4.158	$4.068	$4.098	4.088	4.078	4.088	4.258	4.098
Jun-05	$4.168	$4.078	$4.108	4.098	4.088	4.098	4.268	4.108
Jul-05	$4.198	$4.108	$4.138	4.128	4.118	4.128	4.298	4.138
Aug-05	$4.215	$4.125	$4.155	4.145	4.135	4.145	4.315	4.155
Sep-05	$4.203	$4.113	$4.143	4.133	4.123	4.133	4.303	4.143
Oct-05	$4.238	$4.148	$4.178	4.168	4.158	4.168	4.338	4.178
Nov-05	$4.753	$4.473	$4.383	4.493	4.483	4.493	4.853	4.383
Dec-05	$4.928	$4.648	$4.558	4.668	4.658	4.668	5.028	4.558
Jan-06	$5.023	$4.743	$4.653	4.763	4.753	4.763	5.123	4.653
Feb-06	$4.983	$4.703	$4.613	4.723	4.713	4.723	5.083	4.613
Mar-06	$4.818	$4.538	$4.448	4.558	4.548	4.558	4.918	4.448
Apr-06	$4.028	$4.058	$3.938	4.078	4.068	4.078	4.128	3.938
May-06	$3.928	$3.958	$3.838	3.978	3.968	3.978	4.028	3.838
Jun-06	$3.923	$3.953	$3.833	3.973	3.963	3.973	4.023	3.833
Jul-06	$3.923	$3.953	$3.833	3.973	3.963	3.973	4.023	3.833
Aug-06	$3.926	$3.956	$3.836	3.976	3.966	3.976	4.026	3.836
Sep-06	$3.926	$3.956	$3.836	3.976	3.966	3.976	4.026	3.836
Oct-06	$3.953	$3.983	$3.863	4.003	3.993	4.003	4.053	3.863
Nov-06	$4.528	$4.228	$4.108	4.248	4.238	4.248	4.628	4.108
Dec-06	$4.713	$4.413	$4.293	4.433	4.423	4.433	4.813	4.293
Jan-07	$4.838	$4.538	$4.418	4.558	4.548	4.558	4.938	4.418
Feb-07	$4.798	$4.498	$4.378	4.518	4.508	4.518	4.898	4.378
Mar-07	$4.618	$4.318	$4.198	4.338	4.328	4.338	4.718	4.198
Apr-07	$3.888	$3.818	$3.778	3.838	3.828	3.838	3.988	3.778
May-07	$3.853	$3.783	$3.743	3.803	3.793	3.803	3.953	3.743
Jun-07	$3.858	$3.788	$3.748	3.808	3.798	3.808	3.958	3.748
Jul-07	$3.868	$3.798	$3.758	3.818	3.808	3.818	3.968	3.758
Aug-07	$3.878	$3.808	$3.768	3.828	3.818	3.828	3.978	3.768
Sep-07	$3.861	$3.791	$3.751	3.811	3.801	3.811	3.961	3.751
Oct-07	$3.891	$3.821	$3.781	3.841	3.831	3.841	3.991	3.781
Nov-07	$4.481	$4.151	$4.011	4.171	4.161	4.171	4.581	4.011
Dec-07	$4.661	$4.331	$4.191	4.351	4.341	4.351	4.761	4.191
Jan-08	$4.756	$4.426	$4.286	4.446	4.436	4.446	4.856	4.286
Feb-08	$4.696	$4.366	$4.226	4.386	4.376	4.386	4.796	4.226

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

ım or factor

				7	8	9	10	11
				Term	Term	Term	Term	Term
				S Grn Rvr-1	S Grn Rvr-2	S Grn Rvr-3	Citygate	Citygate
				EGP-SG-1	EGP-SG-2	EGP-SG-3	EGP-CG-1	EGP-CG-2
				S. Green	S. Green	S. Green	IMG	IMG
	Sumas	Rockies	Aeco	$0.020	$0.010	$0.020	$0.100	$0.000
Mar-08	$4.541	$4.211	$4.071	4.231	4.221	4.231	4.641	4.071
Apr-08	$3.841	$3.841	$3.721	3.861	3.851	3.861	3.941	3.721
May-08	$3.841	$3.841	$3.721	3.861	3.851	3.861	3.941	3.721
Jun-08	$3.841	$3.841	$3.721	3.861	3.851	3.861	3.941	3.721
Jul-08	$3.871	$3.871	$3.751	3.891	3.881	3.891	3.971	3.751
Aug-08	$3.901	$3.901	$3.781	3.921	3.911	3.921	4.001	3.781
Sep-08	$3.911	$3.911	$3.791	3.931	3.921	3.931	4.011	3.791
Oct-08	$3.901	$3.901	$3.781	3.921	3.911	3.921	4.001	3.781
Nov-08	$4.421	$4.071	$3.941	4.091	4.081	4.091	4.521	3.941
Dec-08	$4.541	$4.191	$4.061	4.211	4.201	4.211	4.641	4.061
Jan-09	$4.776	$4.426	$4.296	4.446	4.436	4.446	4.876	4.296
Feb-09	$4.716	$4.366	$4.236	4.386	4.376	4.386	4.816	4.236
Mar-09	$4.561	$4.211	$4.081	4.231	4.221	4.231	4.661	4.081
Apr-09	$3.861	$3.861	$3.741	3.881	3.871	3.881	3.961	3.741
May-09	$3.861	$3.861	$3.741	3.881	3.871	3.881	3.961	3.741
Jun-09	$3.861	$3.861	$3.741	3.881	3.871	3.881	3.961	3.741
Jul-09	$3.891	$3.891	$3.771	3.911	3.901	3.911	3.991	3.771
Aug-09	$3.921	$3.921	$3.801	3.941	3.931	3.941	4.021	3.801
Sep-09	$3.931	$3.931	$3.811	3.951	3.941	3.951	4.031	3.811

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

				12	13	14	15	16	17	18
				Storage	Storage	Storage	Storage	Storage	Storage	New Term
				1	2	3	4	5	6	Sumas
				ST-1	ST-2	ST-3	ST-4	ST-5	EST-6	FGP-SU1
				NIT	Boise	Stanfield	Stanfield	Stanfield	S. Green	Sumas
	Sumas	Rockies	Aeco	1.039%	$0.000	1.039%	1.039%	$0.000	1.039%	$0.040
Oct-04	$4.723	$4.683	$4.713	4.757	4.706	4.780	4.780	4.713	4.795	4.763
Nov-04	$5.158	$4.928	$4.938	4.757	4.938	4.780	4.780	4.938	4.795	5.198
Dec-04	$5.323	$5.093	$5.103	4.757	5.103	4.780	4.780	5.103	4.795	5.363
Jan-05	$5.438	$5.208	$5.218	4.757	5.218	4.780	4.780	5.218	4.795	5.478
Feb-05	$5.393	$5.163	$5.173	4.757	5.173	4.780	4.780	5.173	4.795	5.433
Mar-05	$5.173	$4.943	$4.953	4.757	4.953	4.780	4.780	4.953	4.795	5.213
Apr-05	$4.278	$4.188	$4.218	0.000	4.218	0.000	0.000	4.218	0.000	4.318
May-05	$4.158	$4.068	$4.098	0.000	4.098	0.000	0.000	4.098	0.000	4.198
Jun-05	$4.168	$4.078	$4.108	0.000	4.108	0.000	0.000	4.108	0.000	4.208
Jul-05	$4.198	$4.108	$4.138	0.000	4.138	0.000	0.000	4.138	0.000	4.238
Aug-05	$4.215	$4.125	$4.155	0.000	4.155	0.000	0.000	4.155	0.000	4.255
Sep-05	$4.203	$4.113	$4.143	0.000	4.143	0.000	0.000	4.143	0.000	4.243
Oct-05	$4.238	$4.148	$4.178	4.191	4.178	4.252	4.252	4.178	4.161	4.278
Nov-05	$4.753	$4.473	$4.383	4.191	4.383	4.252	4.252	4.383	4.161	4.793
Dec-05	$4.928	$4.648	$4.558	4.191	4.558	4.252	4.252	4.558	4.161	4.968
Jan-06	$5.023	$4.743	$4.653	4.191	4.653	4.252	4.252	4.653	4.161	5.063
Feb-06	$4.983	$4.703	$4.613	4.191	4.613	4.252	4.252	4.613	4.161	5.023
Mar-06	$4.818	$4.538	$4.448	4.191	4.448	4.252	4.252	4.448	4.161	4.858
Apr-06	$4.028	$4.058	$3.938	0.000	3.938	0.000	0.000	3.938	0.000	4.068
May-06	$3.928	$3.958	$3.838	0.000	3.838	0.000	0.000	3.838	0.000	3.968
Jun-06	$3.923	$3.953	$3.833	0.000	3.833	0.000	0.000	3.833	0.000	3.963
Jul-06	$3.923	$3.953	$3.833	0.000	3.833	0.000	0.000	3.833	0.000	3.963
Aug-06	$3.926	$3.956	$3.836	0.000	3.836	0.000	0.000	3.836	0.000	3.966
Sep-06	$3.926	$3.956	$3.836	0.000	3.836	0.000	0.000	3.836	0.000	3.966
Oct-06	$3.953	$3.983	$3.863	3.894	3.863	3.985	3.985	3.863	4.015	3.993
Nov-06	$4.528	$4.228	$4.108	3.894	4.108	3.985	3.985	4.108	4.015	4.568
Dec-06	$4.713	$4.413	$4.293	3.894	4.293	3.985	3.985	4.293	4.015	4.753
Jan-07	$4.838	$4.538	$4.418	3.894	4.418	3.985	3.985	4.418	4.015	4.878
Feb-07	$4.798	$4.498	$4.378	3.894	4.378	3.985	3.985	4.378	4.015	4.838
Mar-07	$4.618	$4.318	$4.198	3.894	4.198	3.985	3.985	4.198	4.015	4.658
Apr-07	$3.888	$3.818	$3.778	0.000	3.778	0.000	0.000	3.778	0.000	3.928
May-07	$3.853	$3.783	$3.743	0.000	3.743	0.000	0.000	3.743	0.000	3.893
Jun-07	$3.858	$3.788	$3.748	0.000	3.748	0.000	0.000	3.748	0.000	3.898
Jul-07	$3.868	$3.798	$3.758	0.000	3.758	0.000	0.000	3.758	0.000	3.908
Aug-07	$3.878	$3.808	$3.768	0.000	3.768	0.000	0.000	3.768	0.000	3.918
Sep-07	$3.861	$3.791	$3.751	0.000	3.751	0.000	0.000	3.751	0.000	3.901
Oct-07	$3.891	$3.821	$3.781	3.800	3.781	3.911	3.911	3.781	3.840	3.931
Nov-07	$4.481	$4.151	$4.011	3.800	4.011	3.911	3.911	4.011	3.840	4.521
Dec-07	$4.661	$4.331	$4.191	3.800	4.191	3.911	3.911	4.191	4.015	4.701
Jan-08	$4.756	$4.426	$4.286	3.800	4.286	3.911	3.911	4.286	4.015	4.796
Feb-08	$4.696	$4.366	$4.226	3.800	4.226	3.911	3.911	4.226	4.015	4.736

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

				12	13	14	15	16	17	18
				Storage	Storage	Storage	Storage	Storage	Storage	New Term
				1	2	3	4	5	6	Sumas
				ST-1	ST-2	ST-3	ST-4	ST-5	EST-6	FGP-SU1
				NIT	Boise	Stanfield	Stanfield	Stanfield	S. Green	Sumas
	Sumas	Rockies	Aeco	1.039%	$0.000	1.039%	1.039%	$0.000	1.039%	$0.040
Mar-08	$4.541	$4.211	$4.071	3.800	4.071	3.911	3.911	4.071	4.015	4.581
Apr-08	$3.841	$3.841	$3.721	0.000	3.721	0.000	0.000	3.721	0.000	3.881
May-08	$3.841	$3.841	$3.721	0.000	3.721	0.000	0.000	3.721	0.000	3.881
Jun-08	$3.841	$3.841	$3.721	0.000	3.721	0.000	0.000	3.721	0.000	3.881
Jul-08	$3.871	$3.871	$3.751	0.000	3.751	0.000	0.000	3.751	0.000	3.911
Aug-08	$3.901	$3.901	$3.781	0.000	3.781	0.000	0.000	3.781	0.000	3.941
Sep-08	$3.911	$3.911	$3.791	0.000	3.791	0.000	0.000	3.791	0.000	3.951
Oct-08	$3.901	$3.901	$3.781	3.791	3.781	3.913	3.913	3.781	3.913	3.941
Nov-08	$4.421	$4.071	$3.941	3.791	3.941	3.913	3.913	3.941	3.913	4.461
Dec-08	$4.541	$4.191	$4.061	3.791	4.061	3.913	3.913	4.061	3.913	4.581
Jan-09	$4.776	$4.426	$4.296	3.791	4.296	3.913	3.913	4.296	3.913	4.816
Feb-09	$4.716	$4.366	$4.236	3.791	4.236	3.913	3.913	4.236	3.913	4.756
Mar-09	$4.561	$4.211	$4.081	3.791	4.081	3.913	3.913	4.081	3.913	4.601
Apr-09	$3.861	$3.861	$3.741	0.000	3.741	0.000	0.000	3.741	0.000	3.901
May-09	$3.861	$3.861	$3.741	0.000	3.741	0.000	0.000	3.741	0.000	3.901
Jun-09	$3.861	$3.861	$3.741	0.000	3.741	0.000	0.000	3.741	0.000	3.901
Jul-09	$3.891	$3.891	$3.771	0.000	3.771	0.000	0.000	3.771	0.000	3.931
Aug-09	$3.921	$3.921	$3.801	0.000	3.801	0.000	0.000	3.801	0.000	3.961
Sep-09	$3.931	$3.931	$3.811	0.000	3.811	0.000	0.000	3.811	0.000	3.971

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

				19	20	21	22	23	24	25
				Peak	Winter	Summer	Fill	Peak	Winter	Summer
				Sumas	Sumas	Sumas	Stanfield	Stanfield	Stanfield	Stanfield
				PGP-SU	WGP-SU	SGP-SU	FGP-ST	PGP-ST	WGP-ST	SGP-ST
				Sumas	Sumas	Sumas	Stanfield	Stanfield	Stanfield	Stanfield
	Sumas	Rockies	Aeco	$0.120	$0.080	$0.040	$1.000	$0.150	$0.100	$0.070
Oct-04	$4.723	$4.683	$4.713	4.843	4.803	4.763	5.713	4.863	4.813	4.783
Nov-04	$5.158	$4.928	$4.938	5.278	5.238	5.198	5.938	5.088	5.038	5.008
Dec-04	$5.323	$5.093	$5.103	5.443	5.403	5.363	6.103	5.253	5.203	5.173
Jan-05	$5.438	$5.208	$5.218	5.558	5.518	5.478	6.218	5.368	5.318	5.288
Feb-05	$5.393	$5.163	$5.173	5.513	5.473	5.433	6.173	5.323	5.273	5.243
Mar-05	$5.173	$4.943	$4.953	5.293	5.253	5.213	5.953	5.103	5.053	5.023
Apr-05	$4.278	$4.188	$4.218	4.398	4.358	4.318	5.218	4.368	4.318	4.288
May-05	$4.158	$4.068	$4.098	4.278	4.238	4.198	5.098	4.248	4.198	4.168
Jun-05	$4.168	$4.078	$4.108	4.288	4.248	4.208	5.108	4.258	4.208	4.178
Jul-05	$4.198	$4.108	$4.138	4.318	4.278	4.238	5.138	4.288	4.238	4.208
Aug-05	$4.215	$4.125	$4.155	4.335	4.295	4.255	5.155	4.305	4.255	4.225
Sep-05	$4.203	$4.113	$4.143	4.323	4.283	4.243	5.143	4.293	4.243	4.213
Oct-05	$4.238	$4.148	$4.178	4.358	4.318	4.278	5.178	4.328	4.278	4.248
Nov-05	$4.753	$4.473	$4.383	4.873	4.833	4.793	5.383	4.533	4.483	4.453
Dec-05	$4.928	$4.648	$4.558	5.048	5.008	4.968	5.558	4.708	4.658	4.628
Jan-06	$5.023	$4.743	$4.653	5.143	5.103	5.063	5.653	4.803	4.753	4.723
Feb-06	$4.983	$4.703	$4.613	5.103	5.063	5.023	5.613	4.763	4.713	4.683
Mar-06	$4.818	$4.538	$4.448	4.938	4.898	4.858	5.448	4.598	4.548	4.518
Apr-06	$4.028	$4.058	$3.938	4.148	4.108	4.068	4.938	4.088	4.038	4.008
May-06	$3.928	$3.958	$3.838	4.048	4.008	3.968	4.838	3.988	3.938	3.908
Jun-06	$3.923	$3.953	$3.833	4.043	4.003	3.963	4.833	3.983	3.933	3.903
Jul-06	$3.923	$3.953	$3.833	4.043	4.003	3.963	4.833	3.983	3.933	3.903
Aug-06	$3.926	$3.956	$3.836	4.046	4.006	3.966	4.836	3.986	3.936	3.906
Sep-06	$3.926	$3.956	$3.836	4.046	4.006	3.966	4.836	3.986	3.936	3.906
Oct-06	$3.953	$3.983	$3.863	4.073	4.033	3.993	4.863	4.013	3.963	3.933
Nov-06	$4.528	$4.228	$4.108	4.648	4.608	4.568	5.108	4.258	4.208	4.178
Dec-06	$4.713	$4.413	$4.293	4.833	4.793	4.753	5.293	4.443	4.393	4.363
Jan-07	$4.838	$4.538	$4.418	4.958	4.918	4.878	5.418	4.568	4.518	4.488
Feb-07	$4.798	$4.498	$4.378	4.918	4.878	4.838	5.378	4.528	4.478	4.448
Mar-07	$4.618	$4.318	$4.198	4.738	4.698	4.658	5.198	4.348	4.298	4.268
Apr-07	$3.888	$3.818	$3.778	4.008	3.968	3.928	4.778	3.928	3.878	3.848
May-07	$3.853	$3.783	$3.743	3.973	3.933	3.893	4.743	3.893	3.843	3.813
Jun-07	$3.858	$3.788	$3.748	3.978	3.938	3.898	4.748	3.898	3.848	3.818
Jul-07	$3.868	$3.798	$3.758	3.988	3.948	3.908	4.758	3.908	3.858	3.828
Aug-07	$3.878	$3.808	$3.768	3.998	3.958	3.918	4.768	3.918	3.868	3.838
Sep-07	$3.861	$3.791	$3.751	3.981	3.941	3.901	4.751	3.901	3.851	3.821
Oct-07	$3.891	$3.821	$3.781	4.011	3.971	3.931	4.781	3.931	3.881	3.851
Nov-07	$4.481	$4.151	$4.011	4.601	4.561	4.521	5.011	4.161	4.111	4.081
Dec-07	$4.661	$4.331	$4.191	4.781	4.741	4.701	5.191	4.341	4.291	4.261
Jan-08	$4.756	$4.426	$4.286	4.876	4.836	4.796	5.286	4.436	4.386	4.356
Feb-08	$4.696	$4.366	$4.226	4.816	4.776	4.736	5.226	4.376	4.326	4.296

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

	Sumas	Rockies	Aeco	19	20	21	22	23	24	25
				Peak	Winter	Summer	Fill	Peak	Winter	Summer
				Sumas	Sumas	Sumas	Stanfield	Stanfield	Stanfield	Stanfield
				PGP-SU	WGP-SU	SGP-SU	FGP-ST	PGP-ST	WGP-ST	SGP-ST
				Sumas	Sumas	Sumas	Stanfield	Stanfield	Stanfield	Stanfield
				$0.120	$0.080	$0.040	$1.000	$0.150	$0.100	$0.070
Mar-08	$4.541	$4.211	$4.071	4.661	4.621	4.581	5.071	4.221	4.171	4.141
Apr-08	$3.841	$3.841	$3.721	3.961	3.921	3.881	4.721	3.871	3.821	3.791
May-08	$3.841	$3.841	$3.721	3.961	3.921	3.881	4.721	3.871	3.821	3.791
Jun-08	$3.841	$3.841	$3.721	3.961	3.921	3.881	4.721	3.871	3.821	3.791
Jul-08	$3.871	$3.871	$3.751	3.991	3.951	3.911	4.751	3.901	3.851	3.821
Aug-08	$3.901	$3.901	$3.781	4.021	3.981	3.941	4.781	3.931	3.881	3.851
Sep-08	$3.911	$3.911	$3.791	4.031	3.991	3.951	4.791	3.941	3.891	3.861
Oct-08	$3.901	$3.901	$3.781	4.021	3.981	3.941	4.781	3.931	3.881	3.851
Nov-08	$4.421	$4.071	$3.941	4.541	4.501	4.461	4.941	4.091	4.041	4.011
Dec-08	$4.541	$4.191	$4.061	4.661	4.621	4.581	5.061	4.211	4.161	4.131
Jan-09	$4.776	$4.426	$4.296	4.896	4.856	4.816	5.296	4.446	4.396	4.366
Feb-09	$4.716	$4.366	$4.236	4.836	4.796	4.756	5.236	4.386	4.336	4.306
Mar-09	$4.561	$4.211	$4.081	4.681	4.641	4.601	5.081	4.231	4.181	4.151
Apr-09	$3.861	$3.861	$3.741	3.981	3.941	3.901	4.741	3.891	3.841	3.811
May-09	$3.861	$3.861	$3.741	3.981	3.941	3.901	4.741	3.891	3.841	3.811
Jun-09	$3.861	$3.861	$3.741	3.981	3.941	3.901	4.741	3.891	3.841	3.811
Jul-09	$3.891	$3.891	$3.771	4.011	3.971	3.931	4.771	3.921	3.871	3.841
Aug-09	$3.921	$3.921	$3.801	4.041	4.001	3.961	4.801	3.951	3.901	3.871
Sep-09	$3.931	$3.931	$3.811	4.051	4.011	3.971	4.811	3.961	3.911	3.881

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

				26	27	28	29	30	31	32
				Peak	Winter	Summer	Peak	Winter	Summer	Peak
				NIT 1	NIT 2	NIT 3	N. Green	N. Green	N. Green	S. Green
				PGP-AL	WGP-AL	SGP-AL	PGP-NG	WGP-NG	SGP-NG	PGP-SG
				NIT	NIT	NIT	N. Green	N. Green	N. Green	S. Green
	Sumas	Rockies	Aeco	$0.080	$0.040	$0.010	$0.100	$0.050	$0.020	$0.100
Oct-04	$4.723	$4.683	$4.713	4.793	4.753	4.723	4.783	4.733	4.703	4.783
Nov-04	$5.158	$4.928	$4.938	5.018	4.978	4.948	5.028	4.978	4.948	5.028
Dec-04	$5.323	$5.093	$5.103	5.183	5.143	5.113	5.193	5.143	5.113	5.193
Jan-05	$5.438	$5.208	$5.218	5.298	5.258	5.228	5.308	5.258	5.228	5.308
Feb-05	$5.393	$5.163	$5.173	5.253	5.213	5.183	5.263	5.213	5.183	5.263
Mar-05	$5.173	$4.943	$4.953	5.033	4.993	4.963	5.043	4.993	4.963	5.043
Apr-05	$4.278	$4.188	$4.218	4.298	4.258	4.228	4.288	4.238	4.208	4.288
May-05	$4.158	$4.068	$4.098	4.178	4.138	4.108	4.168	4.118	4.088	4.168
Jun-05	$4.168	$4.078	$4.108	4.188	4.148	4.118	4.178	4.128	4.098	4.178
Jul-05	$4.198	$4.108	$4.138	4.218	4.178	4.148	4.208	4.158	4.128	4.208
Aug-05	$4.215	$4.125	$4.155	4.235	4.195	4.165	4.225	4.175	4.145	4.225
Sep-05	$4.203	$4.113	$4.143	4.223	4.183	4.153	4.213	4.163	4.133	4.213
Oct-05	$4.238	$4.148	$4.178	4.258	4.218	4.188	4.248	4.198	4.168	4.248
Nov-05	$4.753	$4.473	$4.383	4.463	4.423	4.393	4.573	4.523	4.493	4.573
Dec-05	$4.928	$4.648	$4.558	4.638	4.598	4.568	4.748	4.698	4.668	4.748
Jan-06	$5.023	$4.743	$4.653	4.733	4.693	4.663	4.843	4.793	4.763	4.843
Feb-06	$4.983	$4.703	$4.613	4.693	4.653	4.623	4.803	4.753	4.723	4.803
Mar-06	$4.818	$4.538	$4.448	4.528	4.488	4.458	4.638	4.588	4.558	4.638
Apr-06	$4.028	$4.058	$3.938	4.018	3.978	3.948	4.158	4.108	4.078	4.158
May-06	$3.928	$3.958	$3.838	3.918	3.878	3.848	4.058	4.008	3.978	4.058
Jun-06	$3.923	$3.953	$3.833	3.913	3.873	3.843	4.053	4.003	3.973	4.053
Jul-06	$3.923	$3.953	$3.833	3.913	3.873	3.843	4.053	4.003	3.973	4.053
Aug-06	$3.926	$3.956	$3.836	3.916	3.876	3.846	4.056	4.006	3.976	4.056
Sep-06	$3.926	$3.956	$3.836	3.916	3.876	3.846	4.056	4.006	3.976	4.056
Oct-06	$3.953	$3.983	$3.863	3.943	3.903	3.873	4.083	4.033	4.003	4.083
Nov-06	$4.528	$4.228	$4.108	4.188	4.148	4.118	4.328	4.278	4.248	4.328
Dec-06	$4.713	$4.413	$4.293	4.373	4.333	4.303	4.513	4.463	4.433	4.513
Jan-07	$4.838	$4.538	$4.418	4.498	4.458	4.428	4.638	4.588	4.558	4.638
Feb-07	$4.798	$4.498	$4.378	4.458	4.418	4.388	4.598	4.548	4.518	4.598
Mar-07	$4.618	$4.318	$4.198	4.278	4.238	4.208	4.418	4.368	4.338	4.418
Apr-07	$3.888	$3.818	$3.778	3.858	3.818	3.788	3.918	3.868	3.838	3.918
May-07	$3.853	$3.783	$3.743	3.823	3.783	3.753	3.883	3.833	3.803	3.883
Jun-07	$3.858	$3.788	$3.748	3.828	3.788	3.758	3.888	3.838	3.808	3.888
Jul-07	$3.868	$3.798	$3.758	3.838	3.798	3.768	3.898	3.848	3.818	3.898
Aug-07	$3.878	$3.808	$3.768	3.848	3.808	3.778	3.908	3.858	3.828	3.908
Sep-07	$3.861	$3.791	$3.751	3.831	3.791	3.761	3.891	3.841	3.811	3.891
Oct-07	$3.891	$3.821	$3.781	3.861	3.821	3.791	3.921	3.871	3.841	3.921
Nov-07	$4.481	$4.151	$4.011	4.091	4.051	4.021	4.251	4.201	4.171	4.251
Dec-07	$4.661	$4.331	$4.191	4.271	4.231	4.201	4.431	4.381	4.351	4.431
Jan-08	$4.756	$4.426	$4.286	4.366	4.326	4.296	4.526	4.476	4.446	4.526
Feb-08	$4.696	$4.366	$4.226	4.306	4.266	4.236	4.466	4.416	4.386	4.466

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

				26	27	28	29	30	31	32
				Peak	Winter	Summer	Peak	Winter	Summer	Peak
				NIT 1	NIT 2	NIT 3	N. Green	N. Green	N. Green	S. Green
				PGP-AL	WGP-AL	SGP-AL	PGP-NG	WGP-NG	SGP-NG	PGP-SG
				NIT	NIT	NIT	N. Green	N. Green	N. Green	S. Green
	Sumas	Rockies	Aeco	$0.080	$0.040	$0.010	$0.100	$0.050	$0.020	$0.100
Mar-08	$4.541	$4.211	$4.071	4.151	4.111	4.081	4.311	4.261	4.231	4.311
Apr-08	$3.841	$3.841	$3.721	3.801	3.761	3.731	3.941	3.891	3.861	3.941
May-08	$3.841	$3.841	$3.721	3.801	3.761	3.731	3.941	3.891	3.861	3.941
Jun-08	$3.841	$3.841	$3.721	3.801	3.761	3.731	3.941	3.891	3.861	3.941
Jul-08	$3.871	$3.871	$3.751	3.831	3.791	3.761	3.971	3.921	3.891	3.971
Aug-08	$3.901	$3.901	$3.781	3.861	3.821	3.791	4.001	3.951	3.921	4.001
Sep-08	$3.911	$3.911	$3.791	3.871	3.831	3.801	4.011	3.961	3.931	4.011
Oct-08	$3.901	$3.901	$3.781	3.861	3.821	3.791	4.001	3.951	3.921	4.001
Nov-08	$4.421	$4.071	$3.941	4.021	3.981	3.951	4.171	4.121	4.091	4.171
Dec-08	$4.541	$4.191	$4.061	4.141	4.101	4.071	4.291	4.241	4.211	4.291
Jan-09	$4.776	$4.426	$4.296	4.376	4.336	4.306	4.526	4.476	4.446	4.526
Feb-09	$4.716	$4.366	$4.236	4.316	4.276	4.246	4.466	4.416	4.386	4.466
Mar-09	$4.561	$4.211	$4.081	4.161	4.121	4.091	4.311	4.261	4.231	4.311
Apr-09	$3.861	$3.861	$3.741	3.821	3.781	3.751	3.961	3.911	3.881	3.961
May-09	$3.861	$3.861	$3.741	3.821	3.781	3.751	3.961	3.911	3.881	3.961
Jun-09	$3.861	$3.861	$3.741	3.821	3.781	3.751	3.961	3.911	3.881	3.961
Jul-09	$3.891	$3.891	$3.771	3.851	3.811	3.781	3.991	3.941	3.911	3.991
Aug-09	$3.921	$3.921	$3.801	3.881	3.841	3.811	4.021	3.971	3.941	4.021
Sep-09	$3.931	$3.931	$3.811	3.891	3.851	3.821	4.031	3.981	3.951	4.031

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

				33	34	35	36	37	38
				Winter	Summer	Propane	LNG	T-1&T-2	T-1&T-2
				S. Green	S. Green	Storage	Sun Valley	Sumas	Stanfield
				WGP-SG	SGP-SG	PA-IF	SVLNG	T1&2-SU	T1&T2-ST
				S. Green	S. Green	Idaho Falls	Sun Valley	Sumas	Stanfield
	Sumas	Rockies	Aeco	$0.050	$0.020	**50.0%**	$0.500	$0.000	$0.000
Oct-04	$4.723	$4.683	$4.713	4.733	4.703	7.370	5.206	0.000	0.000
Nov-04	$5.158	$4.928	$4.938	4.978	4.948	7.608	5.508	0.000	0.000
Dec-04	$5.323	$5.093	$5.103	5.143	5.113	7.923	5.673	0.000	0.000
Jan-05	$5.438	$5.208	$5.218	5.258	5.228	7.995	5.788	0.000	0.000
Feb-05	$5.393	$5.163	$5.173	5.213	5.183	7.994	5.743	0.000	0.000
Mar-05	$5.173	$4.943	$4.953	4.993	4.963	7.620	5.523	0.000	0.000
Apr-05	$4.278	$4.188	$4.218	4.238	4.208	6.452	4.728	0.000	0.000
May-05	$4.158	$4.068	$4.098	4.118	4.088	6.275	4.608	0.000	0.000
Jun-05	$4.168	$4.078	$4.108	4.128	4.098	6.276	4.618	0.000	0.000
Jul-05	$4.198	$4.108	$4.138	4.158	4.128	6.350	4.648	0.000	0.000
Aug-05	$4.215	$4.125	$4.155	4.175	4.145	6.479	4.665	0.000	0.000
Sep-05	$4.203	$4.113	$4.143	4.163	4.133	6.501	4.653	0.000	0.000
Oct-05	$4.238	$4.148	$4.178	4.198	4.168	6.567	4.688	0.000	0.000
Nov-05	$4.753	$4.473	$4.383	4.523	4.493	6.926	5.036	0.000	0.000
Dec-05	$4.928	$4.648	$4.558	4.698	4.668	7.256	5.211	0.000	0.000
Jan-06	$5.023	$4.743	$4.653	4.793	4.763	7.298	5.306	0.000	0.000
Feb-06	$4.983	$4.703	$4.613	4.753	4.723	7.304	5.266	0.000	0.000
Mar-06	$4.818	$4.538	$4.448	4.588	4.558	7.013	5.101	0.000	0.000
Apr-06	$4.028	$4.058	$3.938	4.108	4.078	6.257	4.508	0.000	0.000
May-06	$3.928	$3.958	$3.838	4.008	3.978	6.110	4.408	0.000	0.000
Jun-06	$3.923	$3.953	$3.833	4.003	3.973	6.089	4.403	0.000	0.000
Jul-06	$3.923	$3.953	$3.833	4.003	3.973	6.117	4.403	0.000	0.000
Aug-06	$3.926	$3.956	$3.836	4.006	3.976	6.225	4.406	0.000	0.000
Sep-06	$3.926	$3.956	$3.836	4.006	3.976	6.266	4.406	0.000	0.000
Oct-06	$3.953	$3.983	$3.863	4.033	4.003	6.320	4.433	0.000	0.000
Nov-06	$4.528	$4.228	$4.108	4.278	4.248	6.558	4.788	0.000	0.000
Dec-06	$4.713	$4.413	$4.293	4.463	4.433	6.903	4.973	0.000	0.000
Jan-07	$4.838	$4.538	$4.418	4.588	4.558	6.990	5.098	0.000	0.000
Feb-07	$4.798	$4.498	$4.378	4.548	4.518	6.996	5.058	0.000	0.000
Mar-07	$4.618	$4.318	$4.198	4.368	4.338	6.683	4.878	0.000	0.000
Apr-07	$3.888	$3.818	$3.778	3.868	3.838	5.897	4.328	0.000	0.000
May-07	$3.853	$3.783	$3.743	3.833	3.803	5.847	4.293	0.000	0.000
Jun-07	$3.858	$3.788	$3.748	3.838	3.808	5.841	4.298	0.000	0.000
Jul-07	$3.868	$3.798	$3.758	3.848	3.818	5.885	4.308	0.000	0.000
Aug-07	$3.878	$3.808	$3.768	3.858	3.828	6.003	4.318	0.000	0.000
Sep-07	$3.861	$3.791	$3.751	3.841	3.811	6.018	4.301	0.000	0.000
Oct-07	$3.891	$3.821	$3.781	3.871	3.841	6.077	4.331	0.000	0.000
Nov-07	$4.481	$4.151	$4.011	4.201	4.171	6.443	4.714	0.000	0.000
Dec-07	$4.661	$4.331	$4.191	4.381	4.351	6.780	4.894	0.000	0.000
Jan-08	$4.756	$4.426	$4.286	4.476	4.446	6.822	4.989	0.000	0.000
Feb-08	$4.696	$4.366	$4.226	4.416	4.386	6.798	4.929	0.000	0.000

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

				33	34	35	36	37	38
				Winter	Summer	Propane	LNG	T-1&T-2	T-1&T-2
				S. Green	S. Green	Storage	Sun Valley	Sumas	Stanfield
				WGP-SG	SGP-SG	PA-IF	SVLNG	T1&2-SU	T1&T2-ST
				S. Green	S. Green	Idaho Falls	Sun Valley	Sumas	Stanfield
	Sumas	Rockies	Aeco	$0.050	$0.020	**50.0%**	$0.500	$0.000	$0.000
Mar-08	$4.541	$4.211	$4.071	4.261	4.231	6.522	4.774	0.000	0.000
Apr-08	$3.841	$3.841	$3.721	3.891	3.861	5.931	4.301	0.000	0.000
May-08	$3.841	$3.841	$3.721	3.891	3.861	5.934	4.301	0.000	0.000
Jun-08	$3.841	$3.841	$3.721	3.891	3.861	5.921	4.301	0.000	0.000
Jul-08	$3.871	$3.871	$3.751	3.921	3.891	5.994	4.331	0.000	0.000
Aug-08	$3.901	$3.901	$3.781	3.951	3.921	6.143	4.361	0.000	0.000
Sep-08	$3.911	$3.911	$3.791	3.961	3.931	6.198	4.371	0.000	0.000
Oct-08	$3.901	$3.901	$3.781	3.951	3.921	6.197	4.361	0.000	0.000
Nov-08	$4.421	$4.071	$3.941	4.121	4.091	6.323	4.644	0.000	0.000
Dec-08	$4.541	$4.191	$4.061	4.241	4.211	6.570	4.764	0.000	0.000
Jan-09	$4.776	$4.426	$4.296	4.476	4.446	6.822	4.999	0.000	0.000
Feb-09	$4.716	$4.366	$4.236	4.416	4.386	6.798	4.939	0.000	0.000
Mar-09	$4.561	$4.211	$4.081	4.261	4.231	6.522	4.784	0.000	0.000
Apr-09	$3.861	$3.861	$3.741	3.911	3.881	5.961	4.321	0.000	0.000
May-09	$3.861	$3.861	$3.741	3.911	3.881	5.964	4.321	0.000	0.000
Jun-09	$3.861	$3.861	$3.741	3.911	3.881	5.951	4.321	0.000	0.000
Jul-09	$3.891	$3.891	$3.771	3.941	3.911	6.024	4.351	0.000	0.000
Aug-09	$3.921	$3.921	$3.801	3.971	3.941	6.173	4.381	0.000	0.000
Sep-09	$3.931	$3.931	$3.811	3.981	3.951	6.228	4.391	0.000	0.000

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

				39	40	41	42	43	44	45
				T-1&T-2	T-3	T-4	Fill	Fill	Fill	Fuel Oil
				N. Green	IMG	IMG	IMG	IMG	IMG	IF Latera
				T1&T2-SG	T3-IMG	T4-IMG	FGP-IMG	FB-3	MrktSell	IFO
				S. Green	IMG	IMG	IMG	IMG	IMG	daho Fall
	Sumas	Rockies	Aeco	$0.000	$0.000	$0.000	$10.000	$10.000	($0.040)	**35.0%**
Oct-04	$4.723	$4.683	$4.713	0.000	$0.000	$0.000	$10.000	$10.000	$4.66	7.025
Nov-04	$5.158	$4.928	$4.938	0.000	$0.000	$0.000	$10.000	$10.000	$5.00	7.392
Dec-04	$5.323	$5.093	$5.103	0.000	$0.000	$0.000	$10.000	$10.000	$5.17	7.640
Jan-05	$5.438	$5.208	$5.218	0.000	$0.000	$0.000	$10.000	$10.000	$5.28	7.812
Feb-05	$5.393	$5.163	$5.173	0.000	$0.000	$0.000	$10.000	$10.000	$5.24	7.745
Mar-05	$5.173	$4.943	$4.953	0.000	$0.000	$0.000	$10.000	$10.000	$5.02	7.415
Apr-05	$4.278	$4.188	$4.218	0.000	$0.000	$0.000	$10.000	$10.000	$4.19	6.282
May-05	$4.158	$4.068	$4.098	0.000	$0.000	$0.000	$10.000	$10.000	$4.07	6.102
Jun-05	$4.168	$4.078	$4.108	0.000	$0.000	$0.000	$10.000	$10.000	$4.08	6.117
Jul-05	$4.198	$4.108	$4.138	0.000	$0.000	$0.000	$10.000	$10.000	$4.11	6.162
Aug-05	$4.215	$4.125	$4.155	0.000	$0.000	$0.000	$10.000	$10.000	$4.13	6.188
Sep-05	$4.203	$4.113	$4.143	0.000	$0.000	$0.000	$10.000	$10.000	$4.12	6.170
Oct-05	$4.238	$4.148	$4.178	0.000	$0.000	$0.000	$10.000	$10.000	$4.15	6.222
Nov-05	$4.753	$4.473	$4.383	0.000	$0.000	$0.000	$10.000	$10.000	$4.57	6.710
Dec-05	$4.928	$4.648	$4.558	0.000	$0.000	$0.000	$10.000	$10.000	$4.75	6.972
Jan-06	$5.023	$4.743	$4.653	0.000	$0.000	$0.000	$10.000	$10.000	$4.84	7.115
Feb-06	$4.983	$4.703	$4.613	0.000	$0.000	$0.000	$10.000	$10.000	$4.80	7.055
Mar-06	$4.818	$4.538	$4.448	0.000	$0.000	$0.000	$10.000	$10.000	$4.64	6.807
Apr-06	$4.028	$4.058	$3.938	0.000	$0.000	$0.000	$10.000	$10.000	$4.00	6.087
May-06	$3.928	$3.958	$3.838	0.000	$0.000	$0.000	$10.000	$10.000	$3.90	5.937
Jun-06	$3.923	$3.953	$3.833	0.000	$0.000	$0.000	$10.000	$10.000	$3.90	5.930
Jul-06	$3.923	$3.953	$3.833	0.000	$0.000	$0.000	$10.000	$10.000	$3.90	5.930
Aug-06	$3.926	$3.956	$3.836	0.000	$0.000	$0.000	$10.000	$10.000	$3.90	5.934
Sep-06	$3.926	$3.956	$3.836	0.000	$0.000	$0.000	$10.000	$10.000	$3.90	5.934
Oct-06	$3.953	$3.983	$3.863	0.000	$0.000	$0.000	$10.000	$10.000	$3.93	5.975
Nov-06	$4.528	$4.228	$4.108	0.000	$0.000	$0.000	$10.000	$10.000	$4.34	6.342
Dec-06	$4.713	$4.413	$4.293	0.000	$0.000	$0.000	$10.000	$10.000	$4.52	6.620
Jan-07	$4.838	$4.538	$4.418	0.000	$0.000	$0.000	$10.000	$10.000	$4.65	6.807
Feb-07	$4.798	$4.498	$4.378	0.000	$0.000	$0.000	$10.000	$10.000	$4.61	6.747
Mar-07	$4.618	$4.318	$4.198	0.000	$0.000	$0.000	$10.000	$10.000	$4.43	6.477
Apr-07	$3.888	$3.818	$3.778	0.000	$0.000	$0.000	$10.000	$10.000	$3.81	5.727
May-07	$3.853	$3.783	$3.743	0.000	$0.000	$0.000	$10.000	$10.000	$3.78	5.675
Jun-07	$3.858	$3.788	$3.748	0.000	$0.000	$0.000	$10.000	$10.000	$3.78	5.682
Jul-07	$3.868	$3.798	$3.758	0.000	$0.000	$0.000	$10.000	$10.000	$3.79	5.697
Aug-07	$3.878	$3.808	$3.768	0.000	$0.000	$0.000	$10.000	$10.000	$3.80	5.712
Sep-07	$3.861	$3.791	$3.751	0.000	$0.000	$0.000	$10.000	$10.000	$3.79	5.687
Oct-07	$3.891	$3.821	$3.781	0.000	$0.000	$0.000	$10.000	$10.000	$3.82	5.732
Nov-07	$4.481	$4.151	$4.011	0.000	$0.000	$0.000	$10.000	$10.000	$4.28	6.227
Dec-07	$4.661	$4.331	$4.191	0.000	$0.000	$0.000	$10.000	$10.000	$4.46	6.497
Jan-08	$4.756	$4.426	$4.286	0.000	$0.000	$0.000	$10.000	$10.000	$4.55	6.639
Feb-08	$4.696	$4.366	$4.226	0.000	$0.000	$0.000	$10.000	$10.000	$4.49	6.549

INTERMOUNTAIN GAS COMPANY

2005-2009 Integrated Resource Plan

Resource Pricing

Design Base Case

	Sumas	Rockies	Aeco	39	40	41	42	43	44	45
				T-1&T-2	T-3	T-4	Fill	Fill	Fill	Fuel Oil
				N. Green	IMG	IMG	IMG	IMG	IMG	IF Latera
				T1&T2-SG	T3-IMG	T4-IMG	FGP-IMG	FB-3	MrktSell	IFO
				S. Green	IMG	IMG	IMG	IMG	IMG	daho Fall
				$0.000	$0.000	$0.000	$10.000	$10.000	($0.040)	**35.0%**
Mar-08	$4.541	$4.211	$4.071	0.000	$0.000	$0.000	$10.000	$10.000	$4.34	6.317
Apr-08	$3.841	$3.841	$3.721	0.000	$0.000	$0.000	$10.000	$10.000	$3.80	5.762
May-08	$3.841	$3.841	$3.721	0.000	$0.000	$0.000	$10.000	$10.000	$3.80	5.762
Jun-08	$3.841	$3.841	$3.721	0.000	$0.000	$0.000	$10.000	$10.000	$3.80	5.762
Jul-08	$3.871	$3.871	$3.751	0.000	$0.000	$0.000	$10.000	$10.000	$3.83	5.807
Aug-08	$3.901	$3.901	$3.781	0.000	$0.000	$0.000	$10.000	$10.000	$3.86	5.852
Sep-08	$3.911	$3.911	$3.791	0.000	$0.000	$0.000	$10.000	$10.000	$3.87	5.867
Oct-08	$3.901	$3.901	$3.781	0.000	$0.000	$0.000	$10.000	$10.000	$3.86	5.852
Nov-08	$4.421	$4.071	$3.941	0.000	$0.000	$0.000	$10.000	$10.000	$4.21	6.107
Dec-08	$4.541	$4.191	$4.061	0.000	$0.000	$0.000	$10.000	$10.000	$4.33	6.287
Jan-09	$4.776	$4.426	$4.296	0.000	$0.000	$0.000	$10.000	$10.000	$4.56	6.639
Feb-09	$4.716	$4.366	$4.236	0.000	$0.000	$0.000	$10.000	$10.000	$4.50	6.549
Mar-09	$4.561	$4.211	$4.081	0.000	$0.000	$0.000	$10.000	$10.000	$4.35	6.317
Apr-09	$3.861	$3.861	$3.741	0.000	$0.000	$0.000	$10.000	$10.000	$3.82	5.792
May-09	$3.861	$3.861	$3.741	0.000	$0.000	$0.000	$10.000	$10.000	$3.82	5.792
Jun-09	$3.861	$3.861	$3.741	0.000	$0.000	$0.000	$10.000	$10.000	$3.82	5.792
Jul-09	$3.891	$3.891	$3.771	0.000	$0.000	$0.000	$10.000	$10.000	$3.85	5.837
Aug-09	$3.921	$3.921	$3.801	0.000	$0.000	$0.000	$10.000	$10.000	$3.88	5.882
Sep-09	$3.931	$3.931	$3.811	0.000	$0.000	$0.000	$10.000	$10.000	$3.89	5.897

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

				46	47	48	49	50
				New Term	New Term	New Term	New Term	BLANK
				NIT 4	Stanfield	Citygate	Sumas	0
				FGP-NIT	FGP-Stan	FGP-CG	FGP-SU2	BLANK
				NIT	Stanfield	Citygate	Sumas	0
	Sumas	Rockies	Aeco	$0.020	$0.030	$0.100	$0.040	$0.000
Oct-04	$4.723	$4.683	$4.713	4.733	4.743	4.813	4.763	$0.000
Nov-04	$5.158	$4.928	$4.938	4.958	4.968	5.038	5.198	$0.000
Dec-04	$5.323	$5.093	$5.103	5.123	5.133	5.203	5.363	$0.000
Jan-05	$5.438	$5.208	$5.218	5.238	5.248	5.318	5.478	$0.000
Feb-05	$5.393	$5.163	$5.173	5.193	5.203	5.273	5.433	$0.000
Mar-05	$5.173	$4.943	$4.953	4.973	4.983	5.053	5.213	$0.000
Apr-05	$4.278	$4.188	$4.218	4.238	4.248	4.318	4.318	$0.000
May-05	$4.158	$4.068	$4.098	4.118	4.128	4.198	4.198	$0.000
Jun-05	$4.168	$4.078	$4.108	4.128	4.138	4.208	4.208	$0.000
Jul-05	$4.198	$4.108	$4.138	4.158	4.168	4.238	4.238	$0.000
Aug-05	$4.215	$4.125	$4.155	4.175	4.185	4.255	4.255	$0.000
Sep-05	$4.203	$4.113	$4.143	4.163	4.173	4.243	4.243	$0.000
Oct-05	$4.238	$4.148	$4.178	4.198	4.208	4.278	4.278	$0.000
Nov-05	$4.753	$4.473	$4.383	4.403	4.413	4.483	4.793	$0.000
Dec-05	$4.928	$4.648	$4.558	4.578	4.588	4.658	4.968	$0.000
Jan-06	$5.023	$4.743	$4.653	4.673	4.683	4.753	5.063	$0.000
Feb-06	$4.983	$4.703	$4.613	4.633	4.643	4.713	5.023	$0.000
Mar-06	$4.818	$4.538	$4.448	4.468	4.478	4.548	4.858	$0.000
Apr-06	$4.028	$4.058	$3.938	3.958	3.968	4.038	4.068	$0.000
May-06	$3.928	$3.958	$3.838	3.858	3.868	3.938	3.968	$0.000
Jun-06	$3.923	$3.953	$3.833	3.853	3.863	3.933	3.963	$0.000
Jul-06	$3.923	$3.953	$3.833	3.853	3.863	3.933	3.963	$0.000
Aug-06	$3.926	$3.956	$3.836	3.856	3.866	3.936	3.966	$0.000
Sep-06	$3.926	$3.956	$3.836	3.856	3.866	3.936	3.966	$0.000
Oct-06	$3.953	$3.983	$3.863	3.883	3.893	3.963	3.993	$0.000
Nov-06	$4.528	$4.228	$4.108	4.128	4.138	4.208	4.568	$0.000
Dec-06	$4.713	$4.413	$4.293	4.313	4.323	4.393	4.753	$0.000
Jan-07	$4.838	$4.538	$4.418	4.438	4.448	4.518	4.878	$0.000
Feb-07	$4.798	$4.498	$4.378	4.398	4.408	4.478	4.838	$0.000
Mar-07	$4.618	$4.318	$4.198	4.218	4.228	4.298	4.658	$0.000
Apr-07	$3.888	$3.818	$3.778	3.798	3.808	3.878	3.928	$0.000
May-07	$3.853	$3.783	$3.743	3.763	3.773	3.843	3.893	$0.000
Jun-07	$3.858	$3.788	$3.748	3.768	3.778	3.848	3.898	$0.000
Jul-07	$3.868	$3.798	$3.758	3.778	3.788	3.858	3.908	$0.000
Aug-07	$3.878	$3.808	$3.768	3.788	3.798	3.868	3.918	$0.000
Sep-07	$3.861	$3.791	$3.751	3.771	3.781	3.851	3.901	$0.000
Oct-07	$3.891	$3.821	$3.781	3.801	3.811	3.881	3.931	$0.000
Nov-07	$4.481	$4.151	$4.011	4.031	4.041	4.111	4.521	$0.000
Dec-07	$4.661	$4.331	$4.191	4.211	4.221	4.291	4.701	$0.000
Jan-08	$4.756	$4.426	$4.286	4.306	4.316	4.386	4.796	$0.000
Feb-08	$4.696	$4.366	$4.226	4.246	4.256	4.326	4.736	$0.000

INTERMOUNTAIN GAS COMPANY
2005-2009 Integrated Resource Plan
Resource Pricing
Design Base Case

				46	47	48	49	50
				New Term	New Term	New Term	New Term	BLANK
				NIT 4	Stanfield	Citygate	Sumas	0
				FGP-NIT	FGP-Stan	FGP-CG	FGP-SU2	BLANK
				NIT	Stanfield	Citygate	Sumas	0
	Sumas	Rockies	Aeco	$0.020	$0.030	$0.100	$0.040	$0.000
Mar-08	$4.541	$4.211	$4.071	4.091	4.101	4.171	4.581	$0.000
Apr-08	$3.841	$3.841	$3.721	3.741	3.751	3.821	3.881	$0.000
May-08	$3.841	$3.841	$3.721	3.741	3.751	3.821	3.881	$0.000
Jun-08	$3.841	$3.841	$3.721	3.741	3.751	3.821	3.881	$0.000
Jul-08	$3.871	$3.871	$3.751	3.771	3.781	3.851	3.911	$0.000
Aug-08	$3.901	$3.901	$3.781	3.801	3.811	3.881	3.941	$0.000
Sep-08	$3.911	$3.911	$3.791	3.811	3.821	3.891	3.951	$0.000
Oct-08	$3.901	$3.901	$3.781	3.801	3.811	3.881	3.941	$0.000
Nov-08	$4.421	$4.071	$3.941	3.961	3.971	4.041	4.461	$0.000
Dec-08	$4.541	$4.191	$4.061	4.081	4.091	4.161	4.581	$0.000
Jan-09	$4.776	$4.426	$4.296	4.316	4.326	4.396	4.816	$0.000
Feb-09	$4.716	$4.366	$4.236	4.256	4.266	4.336	4.756	$0.000
Mar-09	$4.561	$4.211	$4.081	4.101	4.111	4.181	4.601	$0.000
Apr-09	$3.861	$3.861	$3.741	3.761	3.771	3.841	3.901	$0.000
May-09	$3.861	$3.861	$3.741	3.761	3.771	3.841	3.901	$0.000
Jun-09	$3.861	$3.861	$3.741	3.761	3.771	3.841	3.901	$0.000
Jul-09	$3.891	$3.891	$3.771	3.791	3.801	3.871	3.931	$0.000
Aug-09	$3.921	$3.921	$3.801	3.821	3.831	3.901	3.961	$0.000
Sep-09	$3.931	$3.931	$3.811	3.831	3.841	3.911	3.971	$0.000

Exhibit No. 5

APPENDIX A

Model Inputs - Demand

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Load Duration Curve Aggregated into Model Periods
DESIGN BASE CASE

Year	Year #	Period		peakid IF Peak	flowid if Flow	peaksun Sun Peak	flowsun Sun Flow	peakcan Canyon Peak	flowcan Canyon Flow	peakboi All Other Peak	flowboi All Other Flow	Period Totals	Totals
FY05	1	1	1	78,470	78,470	14,613	14,613	58,986	58,986	278,180	278,180	430,249	430,249
FY05	1	2	2	76,088	76,088	14,012	14,012	56,830	56,830	268,086	268,086	415,017	415,017
FY05	1	3	3	71,757	143,514	12,919	25,838	52,900	105,801	249,703	499,407	387,279	774,559
FY05	1	4	4	62,161	310,807	10,497	52,485	44,196	220,982	208,984	1,044,920	325,839	1,629,194
FY05	1	5	5	58,543	468,344	9,584	76,669	40,899	327,193	193,595	1,548,763	302,621	2,420,969
FY05	1	6	6	57,113	799,581	9,225	129,145	39,612	554,571	187,501	2,625,016	293,451	4,108,313
FY05	1	7	7	55,229	1,712,114	8,750	271,259	37,921	1,175,540	179,120	5,552,719	281,020	8,711,632
FY05	1	8	8	52,270	1,463,556	8,006	224,180	35,256	987,158	166,610	4,665,092	262,142	7,339,986
FY05	1	9	9	45,400	2,769,384	6,274	382,719	29,031	1,770,914	137,485	8,386,589	218,190	13,309,606
FY05	1	10	10	35,288	2,152,578	3,717	226,750	19,866	1,211,799	94,569	5,768,719	153,440	9,359,847
FY05	1	11	11	30,213	1,842,975	2,431	148,277	15,269	931,390	73,013	4,453,769	120,925	7,376,411
FY05	1	12	12	27,387	2,519,609	1,716	157,892	12,692	1,167,639	60,986	5,610,707	102,781	9,455,846
FY06	2	1	13	80,942	80,942	14,993	14,993	61,265	61,265	284,270	284,270	441,469	441,469
FY06	2	2	14	76,088	76,088	14,012	14,012	59,026	59,026	268,086	268,086	417,213	417,213
FY06	2	3	15	71,757	145,547	12,919	26,430	54,944	108,710	249,703	510,412	389,323	791,099
FY06	2	4	16	62,161	315,211	10,497	53,688	45,904	227,058	208,984	1,067,947	327,546	1,663,904
FY06	2	5	17	58,543	474,979	9,584	78,427	42,479	336,190	193,595	1,582,893	304,201	2,472,490
FY06	2	6	18	57,113	810,909	9,225	132,106	41,143	569,821	187,501	2,682,864	294,981	4,195,699
FY06	2	7	19	55,229	1,736,371	8,750	277,479	39,386	1,207,864	179,120	5,675,085	282,486	8,896,799
FY06	2	8	20	52,270	1,484,291	8,006	229,320	36,618	1,014,302	166,610	4,767,897	263,505	7,495,811
FY06	2	9	21	45,400	2,808,619	6,274	391,495	30,153	1,819,611	137,485	8,571,405	219,312	13,591,129
FY06	2	10	22	35,288	2,183,075	3,717	231,950	20,633	1,245,121	94,569	5,895,845	154,208	9,555,990
FY06	2	11	23	30,213	1,869,085	2,431	151,677	15,859	957,002	73,013	4,551,917	121,515	7,529,680
FY06	2	12	24	27,387	2,555,306	1,716	161,512	13,182	1,199,746	60,986	5,734,350	103,271	9,650,915
FY07	3	1	25	83,728	83,728	15,590	15,590	64,468	64,468	290,856	290,856	454,642	454,642
FY07	3	2	26	78,708	78,708	14,570	14,570	62,112	62,112	274,297	274,297	429,688	429,688
FY07	3	3	27	74,227	147,571	13,433	27,040	57,817	111,807	255,488	522,237	400,967	808,656
FY07	3	4	28	64,301	319,595	10,915	54,926	48,304	233,527	213,826	1,092,689	337,347	1,700,738
FY07	3	5	29	60,558	481,585	9,965	80,236	44,701	345,769	198,081	1,619,566	313,305	2,527,156
FY07	3	6	30	59,079	822,187	9,592	135,153	43,294	586,056	191,845	2,745,020	303,810	4,288,417
FY07	3	7	31	57,131	1,760,520	9,099	283,880	41,445	1,242,279	183,270	5,806,565	290,945	9,093,244
FY07	3	8	32	54,069	1,504,935	8,325	234,610	38,533	1,043,202	170,470	4,878,360	271,398	7,661,107
FY07	3	9	33	46,963	2,847,682	6,524	400,525	31,730	1,871,455	140,670	8,769,987	225,887	13,889,649
FY07	3	10	34	36,503	2,213,437	3,865	237,300	21,712	1,280,597	96,760	6,032,440	158,840	9,763,774
FY07	3	11	35	31,253	1,895,080	2,528	155,175	16,688	984,269	74,704	4,657,376	125,172	7,691,900
FY07	3	12	36	28,330	2,590,845	1,785	165,238	13,871	1,233,930	62,399	5,867,204	106,385	9,857,216

INTERMOUNTAIN GAS COMPANY
2005-09 Integrated Resource Plan
Load Duration Curve Aggregated into Model Periods
DESIGN BASE CASE

Year	Year #	Period		peakid IF Peak	flowid if Flow	peaksun Sun Peak	flowsun Sun Flow	peakcan Canyon Peak	flowcan Canyon Flow	peakboi All Other Peak	flowboi All Other Flow	Period Totals	Totals
FY08	4	1	37	85,772	85,772	15,999	15,999	66,672	66,672	298,471	298,471	466,913	466,913
FY08	4	2	38	80,629	80,629	14,952	14,952	64,235	64,235	281,479	281,479	441,296	441,296
FY08	4	3	39	76,039	149,947	13,785	27,779	59,793	114,858	262,178	535,911	411,796	828,495
FY08	4	4	40	65,871	324,740	11,201	56,428	49,955	239,900	219,424	1,121,298	346,451	1,742,366
FY08	4	5	41	62,037	489,339	10,226	82,430	46,228	355,204	203,267	1,661,969	321,758	2,588,942
FY08	4	6	42	60,521	835,425	9,843	138,849	44,774	602,048	196,868	2,816,890	312,006	4,393,212
FY08	4	7	43	58,526	1,788,867	9,337	291,642	42,862	1,276,177	188,068	5,958,592	298,793	9,315,277
FY08	4	8	44	55,389	1,529,166	8,543	241,026	39,849	1,071,668	174,934	5,006,084	278,716	7,847,943
FY08	4	9	45	48,109	2,893,532	6,695	411,477	32,814	1,922,521	144,353	8,999,601	231,972	14,227,133
FY08	4	10	46	37,394	2,249,076	3,967	243,789	22,454	1,315,540	99,294	6,190,380	163,108	9,998,786
FY08	4	11	47	32,016	1,925,593	2,594	159,419	17,258	1,011,126	76,660	4,779,314	128,528	7,875,453
FY08	4	12	48	29,021	2,632,561	1,831	169,756	14,345	1,267,600	64,033	6,020,818	109,231	10,090,734
FY09	5	1	49	87,950	87,950	16,450	16,450	68,398	68,398	304,213	304,213	477,010	477,010
FY09	5	2	50	82,676	82,676	15,374	15,374	65,898	65,898	286,894	286,894	450,843	450,843
FY09	5	3	51	77,970	151,831	14,175	28,346	61,342	116,638	267,221	546,219	420,707	843,035
FY09	5	4	52	67,543	328,819	11,517	57,580	51,249	243,618	223,645	1,142,868	353,954	1,772,885
FY09	5	5	53	63,612	495,485	10,515	84,112	47,425	360,710	207,177	1,693,939	328,729	2,634,246
FY09	5	6	54	62,058	845,918	10,121	141,682	45,933	611,380	200,655	2,871,076	318,767	4,470,056
FY09	5	7	55	60,011	1,811,335	9,601	297,594	43,972	1,295,957	191,686	6,073,213	305,270	9,478,099
FY09	5	8	56	56,795	1,548,372	8,785	245,944	40,881	1,088,278	178,299	5,102,383	284,760	7,984,977
FY09	5	9	57	49,330	2,929,875	6,884	419,874	33,664	1,952,320	147,130	9,172,720	237,008	14,474,790
FY09	5	10	58	38,343	2,277,325	4,079	248,764	23,035	1,335,931	101,204	6,309,460	166,661	10,171,479
FY09	5	11	59	32,829	1,949,779	2,667	162,672	17,705	1,026,798	78,135	4,871,251	131,335	8,010,500
FY09	5	12	60	29,758	2,665,626	1,883	173,220	14,717	1,287,247	65,264	6,136,636	111,623	10,262,729

Exhibit No. 5

APPENDIX B

Model Inputs - Supply

Intermountain Gas Company
2005-09 Integrated Resource Plan

Supply Resource Inputs

Cost of Capital	10.0%								
	Term	Term	Term	Term	Term	Term	Term	Term	Term
Resource Name	Sumas-1	Alberta-1	Alberta-2	Stanfield -1	N Grn Rvr-1	N Grn Rvr-2	S Grn Rvr-1	S Grn Rvr-2	S Grn Rvr-3
Resource #	1	2	3	4	5	6	7	8	9
Resource Acronym	EGP-SU-1	EGP-AL-1	EGP-AL-2	EGP-ST-1	EGP-NG-1	EGP-NG-2	EGP-SG-1	EGP-SG-2	EGP-SG-3
Reciept Zone	Sumas	NIT	NIT	Stanfield	N. Green	N. Green	S. Green	S. Green	S. Green
Check	1	5	5	2	3	3	4	4	4
Reciept Zone Number	1	5	5	2	3	3	4	4	4
First year Available	1	1	1	1	1	1	1	1	1
Last Year Available	5	5	5	5	5	5	5	5	5
First Period Available	1	1	1	1	1	1	10	1	1
Last Period Available	9	12	12	9	9	9	12	12	9
Resource Cost Section only variable cost from 'ldc price' used									
Commodity Rate (2003$/MMBTU)	2.850916667	2.845916667	2.845916667	2.26925	2.845916667	2.51625	0	0	0
Commodity Escalation Rate	1.049	1.049	1.049	1.047	1.049	1.047			
Demand Charge (2003$/MMBTU)	0	0	0	0.26	0	0.103			
Charge per year 2003$s/yr	0	0	0	427714.3	0	92596.485			
Demand Charge Escalation	1.02	1.02	1.02	1.02	1.02	1.02			
Resource Capability Section									
Per Day Capability mmbtu/day	8,500	3,000	2,500	10,000	6,500	12,000	15,000	7,000	3,000
Annual Flow mmbtu	1,283,500	1,095,000	912,500	1,510,000	981,500	1,812,000	3,210,000	2,555,000	453,000
Resource Growth Factor (1+%)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Number of days Available	151	365	365	151	151	151	214	365	151
Must Run (1):NA:New Model Capability	0.0	0.0	0.0	0.0	0.0	0.0			
Minimum Take (MMBTU/Year) (1)	-	-		-	-	-			
Minimum Utilization Rate	re set in results ur page								
Maximum Utilization Rate									
Storage Section									
Storage (Yes=1, 0=no)	0	0	0	0	0	0	0	0	0
Start Injection Period	0	0	0	0	0	0	0	0	0
End Injection Period	0	0	0	0	0	0	0	0	0
Effective Injection Rate (MMBTU/day)	0	0	0	0	0	0	0	0	0
Injection Cost $/MMBTU	0	0	0	0	0	0	0	0	0
Injection Losses 1.0- % so number is 1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Withdrawal Losses 1.0- % so number i	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Transport Contract Associated #	0	0	0	0	0	0	0	0	0
Injection days for Annual Capacity	NA	NA		NA	NA	NA			
Injection Days Available	NA	NA		NA	NA	NA			
Withdrawal Annual Capacity days	NA	NA		NA	NA	NA			

Intermountain Gas Company
2005-09 Integrated Resource Plan

Supply Resource Inputs

Cost of Capital									
Resource Name	Term Citygate	Term Citygate	Storage 1	Storage 2	Storage 3 t7	Storage 4 t8	Storage 5 t9	Storage 6	New Term Sumas
Resource #	10	11	12	13	14	15	16	17	18
Resource Acronym	EGP-CG-1	EGP-CG-2	ST-1	ST-2	ST-3	ST-4	ST-5	EST-6	FGP-SU1
Reciept Zone	IMG	IMG	NIT	Boise	Stanfield	Stanfield	Stanfield	S. Green	Sumas
Check	6	6	5	7	2	2	2	4	1
Reciept Zone Number	6	6	5	7	2	2	2	4	1
First year Available	1	1	1	1	1	4	1	1	3
Last Year Available	5	5	5	5	3	5	5	5	5
First Period Available	1	1	1	1	1	1	1	1	1
Last Period Available	9	12	9	5	9	9	7	9	12
Resource Cost Section only variable									
Commodity Rate (2003$/MMBTU)	0	0	2.544	3.549	2.66	2.66	3.293	2.678	100000
Commodity Escalation Rate			1.047	1.05	1.049	1.049	1.05	1.055	1.03
Demand Charge (2003$/MMBTU)			0	0	0	0	0	0	0
Charge per year 2003$s/yr			0	0	0	0	0	0	0
Demand Charge Escalation			1.02	1.02	1.02	1.02	1.02	1.02	0
Resource Capability Section									
Per Day Capability mmbtu/day	15,000	10,000	**18,852**	60,000	15,000	22,500	72,000	**48,321**	7,500
Annual Flow mmbtu	2,265,000	3,650,000	**2,541,340**	580,000	1,092,099	1,092,099	770,520	**5,798,925**	2,737,500
Resource Growth Factor (1+%)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Number of days Available	151	365	151	17	151	151	62	151	365
Must Run (1):NA:New Model Capability			0.0	0.0	0.0	0.0	0.0	0.0	0.0
Minimum Take (MMBTU/Year) (1)			-	500,000	75,000	151,685	360,000	-	-
Minimum Utilization Rate									
Maximum Utilization Rate									
Storage Section									
Storage (Yes=1, 0=no)	0	0	1	1	1	1	1	1	0
Start Injection Period	0	0	10	10	10	10	10	10	0
End Injection Period	0	0	12	12	12	12	12	12	0
Effective Injection Rate (MMBTU/day)	0	0	26,923	2,800	30,084	30,084	3,939	47,649	0
Injection Cost $/MMBTU	0	0	0.025	0.67	0	0	0.5604	0.0248	0
Injection Losses 1.0- % so number is 1	1.00	1.00	1.00	0.75	0.99	0.99	0.98	0.99	1.00
Withdrawal Losses 1.0- % so number i	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00
Transport Contract Associated #	0	0	0	0	**	**	**	0	0
Injection days for Annual Capacity			130.0003714	171.4285714	35.58354485	35.58354485	192.63	120	0
Injection Days Available			214	214	214	214	214	214	NA
Withdrawal Annual Capacity days			5,761,522	599,200	6,438,038	6,438,038	842,935	10,196,782	0

Intermountain Gas Company
2005-09 Integrated Resource Plan

Supply Resource Inputs

Cost of Capital									
Resource Name	Peak Sumas	Winter Sumas	Summer Sumas	Fill Stanfield	Peak Stanfield	Winter Stanfield	Summer Stanfield	Peak NIT 1	Winter NIT 2
Resource #	19	20	21	22	23	24	25	26	27
Resource Acronym	PGP-SU	WGP-SU	SGP-SU	FGP-ST	PGP-ST	WGP-ST	SGP-ST	PGP-AL	WGP-AL
Reciept Zone	Sumas	Sumas	Sumas	Stanfield	Stanfield	Stanfield	Stanfield	NIT	NIT
Check	1	1	1	2	2	2	2	5	5
Reciept Zone Number	1	1	1	2	2	2	2	5	5
First year Available	1	1	1	1	1	1	1	1	1
Last Year Available	5	5	5	5	5	5	5	5	5
First Period Available	1	7	10	1	1	7	10	1	7
Last Period Available	6	9	12	12	6	9	12	6	9
Resource Cost Section only variable									
Commodity Rate (2003$/MMBTU)	4.75	3.73	2.97	100000	5.13	3.47	2.97	4.83	3.27
Commodity Escalation Rate	1.049	1.049	1.049	1.047	1.047	1.047	1.047	1.047	1.047
Demand Charge (2003$/MMBTU)	0	0	0	0	0	0	0	0	0
Charge per year 2003$s/yr	0	0	0	0	0	0	0	0	0
Demand Charge Escalation	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Resource Capability Section									
Per Day Capability mmbtu/day	20,000	15,000	10,000	50,000	20,000	15,000	10,000	20,000	15,000
Annual Flow mmbtu	620,000	1,800,000	2,140,000	18,250,000	620,000	1,800,000	2,140,000	620,000	1,800,000
Resource Growth Factor (1+%)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Number of days Available	31	120	214	365	31	120	214	31	120
Must Run (1):NA:New Model Capability	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Minimum Take (MMBTU/Year) (1)	-	-	-	-	-	-	-	-	-
Minimum Utilization Rate									
Maximum Utilization Rate									
Storage Section									
Storage (Yes=1, 0=no)	0	0	0	0	0	0	0	0	0
Start Injection Period	0	0	0	0	0	0	0	0	0
End Injection Period	0	0	0	0	0	0	0	0	0
Effective Injection Rate (MMBTU/day)	0	0	0	0	0	0	0	0	0
Injection Cost $/MMBTU	0	0	0	0	0	0	0	0	0
Injection Losses 1.0- % so number is 1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Withdrawal Losses 1.0- % so number i	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Transport Contract Associated #	0	0	0	0	0	0	0	0	0
Injection days for Annual Capacity	0	0	0	NA	NA	NA	NA	NA	NA
Injection Days Available	NA	NA	NA	NA	NA	NA	NA	NA	NA
Withdrawal Annual Capacity days	0	NA	NA	NA	NA	NA	NA	NA	NA

Intermountain Gas Company
2005-09 Integrated Resource Plan

Supply Resource Inputs

Cost of Capital									
Resource Name	Summer NIT 3	Peak N. Green	Winter N. Green	Summer N. Green	Peak S. Green	Winter S. Green	Summer S. Green	Propane Storage	LNG Sun Valley
Resource #	28	29	30	31	32	33	34	35	36
Resource Acronym	SGP-AL	PGP-NG	WGP-NG	SGP-NG	PGP-SG	WGP-SG	SGP-SG	PA-IF	SVLNG
Reciept Zone	NIT	N. Green	N. Green	N. Green	S. Green	S. Green	S. Green	Idaho Falls	Sun Valley
Check	5	3	3	3	4	4	4	9	10
Reciept Zone Number	5	3	3	3	4	4	4	9	10
First year Available	1	1	1	1	1	1	1	1	1
Last Year Available	5	5	5	5	5	5	5	5	1
First Period Available	10	1	7	10	1	7	10	1	1
Last Period Available	12	6	9	12	6	9	12	2	3
Resource Cost Section only variable									
Commodity Rate (2003$/MMBTU)	2.87	4.94	3.35	2.76	4.94	3.35	2.76	5.43	6.4
Commodity Escalation Rate	1.047	1.055	1.055	1.055	1.055	1.055	1.055	1.04	1
Demand Charge (2003$/MMBTU)	0	0	0	0	0	0	0	$550,000	0
Charge per year 2003$s/yr	0	0	0	0	0	0	0	$0	$200,000
Demand Charge Escalation	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Resource Capability Section									
Per Day Capability mmbtu/day	10,000	20,000	15,000	10,000	20,000	15,000	10,000	3,000	200
Annual Flow mmbtu	2,140,000	620,000	1,800,000	2,140,000	620,000	1,800,000	2,140,000	6,000	800
Resource Growth Factor (1+%)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Number of days Available	214	31	120	214	31	120	214	2	4
Must Run (1):NA:New Model Capability	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Minimum Take (MMBTU/Year) (1)	-	-	-	-	-	-	-	-	-
Minimum Utilization Rate									
Maximum Utilization Rate									
Storage Section									
Storage (Yes=1, 0=no)	0	0	0	0	0	0	0	0	0
Start Injection Period	0	0	0	0	0	0	0	0	0
End Injection Period	0	0	0	0	0	0	0	0	0
Effective Injection Rate (MMBTU/day)	0	0	0	0	0	0	0	0	0
Injection Cost $/MMBTU	0	0	0	0	0	0	0	0	0
Injection Losses 1.0- % so number is 1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Withdrawal Losses 1.0- % so number i	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Transport Contract Associated #	0	0	0	0	0	0	0	0	0
Injection days for Annual Capacity	NA	NA	NA	NA	NA	NA	NA	0	0
Injection Days Available	NA	NA	NA	NA	NA	NA	NA	NA	0
Withdrawal Annual Capacity days	NA	NA	NA	NA	NA	NA	NA	NA	0

Intermountain Gas Company
2005-09 Integrated Resource Plan

Supply Resource Inputs

Cost of Capital								12,892	
Resource Name	T-1&T-2 Sumas	T-1&T-2 Stanfield	T-1&T-2 N. Green	T-3 IMG	T-4 IMG	Fill IMG	Fill IMG	Fill IMG	Fuel Oil IF Lateral
Resource #	37	38	39	40	41	42	43	44	45
Resource Acronym	T1&2-SU	T1&T2-ST	T1&T2-SG	T3-IMG	T4-IMG	FGP-IMG	FB-3	MrktSell	IFO
Reciept Zone	Sumas	Stanfield	S. Green	IMG	IMG	IMG	IMG	IMG	Idaho Falls
Check	1	2	3	6	6	6	6	6	9
Reciept Zone Number	1	2	3	6	6	6	6	6	9
First year Available	1	1	1	1	1	1	1	1	1
Last Year Available	5	5	5	5	5	5	5	5	5
First Period Available	1	1	1	1	1	1	1	1	1
Last Period Available	12	12	12	12	12	12	12	12	5
Resource Cost Section only variable									
Commodity Rate (2003$/MMBTU)	0	0	0	0.001	0.001	1000000	0	0	0
Commodity Escalation Rate	1	1	1	1.04	1.04	1	1	1	
Demand Charge (2003$/MMBTU)	0	0	0	0	0	0	0	0	
Charge per year 2003$s/yr	0	0	0	0	0	0	0	0	
Demand Charge Escalation	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	
Resource Capability Section									
Per Day Capability mmbtu/day	4,437	7,205	8,455	2,250	55,630	50,000	5,000	0	4,700
Annual Flow mmbtu	1,619,657	2,629,743	3,086,005	821,250	20,304,950	18,250,000	1,825,000	0	79,900
Resource Growth Factor (1+%)	1.00	1.00	1.00	1.00	1.03	1.00	1.00	1.00	1.00
Number of days Available	365	365	365	365	365	365	365	365	17
Must Run (1):NA:New Model Capability	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Minimum Take (MMBTU/Year) (1)	3,248,516	5,274,424	6,189,540	17,323,200	17,323,200	-	-	-	
Minimum Utilization Rate									
Maximum Utilization Rate									
Storage Section									
Storage (Yes=1, 0=no)	0	0	0	0	0	0	0	0	0
Start Injection Period	0	0	0	0	0	0	0	0	0
End Injection Period	0	0	0	0	0	0	0	0	0
Effective Injection Rate (MMBTU/day)	0	0	0	0	0	0	0	0	0
Injection Cost $/MMBTU	0	0	0	0	0	0	0	0	0
Injection Losses 1.0- % so number is 1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Withdrawal Losses 1.0- % so number i	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Transport Contract Associated #	0	0	0	0	0	0	0	0	0
Injection days for Annual Capacity	NA	0	NA	NA	NA	0	0	0	0
Injection Days Available	NA	0	NA	NA	NA	0	0	0	0
Withdrawal Annual Capacity days	NA	0	NA	NA	NA	0	0	0	0

Intermountain Gas Company
2005-09 Integrated Resource Plan

Supply Resource Inputs

Cost of Capital					
Resource Name	New Term NIT 4	New Term Stanfield	New Term Citygate	New Term Sumas	BLANK
Resource #	46	47	48	49	50
Resource Acronym	FGP-NIT	FGP-Stan	FGP-CG	FGP-SU2	BLANK
Reciept Zone	NIT	Stanfield	Citygate	Sumas	
Check	5	2	6	1	
Reciept Zone Number	5	2	6	1	0
First year Available	3	4	4	5	0
Last Year Available	5	5	5	5	0
First Period Available	1	1	1	1	0
Last Period Available	12	9	3	12	0
Resource Cost Section only variable					
Commodity Rate (2003$/MMBTU)	4.83	0	0	0	0
Commodity Escalation Rate	1.047				
Demand Charge (2003$/MMBTU)	0				
Charge per year 2003$s/yr	0				
Demand Charge Escalation	1.02				
Resource Capability Section					
Per Day Capability mmbtu/day	7,500	10,000	10,000	7,500	0
Annual Flow mmbtu	2,737,500	1,510,000	40,000	2,737,500	0
Resource Growth Factor (1+%)	1.00	1.00	1.00	1.00	1.00
Number of days Available	365	151	4	365	#VALUE!
Must Run (1):NA:New Model Capability	0.0				
Minimum Take (MMBTU/Year) (1)	-				
Minimum Utilization Rate					
Maximum Utilization Rate					
Storage Section					
Storage (Yes=1, 0=no)	0	0	0	0	0
Start Injection Period	0	0	0	0	0
End Injection Period	0	0	0	0	0
Effective Injection Rate (MMBTU/day)	0	0	0	0	0
Injection Cost $/MMBTU	0	0	0	0	0
Injection Losses 1.0- % so number is 1	1.00	1.00	1.00	1.00	1.00
Withdrawal Losses 1.0- % so number i	1.00	1.00	1.00	1.00	1.00
Transport Contract Associated #	0	0	0	0	0
Injection days for Annual Capacity	NA	0	0	0	0
Injection Days Available	NA	0	0	0	0
Withdrawal Annual Capacity days	NA	0	0	0	0

Exhibit No. 5

APPENDIX C

Model Inputs - Transportation

Intermountain Gas Company
2005-09 Integrated Resource Plan
Design Base Case Scenario

IGC Transport Resources
in MMBTU/Day

	Existing NWP @ Sumas	Existing NWP @ Stanfield	Existing NWP @ N. Green	Existing NWP @ S. Green	Existing Upstream @ Nova, ANG & PGT - Annual	Existing Upstream @ Nova, ANG & PGT - Winter	Existing Storage JP	Existing Storage JP
Resource Number	1	2	3	4	5	6	7	8
Resource Acronym	ENWP-SU	ENWP-ST	ENWP-NG	ENWP-SG	EPGT-AN	EPGT-WI	ENWP-JP	ENWP-JP2
Fixed Cost 2005 $	$ 4,214,132	$ 5,489,658	$ 2,512,328	$ 5,131,192	$ -	$ -	$ 299,716	$ 299,716
FC Escalation	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Peak Capability	41,146	86,800	33,026	60,358	32,158	20,686	15,000	22,500
Year Beginning	1	1	1	1	1	1	1	4
Year End	5	5	5	5	5	5	3	5
Variable Cost 2005$/year	$0.03610	$0.03610	$0.03610	$0.03610	$0.01005	$0.01005	$0.03000	$0.03000
Variable escalation	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
Pipline Arc	1	2	3	4	5	5	2	2
From AREA	Sumas	Stanfield	N. Green	S. Green	NIT	NIT	Stanfield	Stanfield
To Area	IMG	IMG	IMG	IMG	Stanfield	Stanfield	IMG	IMG
Check on Arc #	SumasIMG	StanfieldIMG	N. GreenIMG	S. GreenIMG	NITStanfield	NITStanfield	StanfieldIMG	StanfieldIMG
Check on Arc #	1	2	3	4	5	5	2	2
Exclusion 1	0	0	0	0	0	0	0	0
Exclusion 2	0	0	0	0	0	0	0	0
Must Run (NA)	0	0	0	0	0	0	0	0
Transport Rate	NWP-TF1	NWP-TF1	NWP-TF1	NWP-TF1	Nova, ANG PGT	Nova, ANG PGT	R-12	R-12

Intermountain Gas Company
2005-09 Integrated Resource Plan
Design Base Case Scenario

IGC Transport Resources
in MMBTU/Day

	Existing Storage LS	Existing IMG Pool ????	Existing Boise & Other Lateral	Existing Canyon Lateral	Existing Idaho Falls Lateral	Existing Sun Valley Lateral	Fill NWP Sumas to IMG	Fill NWP Stanfield to IMG
Resource Number	9	10	11	12	13	14	15	16
Resource Acronym	ENWP-LS	EIMG-PO	ELAT-BOI	ELAT-CAN	ELAT-CAN	ELAT-SUN	FNWP-SU	FNWP-ST
Fixed Cost 2005 $	$ 213,895	$ -				$ -	$ -	
FC Escalation	1.02	0				1	1.02	
Peak Capability	72,000	500,000	315,000	59,500	69,000	14,400	50,000	50,000
Year Beginning	1	1	1	1	1	1	1	1
Year End	5	5	5	5	5	5	5	5
Variable Cost 2005$/year	$0.03000	$0.00010	$0.00010	$0.00010	$0.00010	$0.00010	$0.30000	$0.30000
Variable escalation	1.02	1	1	1	1	1.02	1.02	1
Pipline Arc	2	6	6	7	8	9	1	2
From AREA	Stanfield	IMG	IMG	IMG	IMG	IMG	Sumas	Stanfield
To Area	IMG	Boise	Boise	Canyon	Idaho Falls	Sun Valley	IMG	IMG
Check on Arc #	StanfieldIMG	IMGBoise	IMGBoise	IMGCanyon	IMGIdaho Falls	IMGSun Valley	SumasIMG	StanfieldIMG
Check on Arc #	2	6	6	7	8	9	1	2
Exclusion 1	0					0	0	
Exclusion 2	0					0		
Must Run (NA)	0					1	0	
Transport Rate	R-13	0	0	0	0	0	NWP-TF1	NWP-TF1

Intermountain Gas Company
2005-09 Integrated Resource Plan
Design Base Case Scenario

IGC Transport Resources
in MMBTU/Day

	Fill NWP N Green to IMG	Fill NWP S Green to IMG	Fill Upstream @ Nova, ANG & PGT - Annual	Expansion Canyon Lateral 2005	Expansion Canyon Lateral 2007	Expansion Idaho Falls Lateral IV 2005	Expansion Idaho Falls Lateral V 2007	Expansion Sun Valley Lateral 2005
Resource Number	17	18	19	20	21	22	23	24
Resource Acronym	FNWP-NG	FNWP-SG	FPGT-AN	XLAT-CAN	XLAT-CAN2	XLAT-IF1	XLAT-IF2	XLAT-SUN
Fixed Cost 2005 $					$ 1,000,000	$ 5,000,000	$ 3,500,000	$ 500,000
FC Escalation					1	2	3	1
Peak Capability	50,000	50,000	10,000	10,500	10,000	3,500	14,500	2,000
Year Beginning	1	1	1	1	3	1	3	1
Year End	5	5	5	5	5	5	5	5
Variable Cost 2005$/year	$0.30000	$0.30000	$0.18000	$0.00015	$0.00015	$0.00015	$0.00015	$0.00015
Variable escalation	1	1	1	1	1.02	1.02	1	1.02
Pipline Arc	3	4	5	6	7	8	8	9
From AREA	N. Green	S. Green	NIT	IMG	IMG	IMG	IMG	IMG
To Area	IMG	IMG	Stanfield	Canyon	Canyon	Idaho Falls	Idaho Falls	Sun Valley
Check on Arc #	N. GreenIMG	S. GreenIMG	NITStanfield	IMGCanyon	IMGCanyon	IMGIdaho Falls	IMGIdaho Falls	IMGSun Valley
Check on Arc #	3	4	5	7	7	8	8	9
Exclusion 1					0	0	0	0
Exclusion 2					0	0	0	0
Must Run (NA)					1	1	1	1
Transport Rate	NWP-TF1	NWP-TF1	Nova/ANG/PGT	0	0	0	0	0

Intermountain Gas Company
2005-09 Integrated Resource Plan
Design Base Case Scenario

IGC Transport Resources
in MMBTU/Day

	Fill Boise Lateral	Fill Canyon Lateral	Fill Idaho Falls Lateral	Fill Sun Valley Lateral	BLANK	BLANK		
Resource Number	25	26	27	28	29	30	31	32
Resource Acronym	FLAT-BOI	FLAT-CAN	FLAT-IF	FLAT-SUN	BLANK	BLANK	BLANK	BLANK
Fixed Cost 2005 $	$ -	$ -	$ -	$ -				
FC Escalation	1.02	1.02	1.02	1.02				
Peak Capability	50,000	50,000	50,000	50,000	-	-	-	-
Year Beginning	1	1	1	1	0	0	0	0
Year End	5	5	5	5	0	0	0	0
Variable Cost 2005$/year	$10.00000	$10.00000	$10.00000	$10.00000	$0.00000	$0.00000	$0.00000	$0.00000
Variable escalation	1.02	1.02	1.02	1.02	0	0	0	0
Pipline Arc	6	7	8	9	0	0	0	0
From AREA	IMG	IMG	IMG	IMG				
To Area	Boise	Canyon	Idaho Falls	Sun Valley				
Check on Arc #	IMGBoise	IMGCanyon	MGIdaho Falls	IMGSun Valley				
Check on Arc #	6	7	8	9				
Exclusion 1	0	0	0	0				
Exclusion 2		0	0	0				
Must Run (NA)	0	0	0	0				
Transport Rate	0	0	0	0				

Exhibit No. 5

APPENDIX D

Model Results
Base Case

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1			12 = Number of periods											
50	# of resources	Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.6	0.6	0.6	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year 1																		
50 # of resources		Area		MMBtu		Capacity in MMBtu/day by Period												
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,129	41,279	17,130	0	0	0	0	0	0	0	0	0	112,538
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	248,160
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	43,622	48,321	48,321	16,188	0	0	0	398,056
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	12,392	12,392	12,391	12,392	12,392	7,693	0	0	0	0	0	0	69,651
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	7,062	1,384	0	0	0	0	8,446
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,654	29,654
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	1,472	0	1,472
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	11,608	0	0	0	41,608
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,736	0	0	0	0	0	0	16,921
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	5	7,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
47	FGP-Stan	Stanfield	2	10,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
48	FGP-CG	Citygate	6	10,000	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
49	FGP-SU2	Sumas	1	7,500	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
50	BLANK	0	0	0	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
					Totals	460,749	445,517	417,779	356,339	333,121	323,951	311,520	292,642	248,690	170,977	172,449	170,631	3,704,367

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	72,937		35,329	35,329	35,329	35,329	35,329	30,630	30,000	24,322	22,937	14,437	14,437	14,092	327,501
Stanfield			2	231,705		127,205	127,205	127,205	82,894	59,676	55,205	48,405	35,205	20,205	20,205	21,676	20,205	745,289
N. Green			3	71,955		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	76,852		52,852	52,852	52,852	52,852	52,852	52,852	47,852	47,852	39,455	15,500	15,500	15,500	498,771
IMG			6	147,880		85,380	85,380	85,380	85,380	85,380	85,380	85,380	85,380	85,380	70,380	70,380	70,380	979,560
Boise			7	60,000	278,180	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	112,538
Canyon			8	0	58,986	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	7,700	78,470	5,970	3,588	-	-	-	-	-	-	-	-	-	-	9,558
Sun Valley			10	200	14,613	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	430,249	454,249	439,017	411,279	349,839	326,621	317,451	305,020	286,142	242,190	170,977	172,449	170,631	3,645,867

This check looks at Peak Day Delivery of supply.

Model Check	Peak Dmd darea	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar**	Net AT **Node**
Sumas	**0**	0	25,329	25,329	25,329	-
Stanfield	**0**	44,352	124,205	168,557	168,557	-
N. Green	**0**	0	33,026	33,026	33,026	-
S. Green	**0**	0	60,358	60,358	60,358	-
NIT	**0**	0	44,352	44,352	44,352	-
IMG	**0**	287,270	82,880	370,150	370,150	-
Boise	**278,180**	224,051	54,129	278,180	-	278,180
Canyon	**58,986**	58,986	-	58,986	-	58,986
Idaho Falls	**78,470**	72,500	5,970	78,470	-	78,470
Sun Valley	**14,613**	14,613	-	14,613	-	14,613
Totals	430,249	701,772	430,249	1,132,022	701,772	430,249

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,970	3,588	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization V
Scenario: Design Base
April 2004

Year	1	Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
14	ST-3	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	72,000	72,000	144,000	138,444	35,771	0	0	0	0	0	0	0	462,215
17	EST-6	48,321	48,321	96,642	241,605	386,567	610,712	1,497,948	1,352,985	987,438	0	0	0	5,270,539
18	FGP-SU1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	12,392	12,392	24,783	61,959	99,132	107,698	0	0	0	0	0	0	318,355
20	WGP-SU	0	0	0	0	0	0	218,928	38,757	0	0	0	0	257,685
21	SGP-SU	0	0	0	0	0	0	0	0	0	610,000	610,000	888,213	2,108,213
22	FGP-ST	0	0	0	0	0	0	0	0	0	0	89,769	0	89,769
23	PGP-ST	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	0	0	0	0	0	0	465,000	420,000	708,074	0	0	0	1,593,074
28	SGP-AL	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	2,037	2,037	4,074	10,185	16,297	94,300	0	0	0	0	0	0	128,931
33	WGP-SG	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
47	FGP-Stan	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
48	FGP-CG	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
49	FGP-SU2	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
50	BLANK	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
		347,572	333,452	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,139,691

RP

ı Volumes
ıse Case

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ce	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	35,329	35,329	70,658	176,646	282,632	428,822	929,988	681,004	1,399,182	880,682	880,682	1,296,456	7,097,411
2	Stanfield	127,205	127,205	254,410	414,468	477,410	772,867	1,500,548	985,734	1,232,491	1,232,491	1,322,260	1,858,839	10,305,926
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	52,852	52,852	105,704	264,260	422,816	739,928	1,483,412	1,339,856	2,406,728	945,500	945,500	1,426,000	10,185,408
6	IMG	85,380	85,380	170,760	426,900	683,040	1,195,320	2,646,780	2,390,640	5,208,180	4,293,180	4,293,180	6,474,960	27,953,700
7	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,970	3,588	0	0	0	0	0	0	0	0	0	0	9,558
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		448,279	435,429	822,559	1,749,194	2,612,969	4,444,313	9,455,632	8,011,986	14,773,606	10,429,597	10,519,366	15,698,097	79,401,026

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Base Case
April 2004

Year 1			12 = Number of Periods											
50 # of resources		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volum
Scenario: Design Base Case
April 2004

Year	1					Injections MMBtu per period														
50	# of resources	Area	Injection			1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu		days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923			0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800			0	0	0	0	0	0	0	0	0	0	0	129,668	129,668	$ 86,878	129,668
14	ST-3	Stanfield	30,084			0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939			0	0	0	0	0	0	0	0	0	0	99,832	362,383	462,215	$ 259,025	462,215
17	EST-6	S. Green	47,649			0	0	0	0	0	0	0	0	0	564,416	1,762,123	2,944,000	5,270,539	$ 130,709	5,270,539
18	FGP-SU1	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base Case
April 2004

Year 1			Variable Cost Summary by Resource															
50 # of resources		Annual Volume MMBtu	Total Annual $/MMBtu	Injection Cost	Variable Cost	Total Variable Cost	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
1	EGP-SU-1	1,283,500	$5.34	$0	6,849,602	6,849,602	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2	EGP-AL-1	1,095,000	$4.59	$0	5,022,807	5,022,807	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3	EGP-AL-2	912,500	$4.79	$0	4,369,085	4,369,085	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4	EGP-ST-1	1,510,000	$5.34	$0	8,058,355	8,058,355	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5	EGP-NG-1	981,500	$5.09	$0	4,992,556	4,992,556	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6	EGP-NG-2	1,812,000	$5.09	$0	9,217,026	9,217,026	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7	EGP-SG-1	3,210,000	$4.21	$0	13,528,550	13,528,550	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8	EGP-SG-2	2,555,000	$4.57	$0	11,664,372	11,664,372	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9	EGP-SG-3	453,000	$5.09	$0	2,304,257	2,304,257	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10	EGP-CG-1	2,265,000	$5.40	$0	12,223,433	12,223,433	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11	EGP-CG-2	3,650,000	$4.58	$0	16,706,188	16,706,188	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12	ST-1	2,541,334	$4.78	$63,533	12,089,077	12,152,610	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13	ST-2	129,668	$5.89	$86,878	676,608	763,485	$282,445	$215,395	$178,768	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	ST-3	874,200	$4.78	$0	4,178,772	4,178,772	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15	ST-4	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	ST-5	462,215	$5.78	$259,025	2,411,839	2,670,864	$375,696	$375,696	$751,392	$722,400	$186,655	$0	$0	$0	$0	$0	$0	$0
17	EST-6	5,270,539	$4.82	$130,709	25,269,967	25,400,676	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,928,100	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18	FGP-SU1	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	PGP-SU	318,355	$5.56	$0	1,769,420	1,769,420	$68,875	$68,872	$137,742	$344,367	$550,977	$598,586	$0	$0	$0	$0	$0	$0
20	WGP-SU	257,685	$5.44	$0	1,401,289	1,401,289	$0	$0	$0	$0	$0	$0	$1,190,531	$210,758	$0	$0	$0	$0
21	SGP-SU	2,108,213	$4.32	$0	9,104,610	9,104,610	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,760,400
22	FGP-ST	89,769	$5.12	$0	459,660	459,660	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$459,660	$0
23	PGP-ST	620,000	$5.37	$0	3,328,160	3,328,160	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24	WGP-ST	885,000	$5.24	$0	4,635,630	4,635,630	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25	SGP-ST	2,140,000	$4.29	$0	9,190,233	9,190,233	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26	PGP-AL	620,000	$5.30	$0	3,284,760	3,284,760	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27	WGP-AL	1,593,074	$5.09	$0	8,112,632	8,112,632	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,530,102	$0	$0	$0
28	SGP-AL	2,140,000	$4.23	$0	9,061,833	9,061,833	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29	PGP-NG	188,207	$5.31	$0	999,003	999,003	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30	WGP-NG	728,543	$5.08	$0	3,701,105	3,701,105	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31	SGP-NG	2,140,000	$4.21	$0	9,019,033	9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32	PGP-SG	128,931	$5.31	$0	684,365	684,365	$10,813	$10,813	$21,626	$54,064	$86,503	$500,546	$0	$0	$0	$0	$0	$0
33	WGP-SG	1,035,188	$5.01	$0	5,184,068	5,184,068	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34	SGP-SG	2,140,000	$4.21	$0	9,019,033	9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35	PA-IF	1,270	$8.00	$0	10,154	10,154	$10,154	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36	SVLNG	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	T1&2-SU	1,619,657	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38	T1&T2-ST	2,629,743	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39	T1&T2-SG	3,086,005	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40	T3-IMG	821,250	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41	T4-IMG	20,304,950	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42	FGP-IMG	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43	FB-3	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44	MrktSell	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45	IFO	8,288	$7.81	$0	64,750	64,750	$36,716	$28,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46	FGP-NIT	1,283,500	$5.10	$0	6,541,562	6,541,562	$44,523	$44,523	$89,046	$222,615	$356,184	$623,322	$1,359,133	$1,227,604	$2,574,612	$0	$0	$0
47	FGP-Stan	1,095,000	$4.61	$0	5,044,707	5,044,707	$15,744	$15,744	$31,488	$78,720	$125,952	$220,416	$480,624	$434,112	$910,517	$822,677	$759,542	$1,149,172
48	FGP-CG	912,500	$4.68	$0	4,267,797	4,267,797	$13,295	$13,295	$26,590	$66,475	$106,360	$186,130	$405,945	$366,660	$769,439	$696,239	$643,626	$973,743
49	FGP-SU2	1,510,000	$5.34	$0	8,058,355	8,058,355	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
50	BLANK	981,500	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year														
12	Number of periods			12 = Number of Periods											
40	Number of Resources			Transport Utilization Rate											
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.4	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day 1	2	3	4	5	6	7	8	9	10	11	12	Annual Volume in MMBtu
1	ENWP-SU	Sumas	IMG	41,146	1	25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	751,050
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	48,159	29,921	17,040	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	10,269	12,716	0	0	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0	378,014
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	462,215
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	6,134,705
12	ELAT-CAN	IMG	Canyon	59,500	7	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	1,324,363
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	1,854,732
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	0	312,548
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,757	0	0	0	0	0	0	0	0	0	12,514
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	213	0	0	0	0	0	0	0	0	0	0	1,716	213
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day											
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12
	Area/Node Fro		Area/Node To						**Peak**	1	2	3	4	5	6	7	8	9	10	11	12
ARC #	Name	Area #	To	Area #			**ARC #**	**Max**	**Demand**	1	1	2	5	8	14	31	28	61	61	61	92
1	Sumas	1	IMG	6			**1**	91,146		25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092
2	Stanfiel	2	IMG	6			**2**	246,300		168,557	168,557	168,557	124,246	101,028	96,557	84,757	71,557	48,159	29,921	17,040	3,764
3	N. Gree	3	IMG	6			**3**	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455
4	S. Gree	4	IMG	6			**4**	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0
5	NIT	5	Stanfiel	2			**5**	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	12,716	0	0
6	IMG	6	Boise	7			**6**	875,500	278,180	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395
7	IMG	6	Canyon	8			**7**	119,500	58,986	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692
8	IMG	6	Idaho F	9			**8**	137,000	78,470	72,500	72,500	71,757	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387
9	IMG	6	Sun Val	10			9	66,400	14,613	14,613	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	1,716
	Transport Lateral + Storage = Peak Demand								430,249	701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501

Storage @	Boise							54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Storage @	Canyon							-	-	-	-	-	-	-	-	-	-	-	-
Storage @	Idaho Falls							5,970	3,588	-	-	-	-	-	-	-	-	-	-
Storage @	Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-
Total @	Boise						**278,180**	**278,180**	**268,086**	**249,703**	**208,984**	**193,595**	**187,501**	**179,120**	**166,610**	**137,485**	**94,569**	**73,013**	**62,395**
Total @	Canyon						**58,986**	**58,986**	**56,830**	**52,900**	**44,196**	**40,899**	**39,612**	**37,921**	**35,256**	**29,031**	**19,866**	**15,269**	**12,692**
Total @	Idaho Falls						**78,470**	**78,470**	**76,088**	**71,757**	**62,161**	**58,543**	**57,113**	**55,229**	**52,270**	**45,400**	**35,288**	**30,213**	**27,387**
Total @	Sun Valley						**14,613**	**14,613**	**14,012**	**12,919**	**10,497**	**9,584**	**9,225**	**8,750**	**8,006**	**6,274**	**3,717**	**2,431**	**1,716**
							430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190

Transport & Supply Balance															
From Above	To IMG	Transport	287,270	287,270	303,087	242,959	219,741	210,571	198,140	179,262	135,310	85,560	53,045	36,310
From Above	To Laterals	Transport	370,150	370,150	370,150	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190
From Utilization	Storage		60,099	44,868	17,130	-	-	-	-	-	-	-	-	-
From Above	Total Strg &	Transport	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**104,190**
From Gas Utilization	Gas Supply	Supply	**460,749**	**445,517**	**417,779**	356,339	333,121	323,951	311,520	292,642	248,690	170,977	172,449	170,631
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097
IGC own supply		Supply	382,772	367,540	339,802	278,362	255,144	245,974	233,543	214,665	170,713	93,000	94,472	92,654
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880
From LDC	Dist	Demand	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**102,781**
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92
From Gas Utilization	Gas Supply	Volume Sup	460,749	445,517	835,559	1,781,694	2,664,969	4,535,313	9,657,132	8,193,986	15,170,106	10,429,597	10,519,366	15,698,097
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Sup	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924
IGC own supply		Volume Sup	382,772	367,540	679,605	1,391,809	2,041,153	3,443,635	7,239,845	6,010,630	10,413,509	5,673,000	5,762,769	8,524,213
No Cost Gas @ IMG	T-3 & T-4	Volume Sup	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960
From LDC		Demand	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	9,359,847	7,376,411	9,455,846
Storage Injections			30,500	30,500	61,000	152,500	244,000	427,000	945,500	854,000	1,860,500	1,069,750	3,142,955	6,242,251

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Base Case
April 2004

1 Year Resource		Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	751,050	$0.036	1.0	$27,113	$27,113
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	462,215	$0.030	1.0	$13,866	$13,866
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,134,705	$0.000	1.0	$613	$613
12	ELAT-CAN	1,324,363	$0.000	1.0	$132	$132
13	ELAT-CAN	1,854,732	$0.000	1.0	$185	$185
14	ELAT-SUN	312,548	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	12,514	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	213	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,115,416			265,488	265,488

Year 1
ANNUAL SUMMARY

Total Transport Cost
$265,488
Total Resource Cost
$243,044,794
Total IRP Costs
$243,310,282
PV $s
221,191,166

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1				12 = Number of periods											
50	# of resources		Area		Utilization rates by period											
Resource			Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1		Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1		NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2		NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1		Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1		N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2		N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1		S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2		S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3		S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1		IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2		IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1		NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2		Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3		Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4		Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5		Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6		S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1		Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU		Sumas	1	0.6	0.6	0.6	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU		Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0
21	SGP-SU		Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
22	FGP-ST		Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST		Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST		Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST		Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL		NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL		NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0
28	SGP-AL		NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG		N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG		N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG		N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG		S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG		S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG		S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF		Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG		Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU		Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST		Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG		S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG		IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG		IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG		IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3		IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell		IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO		Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT		NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan		Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG		Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2		Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK		0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1																	
50	# of resources	Area		MMBtu		Capacity in MMBtu/day by Period												
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,129	41,279	17,130	0	0	0	0	0	0	0	0	0	112,538
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	248,160
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	43,622	48,321	48,321	16,188	0	0	0	398,056
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	12,392	12,392	12,391	12,392	12,392	7,693	0	0	0	0	0	0	69,651
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	7,062	1,384	0	0	0	0	8,446
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,654	29,654
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	1,472	0	1,472
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	11,608	0	0	0	41,608
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,736	0	0	0	0	0	0	16,921
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	5	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Year 2				**Totals**	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		25,329	25,329	25,329	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	237,501
Stanfield			2	214,500		124,205	124,205	124,205	79,894	56,676	52,205	45,405	32,205	17,205	17,205	18,676	17,205	709,289
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	15,500	15,500	15,500	422,271
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	278,180	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	112,538
Canyon			8	0	58,986	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	78,470	5,970	3,588	-	-	-	-	-	-	-	-	-	-	9,558
Sun Valley			10	200	14,613	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	25,329	25,329	25,329	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	287,270	82,880	370,150	370,150	-
7	7	Boise	**278,180**	224,051	54,129	278,180	-	278,180
8	8	Canyon	**58,986**	58,986	-	58,986	-	58,986
9	9	Idaho Falls	**78,470**	72,500	5,970	78,470	-	78,470
10	10	Sun Valley	**14,613**	14,613	-	14,613	-	14,613
		Totals	430,249	701,772	430,249	#######	701,772	430,249

Storage by Period													
Boise	Storage	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,970	3,588	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Base Case
April 2004

Year	1		Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	138,444	35,771	0	0	0	0	0	0	0	462,215
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	610,712	1,497,948	1,352,985	987,438	0	0	0	5,270,539
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	12,392	12,392	24,783	61,959	99,132	107,698	0	0	0	0	0	0	318,355
20	WGP-SU	Sumas	0	0	0	0	0	0	218,928	38,757	0	0	0	0	257,685
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	888,213	2,108,213
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	89,769	0	89,769
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	708,074	0	0	0	1,593,074
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	94,300	0	0	0	0	0	0	128,931
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			347,572	333,452	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,139,691

Year 2

RP

ı Volumes
ıse Case

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	25,329	25,329	50,658	126,646	202,632	288,822	619,988	401,004	789,182	880,682	880,682	1,296,456	5,587,411
2	Stanfield	124,205	124,205	248,410	399,468	453,410	730,867	1,407,548	901,734	1,049,491	1,049,491	1,139,260	1,582,839	9,210,926
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,888,228	945,500	945,500	1,426,000	8,901,908
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,970	3,588	0	0	0	0	0	0	0	0	0	0	9,558
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		424,279	411,429	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,600,026

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Base Case
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Base Case
April 2004

Year 1					Injections MMBtu per period														
50 # of resource		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,668	129,668	$ 86,878	129,668
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	99,832	362,383	462,215	$ 259,025	462,215
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	564,416	1,762,123	2,944,000	5,270,539	$ 130,709	5,270,539
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base Case
April 2004

Year	1	Annual Volume MMBtu	Variable Cost Summary by Res		
50 # of resources			Total Annual $/MMBtu	Injection Cost	Variable Cost
Resource					
1 EGP-SU-1		1,283,500	$5.34	$0	6,849,602
2 EGP-AL-1		1,095,000	$4.59	$0	5,022,807
3 EGP-AL-2		912,500	$4.79	$0	4,369,085
4 EGP-ST-1		1,510,000	$5.34	$0	8,058,355
5 EGP-NG-1		981,500	$5.09	$0	4,992,556
6 EGP-NG-2		1,812,000	$5.09	$0	9,217,026
7 EGP-SG-1		3,210,000	$4.21	$0	13,528,550
8 EGP-SG-2		2,555,000	$4.57	$0	11,664,372
9 EGP-SG-3		453,000	$5.09	$0	2,304,257
10 EGP-CG-1		2,265,000	$5.40	$0	12,223,433
11 EGP-CG-2		3,650,000	$4.58	$0	16,706,188
12 ST-1		2,541,334	$4.78	$63,533	12,089,077
13 ST-2		129,668	$5.89	$86,878	676,608
14 ST-3		874,200	$4.78	$0	4,178,772
15 ST-4		0	$0.00	$0	0
16 ST-5		462,215	$5.78	$259,025	2,411,839
17 EST-6		5,270,539	$4.82	$130,709	25,269,967
18 FGP-SU1		0	$0.00	$0	0
19 PGP-SU		318,355	$5.56	$0	1,769,420
20 WGP-SU		257,685	$5.44	$0	1,401,289
21 SGP-SU		2,108,213	$4.32	$0	9,104,610
22 FGP-ST		89,769	$5.12	$0	459,660
23 PGP-ST		620,000	$5.37	$0	3,328,160
24 WGP-ST		885,000	$5.24	$0	4,635,630
25 SGP-ST		2,140,000	$4.29	$0	9,190,233
26 PGP-AL		620,000	$5.30	$0	3,284,760
27 WGP-AL		1,593,074	$5.09	$0	8,112,632
28 SGP-AL		2,140,000	$4.23	$0	9,061,833
29 PGP-NG		188,207	$5.31	$0	999,003
30 WGP-NG		728,543	$5.08	$0	3,701,105
31 SGP-NG		2,140,000	$4.21	$0	9,019,033
32 PGP-SG		128,931	$5.31	$0	684,365
33 WGP-SG		1,035,188	$5.01	$0	5,184,068
34 SGP-SG		2,140,000	$4.21	$0	9,019,033
35 PA-IF		1,270	$8.00	$0	10,154
36 SVLNG		0	$0.00	$0	0
37 T1&2-SU		1,619,657	$0.00	$0	0
38 T1&T2-ST		2,629,743	$0.00	$0	0
39 T1&T2-SG		3,086,005	$0.00	$0	0
40 T3-IMG		821,250	$0.00	$0	0
41 T4-IMG		20,304,950	$0.00	$0	0
42 FGP-IMG		0	$0.00	$0	0
43 FB-3		0	$0.00	$0	0
44 MrktSell		0	$0.00	$0	0
45 IFO		8,288	$7.81	$0	64,750
46 FGP-NIT		0	$0.00	$0	0
47 FGP-Stan		0	$0.00	$0	0
48 FGP-CG		0	$0.00	$0	0
49 FGP-SU2		0	$0.00	$0	0
50 BLANK		0	$0.00	$0	0

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base
April 2004

Year	1	ource												
50 # of resources		Total Variable Cost	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Resource														
1 EGP-SU-1		6,849,602	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		5,022,807	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		4,369,085	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		8,058,355	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		4,992,556	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		9,217,026	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		13,528,550	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		11,664,372	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		2,304,257	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		12,223,433	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		16,706,188	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		12,152,610	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		763,485	$282,445	$215,395	$178,768	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		4,178,772	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		2,670,864	$375,696	$375,696	$751,392	$722,400	$186,655	$0	$0	$0	$0	$0	$0	$0
17 EST-6		25,400,676	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,928,100	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19 PGP-SU		1,769,420	$68,875	$68,872	$137,742	$344,367	$550,977	$598,586	$0	$0	$0	$0	$0	$0
20 WGP-SU		1,401,289	$0	$0	$0	$0	$0	$0	$1,190,531	$210,758	$0	$0	$0	$0
21 SGP-SU		9,104,610	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,760,400
22 FGP-ST		459,660	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$459,660	$0
23 PGP-ST		3,328,160	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		4,635,630	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25 SGP-ST		9,190,233	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		3,284,760	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		8,112,632	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,530,102	$0	$0	$0
28 SGP-AL		9,061,833	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		999,003	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		3,701,105	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		684,365	$10,813	$10,813	$21,626	$54,064	$86,503	$500,546	$0	$0	$0	$0	$0	$0
33 WGP-SG		5,184,068	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		10,154	$10,154	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		64,750	$36,716	$28,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year																	
12	Number of periods			12 = Number of Periods														Transport
40	Number of Resources			Transport Utilization Rate														Capability
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12			MMBtu/day
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3			41,146
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.3	0.2	0.0			86,800
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6			33,026
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0			60,358
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.4	0.0	0.0			32,158
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0			20,686
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0			15,000
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			22,500
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0			72,000
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			500,000
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2			315,000
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2			59,500
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4			69,000
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0			14,400
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			10,000
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			10,500
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			10,000
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			3,500
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			14,500
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9			2,000
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			50,000
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Arc	Transport Capacity by Period in MMBtu Per Day 1	2	3	4	5	6	7	8	9	10	11	12	Annual Volume in MMBtu
1	ENWP-SU	Sumas	IMG	1	25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	751,050
2	ENWP-ST	Stanfield	IMG	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	48,159	29,921	17,040	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	1,871,098
5	EPGT-AN	NIT	Stanfield	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	10,269	12,716	0	0	996,898
6	EPGT-WI	NIT	Stanfield	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0	378,014
7	ENWP-JP	Stanfield	IMG	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	2	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	462,215
10	EIMG-PO	IMG	Boise	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	6	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	6,134,705
12	ELAT-CAN	IMG	Canyon	7	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	1,324,363
13	ELAT-CAN	IMG	Idaho Falls	8	69,000	69,000	69,000	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	1,854,732
14	ELAT-SUN	IMG	Sun Valley	9	14,400	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	0	312,548
15	FNWP-SU	Sumas	IMG	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	8	3,500	3,500	2,757	0	0	0	0	0	0	0	0	0	12,514
23	XLAT-IF2	IMG	Idaho Falls	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	9	213	0	0	0	0	0	0	0	0	0	0	1,716	213
25	FLAT-BOI	IMG	Boise	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node Fr		Area/Node To						**Peak**	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area	To	Area #			**ARC**	**Max**	**Demand**	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			**1**	91,146		25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	
2	Stanfield	2	IMG	6			**2**	246,300		168,557	168,557	168,557	124,246	101,028	96,557	84,757	71,557	48,159	29,921	17,040	3,764	
3	N. Green	3	IMG	6			**3**	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6			**4**	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	
5	NIT	5	Stanfield	2			**5**	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	12,716	0	0	
6	IMG	6	Boise	7			**6**	875,500	278,180	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	
7	IMG	6	Canyon	8			**7**	119,500	58,986	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	
8	IMG	6	Idaho Falls	9			**8**	137,000	78,470	72,500	72,500	71,757	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	
9	IMG	6	Sun Valley	10			9	66,400	14,613	14,613	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	1,716	
	Transport Lateral + Storage = Peak Demand								430,249	701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	
Storage @			Boise							54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							5,970	3,588	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**278,180**	**278,180**	**268,086**	**249,703**	**208,984**	**193,595**	**187,501**	**179,120**	**166,610**	**137,485**	**94,569**	**73,013**	**62,395**	
Total @			Canyon						**58,986**	**58,986**	**56,830**	**52,900**	**44,196**	**40,899**	**39,612**	**37,921**	**35,256**	**29,031**	**19,866**	**15,269**	**12,692**	
Total @			Idaho Falls						**78,470**	**78,470**	**76,088**	**71,757**	**62,161**	**58,543**	**57,113**	**55,229**	**52,270**	**45,400**	**35,288**	**30,213**	**27,387**	
Total @			Sun Valley						**14,613**	**14,613**	**14,012**	**12,919**	**10,497**	**9,584**	**9,225**	**8,750**	**8,006**	**6,274**	**3,717**	**2,431**	**1,716**	
									430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190	

Transport & Supply Balane

From Above	To IMG	Transport	287,270	287,270	303,087	242,959	219,741	210,571	198,140	179,262	135,310	85,560	53,045	36,310	
From Above	To Laterals	Transport	370,150	370,150	370,150	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190	
From Utilization	Storage		60,099	44,868	17,130	-	-	-	-	-	-	-	-	-	
From Above	Total Strg &	Transport	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**104,190**	
From Gas Utilization	Gas Supply	Supply	**430,249**	**415,017**	**387,279**	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	352,272	337,040	309,302	247,862	224,644	215,474	203,043	184,165	140,213	87,500	88,972	87,154	
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
From LDC	Dist	Demand	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**102,781**	
Days	Volumes below		1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Sup	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,609,585
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Sup	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Sup	352,272	337,040	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,147,980
No Cost Gas @ IMG	T-3 & T-4	Volume Sup	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC		Demand	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	9,359,847	7,376,411	9,455,846	65,331,629
Storage Injections			0	0	0	0	0	0	0	0	0	734,250	2,807,455	5,736,251	9,277,956

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Base Case
April 2004

1 Year	Resource	Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	751,050	$0.036	1.0	$27,113	$27,113
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	462,215	$0.030	1.0	$13,866	$13,866
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,134,705	$0.000	1.0	$613	$613
12	ELAT-CAN	1,324,363	$0.000	1.0	$132	$132
13	ELAT-CAN	1,854,732	$0.000	1.0	$185	$185
14	ELAT-SUN	312,548	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	12,514	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	213	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!

Year 2
ANNUAL SUMMARY

Total Transport Cost
$265,488
Total Resource Cost
$219,132,374
Total IRP Costs
$219,397,862
PV $s
199,452,602

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Base Case
April 2004

1 Year Resource	Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
	18,115,416			265,488	265,488

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1			12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.6	0.6	0.6	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 3

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1																		
50	# of resources	Area		MMBtu		Capacity in MMBtu/day by Period													
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,129	41,279	17,130	0	0	0	0	0	0	0	0	0	112,538
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	248,160
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	43,622	48,321	48,321	16,188	0	0	0	398,056
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	12,392	12,392	12,391	12,392	12,392	7,693	0	0	0	0	0	0	69,651
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	7,062	1,384	0	0	0	0	8,446
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,654	29,654
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	1,472	0	1,472
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	11,608	0	0	0	41,608
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,736	0	0	0	0	0	0	16,921
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	5	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

Year 3

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		25,329	25,329	25,329	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	237,501
Stanfield			2	214,500		124,205	124,205	124,205	79,894	56,676	52,205	45,405	32,205	17,205	17,205	18,676	17,205	709,289
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	15,500	15,500	15,500	422,271
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	278,180	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	112,538
Canyon			8	0	58,986	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	78,470	5,970	3,588	-	-	-	-	-	-	-	-	-	-	9,558
Sun Valley			10	200	14,613	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	25,329	25,329	25,329	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	287,270	82,880	370,150	370,150	-
7	7	Boise	**278,180**	224,051	54,129	278,180	-	278,180
8	8	Canyon	**58,986**	58,986	-	58,986	-	58,986
9	9	Idaho Falls	**78,470**	72,500	5,970	78,470	-	78,470
10	10	Sun Valley	**14,613**	14,613	-	14,613	-	14,613
		Totals	430,249	701,772	430,249	########	701,772	430,249

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,970	3,588	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Base Case
April 2004

Year	1		Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	138,444	35,771	0	0	0	0	0	0	0	462,215
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	610,712	1,497,948	1,352,985	987,438	0	0	0	5,270,539
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	12,392	12,392	24,783	61,959	99,132	107,698	0	0	0	0	0	0	318,355
20	WGP-SU	Sumas	0	0	0	0	0	0	218,928	38,757	0	0	0	0	257,685
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	888,213	2,108,213
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	89,769	0	89,769
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	708,074	0	0	0	1,593,074
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	94,300	0	0	0	0	0	0	128,931
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			347,572	333,452	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,139,691

Year 3

RP

ı Volumes
ıse Case

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	25,329	25,329	50,658	126,646	202,632	288,822	619,988	401,004	789,182	880,682	880,682	1,296,456	5,587,411
2	Stanfield	124,205	124,205	248,410	399,468	453,410	730,867	1,407,548	901,734	1,049,491	1,049,491	1,139,260	1,582,839	9,210,926
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,888,228	945,500	945,500	1,426,000	8,901,908
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,970	3,588	0	0	0	0	0	0	0	0	0	0	9,558
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		424,279	411,429	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,600,026

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Base Case
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 3

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Base Case
April 2004

Year 1					Injections MMBtu per period														
50 # of resource		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,668	129,668	$ 86,878	129,668
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	99,832	362,383	462,215	$ 259,025	462,215
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	564,416	1,762,123	2,944,000	5,270,539	$ 130,709	5,270,539
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base Case
April 2004

Year	1		Annual Volume MMBtu	Variable Cost Summary by Res		
50 # of resources				Total Annual $/MMBtu	Injection Cost	Variable Cost
Resource						
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077
13	ST-2		129,668	$5.89	$86,878	676,608
14	ST-3		874,200	$4.78	$0	4,178,772
15	ST-4		0	$0.00	$0	0
16	ST-5		462,215	$5.78	$259,025	2,411,839
17	EST-6		5,270,539	$4.82	$130,709	25,269,967
18	FGP-SU1		0	$0.00	$0	0
19	PGP-SU		318,355	$5.56	$0	1,769,420
20	WGP-SU		257,685	$5.44	$0	1,401,289
21	SGP-SU		2,108,213	$4.32	$0	9,104,610
22	FGP-ST		89,769	$5.12	$0	459,660
23	PGP-ST		620,000	$5.37	$0	3,328,160
24	WGP-ST		885,000	$5.24	$0	4,635,630
25	SGP-ST		2,140,000	$4.29	$0	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760
27	WGP-AL		1,593,074	$5.09	$0	8,112,632
28	SGP-AL		2,140,000	$4.23	$0	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033
32	PGP-SG		128,931	$5.31	$0	684,365
33	WGP-SG		1,035,188	$5.01	$0	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033
35	PA-IF		1,270	$8.00	$0	10,154
36	SVLNG		0	$0.00	$0	0
37	T1&2-SU		1,619,657	$0.00	$0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0
40	T3-IMG		821,250	$0.00	$0	0
41	T4-IMG		20,304,950	$0.00	$0	0
42	FGP-IMG		0	$0.00	$0	0
43	FB-3		0	$0.00	$0	0
44	MrktSell		0	$0.00	$0	0
45	IFO		8,288	$7.81	$0	64,750
46	FGP-NIT		0	$0.00	$0	0
47	FGP-Stan		0	$0.00	$0	0
48	FGP-CG		0	$0.00	$0	0
49	FGP-SU2		0	$0.00	$0	0
50	BLANK		0	$0.00	$0	0

Year 3

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base
April 2004

Year	1	ource												
50 # of resources		Total Variable Cost	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Resource														
1 EGP-SU-1		6,849,602	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		5,022,807	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		4,369,085	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		8,058,355	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		4,992,556	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		9,217,026	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		13,528,550	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		11,664,372	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		2,304,257	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		12,223,433	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		16,706,188	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		12,152,610	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		763,485	$282,445	$215,395	$178,768	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		4,178,772	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		2,670,864	$375,696	$375,696	$751,392	$722,400	$186,655	$0	$0	$0	$0	$0	$0	$0
17 EST-6		25,400,676	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,928,100	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19 PGP-SU		1,769,420	$68,875	$68,872	$137,742	$344,367	$550,977	$598,586	$0	$0	$0	$0	$0	$0
20 WGP-SU		1,401,289	$0	$0	$0	$0	$0	$0	$1,190,531	$210,758	$0	$0	$0	$0
21 SGP-SU		9,104,610	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,760,400
22 FGP-ST		459,660	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$459,660	$0
23 PGP-ST		3,328,160	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		4,635,630	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25 SGP-ST		9,190,233	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		3,284,760	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		8,112,632	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,530,102	$0	$0	$0
28 SGP-AL		9,061,833	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		999,003	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		3,701,105	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		684,365	$10,813	$10,813	$21,626	$54,064	$86,503	$500,546	$0	$0	$0	$0	$0	$0
33 WGP-SG		5,184,068	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		10,154	$10,154	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		64,750	$36,716	$28,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year															
12	Number of periods				12 = Number of Periods											
40	Number of Resources				Transport Utilization Rate											
Resource		From	To		1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG		0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG		0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.4	0.0	0.0
6	EPGT-WI	NIT	Stanfield		0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG		1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG		1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise		0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon		1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls		1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley		1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls		1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day 1	2	3	4	5	6	7	8	9	10	11	12	Annual Volume in MMBtu
1	ENWP-SU	Sumas	IMG	41,146	1	25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	751,050
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	48,159	29,921	17,040	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	10,269	12,716	0	0	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0	378,014
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	462,215
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	6,134,705
12	ELAT-CAN	IMG	Canyon	59,500	7	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	1,324,363
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	1,854,732
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	0	312,548
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,757	0	0	0	0	0	0	0	0	0	12,514
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	213	0	0	0	0	0	0	0	0	0	0	1,716	213
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #		ARC #		Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6		1		91,146		25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	
2	Stanfield	2	IMG	6		2		246,300		168,557	168,557	168,557	124,246	101,028	96,557	84,757	71,557	48,159	29,921	17,040	3,764	
3	N. Green	3	IMG	6		3		83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6		4		110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	
5	NIT	5	Stanfield	2		5		62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	12,716	0	0	
6	IMG	6	Boise	7		6		875,500	278,180	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	
7	IMG	6	Canyon	8		7		119,500	58,986	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	
8	IMG	6	Idaho Falls	9		8		137,000	78,470	72,500	72,500	71,757	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	
9	IMG	6	Sun Valley	10		9		66,400	14,613	14,613	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	1,716	
	Transport Lateral + Storage = Peak Demand								430,249	701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	
Storage @			Boise							54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							5,970	3,588	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**278,180**	**278,180**	**268,086**	**249,703**	**208,984**	**193,595**	**187,501**	**179,120**	**166,610**	**137,485**	**94,569**	**73,013**	**62,395**	
Total @			Canyon						**58,986**	**58,986**	**56,830**	**52,900**	**44,196**	**40,899**	**39,612**	**37,921**	**35,256**	**29,031**	**19,866**	**15,269**	**12,692**	
Total @			Idaho Falls						**78,470**	**78,470**	**76,088**	**71,757**	**62,161**	**58,543**	**57,113**	**55,229**	**52,270**	**45,400**	**35,288**	**30,213**	**27,387**	
Total @			Sun Valley						**14,613**	**14,613**	**14,012**	**12,919**	**10,497**	**9,584**	**9,225**	**8,750**	**8,006**	**6,274**	**3,717**	**2,431**	**1,716**	
									430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190	

			Transport & Supply Balane													
From Above			To IMG	Transport	287,270	287,270	303,087	242,959	219,741	210,571	198,140	179,262	135,310	85,560	53,045	36,310
From Above			To Laterals	Transport	370,150	370,150	370,150	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190
From Utilization			Storage		60,099	44,868	17,130	-	-	-	-	-	-	-	-	-
From Above			Total Strg & Transport		**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**104,190**
From Gas Utilization			Gas Supply	Supply	**430,249**	**415,017**	**387,279**	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131
No Cost @ Sumas/SGreen/Stan			T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097
IGC own supply				Supply	352,272	337,040	309,302	247,862	224,644	215,474	203,043	184,165	140,213	87,500	88,972	87,154
No Cost Gas @ IMG			T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880
From LDC			Dist	Demand	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**102,781**
Days		Volumes below			1	1	2	5	8	14	31	28	61	61	61	92
From Gas Utilization			Gas Supply	Volume Supp	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,609,585
No Cost @ Sumas/SGreen/Stan			T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply				Volume Supp	352,272	337,040	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,147,980
No Cost Gas @ IMG			T-3 & T-4	Volume Supp	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC				Demand	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	9,359,847	7,376,411	9,455,846	65,331,629
Storage Injections					0	0	0	0	0	0	0	0	0	734,250	2,807,455	5,736,251	9,277,956

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Base Case
April 2004

1 Year Resource		Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	751,050	$0.036	1.0	$27,113	$27,113
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	462,215	$0.030	1.0	$13,866	$13,866
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,134,705	$0.000	1.0	$613	$613
12	ELAT-CAN	1,324,363	$0.000	1.0	$132	$132
13	ELAT-CAN	1,854,732	$0.000	1.0	$185	$185
14	ELAT-SUN	312,548	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	12,514	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	213	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,115,416			265,488	265,488

Year 3
ANNUAL SUMMARY

Total Transport Cost
$265,488
Total Resource Cost
$219,132,374
Total IRP Costs
$219,397,862
PV $s
199,452,602

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1			12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.6	0.6	0.6	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1																		
50	# of resources	Area		MMBtu		Capacity in MMBtu/day by Period												
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,129	41,279	17,130	0	0	0	0	0	0	0	0	0	112,538
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	248,160
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	43,622	48,321	48,321	16,188	0	0	0	398,056
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	12,392	12,392	12,391	12,392	12,392	7,693	0	0	0	0	0	0	69,651
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	7,062	1,384	0	0	0	0	8,446
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,654	29,654
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	1,472	0	1,472
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	11,608	0	0	0	41,608
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,736	0	0	0	0	0	0	16,921
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	5	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

Year 4

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		25,329	25,329	25,329	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	237,501
Stanfield			2	214,500		124,205	124,205	124,205	79,894	56,676	52,205	45,405	32,205	17,205	17,205	18,676	17,205	709,289
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	15,500	15,500	15,500	422,271
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	278,180	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	112,538
Canyon			8	0	58,986	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	78,470	5,970	3,588	-	-	-	-	-	-	-	-	-	-	9,558
Sun Valley			10	200	14,613	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	25,329	25,329	25,329	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	287,270	82,880	370,150	370,150	-
7	7	Boise	**278,180**	224,051	54,129	278,180	-	278,180
8	8	Canyon	**58,986**	58,986	-	58,986	-	58,986
9	9	Idaho Falls	**78,470**	72,500	5,970	78,470	-	78,470
10	10	Sun Valley	**14,613**	14,613	-	14,613	-	14,613
		Totals	430,249	701,772	430,249	########	701,772	430,249

Storage by Period													
Boise	Storage	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,970	3,588	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Base Case
April 2004

Year 1			Flow Capacity in MMBtu Per Period * Number of days in period												
50 # of resources		Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	138,444	35,771	0	0	0	0	0	0	0	462,215
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	610,712	1,497,948	1,352,985	987,438	0	0	0	5,270,539
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	12,392	12,392	24,783	61,959	99,132	107,698	0	0	0	0	0	0	318,355
20	WGP-SU	Sumas	0	0	0	0	0	0	218,928	38,757	0	0	0	0	257,685
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	888,213	2,108,213
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	89,769	0	89,769
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	708,074	0	0	0	1,593,074
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	94,300	0	0	0	0	0	0	128,931
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			347,572	333,452	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,139,691

Year 4

RP

ı Volumes
ıse Case

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ce	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	25,329	25,329	50,658	126,646	202,632	288,822	619,988	401,004	789,182	880,682	880,682	1,296,456	5,587,411
2	Stanfield	124,205	124,205	248,410	399,468	453,410	730,867	1,407,548	901,734	1,049,491	1,049,491	1,139,260	1,582,839	9,210,926
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,888,228	945,500	945,500	1,426,000	8,901,908
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,970	3,588	0	0	0	0	0	0	0	0	0	0	9,558
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		424,279	411,429	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,600,026

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Base Case
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Base Case
April 2004

Year 1					Injections MMBtu per period														
50 # of resource	Area	Injection			1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource	Delivered	MMBtu	days		1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1 EGP-SU-1	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2 EGP-AL-1	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3 EGP-AL-2	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4 EGP-ST-1	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5 EGP-NG-1	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6 EGP-NG-2	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7 EGP-SG-1	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8 EGP-SG-2	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9 EGP-SG-3	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10 EGP-CG-1	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11 EGP-CG-2	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12 ST-1	NIT	26,923			0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13 ST-2	Boise	2,800			0	0	0	0	0	0	0	0	0	0	0	129,668	129,668	$ 86,878	129,668
14 ST-3	Stanfield	30,084			0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15 ST-4	Stanfield	30,084			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16 ST-5	Stanfield	3,939			0	0	0	0	0	0	0	0	0	0	99,832	362,383	462,215	$ 259,025	462,215
17 EST-6	S. Green	47,649			0	0	0	0	0	0	0	0	0	564,416	1,762,123	2,944,000	5,270,539	$ 130,709	5,270,539
18 FGP-SU1	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19 PGP-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20 WGP-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21 SGP-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22 FGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23 PGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24 WGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25 SGP-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26 PGP-AL	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27 WGP-AL	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28 SGP-AL	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29 PGP-NG	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30 WGP-NG	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31 SGP-NG	N. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32 PGP-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33 WGP-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34 SGP-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35 PA-IF	Idaho Falls	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36 SVLNG	Sun Valley	0			0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37 T1&2-SU	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38 T1&T2-ST	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39 T1&T2-SG	S. Green	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40 T3-IMG	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41 T4-IMG	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42 FGP-IMG	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43 FB-3	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44 MrktSell	IMG	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45 IFO	Idaho Falls	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46 FGP-NIT	NIT	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47 FGP-Stan	Stanfield	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48 FGP-CG	Citygate	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49 FGP-SU2	Sumas	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50 BLANK	0	0			0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base Case
April 2004

Year 1			Variable Cost Summary by Resource															
50 # of resources		Annual Volume	Total Annual	Injection	Variable	Total Variable	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period
Resource		MMBtu	$/MMBtu	Cost	Cost	Cost	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	1,283,500	$5.34	$0	6,849,602	6,849,602	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2	EGP-AL-1	1,095,000	$4.59	$0	5,022,807	5,022,807	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3	EGP-AL-2	912,500	$4.79	$0	4,369,085	4,369,085	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4	EGP-ST-1	1,510,000	$5.34	$0	8,058,355	8,058,355	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5	EGP-NG-1	981,500	$5.09	$0	4,992,556	4,992,556	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6	EGP-NG-2	1,812,000	$5.09	$0	9,217,026	9,217,026	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7	EGP-SG-1	3,210,000	$4.21	$0	13,528,550	13,528,550	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8	EGP-SG-2	2,555,000	$4.57	$0	11,664,372	11,664,372	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9	EGP-SG-3	453,000	$5.09	$0	2,304,257	2,304,257	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10	EGP-CG-1	2,265,000	$5.40	$0	12,223,433	12,223,433	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11	EGP-CG-2	3,650,000	$4.58	$0	16,706,188	16,706,188	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12	ST-1	2,541,334	$4.78	$63,533	12,089,077	12,152,610	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13	ST-2	129,668	$5.89	$86,878	676,608	763,485	$282,445	$215,395	$178,768	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	ST-3	874,200	$4.78	$0	4,178,772	4,178,772	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15	ST-4	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	ST-5	462,215	$5.78	$259,025	2,411,839	2,670,864	$375,696	$375,696	$751,392	$722,400	$186,655	$0	$0	$0	$0	$0	$0	$0
17	EST-6	5,270,539	$4.82	$130,709	25,269,967	25,400,676	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,928,100	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18	FGP-SU1	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	PGP-SU	318,355	$5.56	$0	1,769,420	1,769,420	$68,875	$68,872	$137,742	$344,367	$550,977	$598,586	$0	$0	$0	$0	$0	$0
20	WGP-SU	257,685	$5.44	$0	1,401,289	1,401,289	$0	$0	$0	$0	$0	$0	$1,190,531	$210,758	$0	$0	$0	$0
21	SGP-SU	2,108,213	$4.32	$0	9,104,610	9,104,610	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,760,400
22	FGP-ST	89,769	$5.12	$0	459,660	459,660	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$459,660	$0
23	PGP-ST	620,000	$5.37	$0	3,328,160	3,328,160	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24	WGP-ST	885,000	$5.24	$0	4,635,630	4,635,630	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25	SGP-ST	2,140,000	$4.29	$0	9,190,233	9,190,233	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26	PGP-AL	620,000	$5.30	$0	3,284,760	3,284,760	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27	WGP-AL	1,593,074	$5.09	$0	8,112,632	8,112,632	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,530,102	$0	$0	$0
28	SGP-AL	2,140,000	$4.23	$0	9,061,833	9,061,833	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29	PGP-NG	188,207	$5.31	$0	999,003	999,003	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30	WGP-NG	728,543	$5.08	$0	3,701,105	3,701,105	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31	SGP-NG	2,140,000	$4.21	$0	9,019,033	9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32	PGP-SG	128,931	$5.31	$0	684,365	684,365	$10,813	$10,813	$21,626	$54,064	$86,503	$500,546	$0	$0	$0	$0	$0	$0
33	WGP-SG	1,035,188	$5.01	$0	5,184,068	5,184,068	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34	SGP-SG	2,140,000	$4.21	$0	9,019,033	9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35	PA-IF	1,270	$8.00	$0	10,154	10,154	$10,154	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36	SVLNG	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	T1&2-SU	1,619,657	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38	T1&T2-ST	2,629,743	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39	T1&T2-SG	3,086,005	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40	T3-IMG	821,250	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41	T4-IMG	20,304,950	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42	FGP-IMG	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43	FB-3	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44	MrktSell	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45	IFO	8,288	$7.81	$0	64,750	64,750	$36,716	$28,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46	FGP-NIT	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47	FGP-Stan	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48	FGP-CG	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49	FGP-SU2	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50	BLANK	0	$0.00	$0	0	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year															
12	Number of periods				12 = Number of Periods											
40	Number of Resources				Transport Utilization Rate											
Resource		From	To		1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG		0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG		0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.4	0.0	0.0
6	EPGT-WI	NIT	Stanfield		0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG		1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG		1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise		0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon		1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls		1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley		1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls		1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
						1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG	41,146	1	25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	751,050
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	48,159	29,921	17,040	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	10,269	12,716	0	0	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0	378,014
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	462,215
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	6,134,705
12	ELAT-CAN	IMG	Canyon	59,500	7	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	1,324,363
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	1,854,732
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	0	312,548
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,757	0	0	0	0	0	0	0	0	0	12,514
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	213	0	0	0	0	0	0	0	0	0	0	1,716	213
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day											
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12
	Area/Node From		Area/Node To						**Peak**	1	2	3	4	5	6	7	8	9	10	11	12
ARC #	Name	Area #	To	Area #			**ARC #**	**Max**	**Demand**	1	1	2	5	8	14	31	28	61	61	61	92
1	Sumas	1	IMG	6			**1**	91,146		25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092
2	Stanfield	2	IMG	6			**2**	246,300		168,557	168,557	168,557	124,246	101,028	96,557	84,757	71,557	48,159	29,921	17,040	3,764
3	N. Green	3	IMG	6			**3**	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455
4	S. Green	4	IMG	6			**4**	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0
5	NIT	5	Stanfield	2			**5**	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	12,716	0	0
6	IMG	6	Boise	7			**6**	875,500	278,180	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395
7	IMG	6	Canyon	8			**7**	119,500	58,986	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692
8	IMG	6	Idaho Fal	9			**8**	137,000	78,470	72,500	72,500	71,757	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387
9	IMG	6	Sun Valle	10			9	66,400	14,613	14,613	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	1,716
	Transport Lateral + Storage = Peak Demand								430,249	701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501
Storage @			Boise							54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-
Storage @			Idaho Falls							5,970	3,588	-	-	-	-	-	-	-	-	-	-
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-
Total @			Boise						**278,180**	**278,180**	**268,086**	**249,703**	**208,984**	**193,595**	**187,501**	**179,120**	**166,610**	**137,485**	**94,569**	**73,013**	**62,395**
Total @			Canyon						**58,986**	**58,986**	**56,830**	**52,900**	**44,196**	**40,899**	**39,612**	**37,921**	**35,256**	**29,031**	**19,866**	**15,269**	**12,692**
Total @			Idaho Falls						**78,470**	**78,470**	**76,088**	**71,757**	**62,161**	**58,543**	**57,113**	**55,229**	**52,270**	**45,400**	**35,288**	**30,213**	**27,387**
Total @			Sun Valley						**14,613**	**14,613**	**14,012**	**12,919**	**10,497**	**9,584**	**9,225**	**8,750**	**8,006**	**6,274**	**3,717**	**2,431**	**1,716**
									430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190
								Transport & Supply Balane													
From Above								To IMG	Transport	287,270	287,270	303,087	242,959	219,741	210,571	198,140	179,262	135,310	85,560	53,045	36,310
From Above								To Laterals	Transport	370,150	370,150	370,150	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190
From Utilization								Storage		60,099	44,868	17,130	-	-	-	-	-	-	-	-	-
From Above								Total Strg &	Transport	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**104,190**
From Gas Utilization								Gas Supply	Supply	**430,249**	**415,017**	**387,279**	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131
No Cost @ Sumas/SGreen/Stan								T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097
IGC own supply									Supply	352,272	337,040	309,302	247,862	224,644	215,474	203,043	184,165	140,213	87,500	88,972	87,154
No Cost Gas @ IMG								T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880
From LDC								Dist	Demand	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**102,781**
Days				Volumes below						1	1	2	5	8	14	31	28	61	61	61	92
From Gas Utilization								Gas Supply	Volume Supp	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097
No Cost @ Sumas/SGreen/Stan								T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924
IGC own supply									Volume Supp	352,272	337,040	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213
No Cost Gas @ IMG								T-3 & T-4	Volume Supp	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960
From LDC									Demand	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	9,359,847	7,376,411	9,455,846
Storage Injections										0	0	0	0	0	0	0	0	0	734,250	2,807,455	5,736,251

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Base Case
April 2004

1 Year Resource		Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	751,050	$0.036	1.0	$27,113	$27,113
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	462,215	$0.030	1.0	$13,866	$13,866
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,134,705	$0.000	1.0	$613	$613
12	ELAT-CAN	1,324,363	$0.000	1.0	$132	$132
13	ELAT-CAN	1,854,732	$0.000	1.0	$185	$185
14	ELAT-SUN	312,548	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	12,514	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	213	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,115,416			265,488	265,488

Year 4
ANNUAL SUMMARY

Total Transport Cost
$265,488
Total Resource Cost
$219,132,374
Total IRP Costs
$219,397,862
PV $s
199,452,602

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1			12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.6	0.6	0.6	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 5

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Base Case
April 2004

Year	1																		
50	# of resources		Area		MMBtu		Capacity in MMBtu/day by Period												
	Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1		Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1		NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2		NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1		Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1		N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2		N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1		S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2		S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3		S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1		IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2		IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1		NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2		Boise	7	60,000	1	54,129	41,279	17,130	0	0	0	0	0	0	0	0	0	112,538
14	ST-3		Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4		Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5		Stanfield	2	72,000	1	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	248,160
17	EST-6		S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	43,622	48,321	48,321	16,188	0	0	0	398,056
18	FGP-SU1		Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU		Sumas	1	20,000	0	12,392	12,392	12,391	12,392	12,392	7,693	0	0	0	0	0	0	69,651
20	WGP-SU		Sumas	1	15,000	0	0	0	0	0	0	0	7,062	1,384	0	0	0	0	8,446
21	SGP-SU		Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,654	29,654
22	FGP-ST		Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	1,472	0	1,472
23	PGP-ST		Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST		Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST		Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL		NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL		NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	11,608	0	0	0	41,608
28	SGP-AL		NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG		N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG		N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG		N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG		S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,736	0	0	0	0	0	0	16,921
33	WGP-SG		S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG		S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF		Idaho Falls	9	3,000	0	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG		Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU		Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST		Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG		S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG		IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG		IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG		IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3		IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell		IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO		Idaho Falls	9	4,700	0	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT		NIT	5	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan		Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG		Citygate	6	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2		Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						Totals	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

Year 5

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Base Case
April 2004

Year	1		Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	138,444	35,771	0	0	0	0	0	0	0	462,215
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	610,712	1,497,948	1,352,985	987,438	0	0	0	5,270,539
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	12,392	12,392	24,783	61,959	99,132	107,698	0	0	0	0	0	0	318,355
20	WGP-SU	Sumas	0	0	0	0	0	0	218,928	38,757	0	0	0	0	257,685
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	888,213	2,108,213
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	89,769	0	89,769
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	708,074	0	0	0	1,593,074
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	94,300	0	0	0	0	0	0	128,931
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	1,270	0	0	0	0	0	0	0	0	0	0	0	1,270
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,588	0	0	0	0	0	0	0	0	0	0	8,288
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			347,572	333,452	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,139,691

Year 5

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		25,329	25,329	25,329	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	237,501
Stanfield			2	214,500		124,205	124,205	124,205	79,894	56,676	52,205	45,405	32,205	17,205	17,205	18,676	17,205	709,289
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	15,500	15,500	15,500	422,271
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	278,180	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	112,538
Canyon			8	0	58,986	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	78,470	5,970	3,588	-	-	-	-	-	-	-	-	-	-	9,558
Sun Valley			10	200	14,613	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	3,413,367

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	25,329	25,329	25,329	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	287,270	82,880	370,150	370,150	-
7	7	Boise	**278,180**	224,051	54,129	278,180	-	278,180
8	8	Canyon	**58,986**	58,986	-	58,986	-	58,986
9	9	Idaho Falls	**78,470**	72,500	5,970	78,470	-	78,470
10	10	Sun Valley	**14,613**	14,613	-	14,613	-	14,613
		Totals	430,249	701,772	430,249	1,132,022	701,772	430,249

Storage by Period

Boise	Storage	54,129	41,279	17,130	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,970	3,588	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Base Case
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 5

RP

ı Volumes
ıse Case

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ce	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	25,329	25,329	50,658	126,646	202,632	288,822	619,988	401,004	789,182	880,682	880,682	1,296,456	5,587,411
2	Stanfield	124,205	124,205	248,410	399,468	453,410	730,867	1,407,548	901,734	1,049,491	1,049,491	1,139,260	1,582,839	9,210,926
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,888,228	945,500	945,500	1,426,000	8,901,908
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,129	41,279	34,260	0	0	0	0	0	0	0	0	0	129,668
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,970	3,588	0	0	0	0	0	0	0	0	0	0	9,558
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		424,279	411,429	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,600,026

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Base Case
April 2004

Year 1					Injections MMBtu per period														
50 # of resource		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,668	129,668	$ 86,878	129,668
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	99,832	362,383	462,215	$ 259,025	462,215
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	564,416	1,762,123	2,944,000	5,270,539	$ 130,709	5,270,539
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 5

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base Case
April 2004

Year	1		Annual Volume MMBtu	Variable Cost Summary by Res		
50 # of resources				Total Annual $/MMBtu	Injection Cost	Variable Cost
Resource						
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077
13	ST-2		129,668	$5.89	$86,878	676,608
14	ST-3		874,200	$4.78	$0	4,178,772
15	ST-4		0	$0.00	$0	0
16	ST-5		462,215	$5.78	$259,025	2,411,839
17	EST-6		5,270,539	$4.82	$130,709	25,269,967
18	FGP-SU1		0	$0.00	$0	0
19	PGP-SU		318,355	$5.56	$0	1,769,420
20	WGP-SU		257,685	$5.44	$0	1,401,289
21	SGP-SU		2,108,213	$4.32	$0	9,104,610
22	FGP-ST		89,769	$5.12	$0	459,660
23	PGP-ST		620,000	$5.37	$0	3,328,160
24	WGP-ST		885,000	$5.24	$0	4,635,630
25	SGP-ST		2,140,000	$4.29	$0	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760
27	WGP-AL		1,593,074	$5.09	$0	8,112,632
28	SGP-AL		2,140,000	$4.23	$0	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033
32	PGP-SG		128,931	$5.31	$0	684,365
33	WGP-SG		1,035,188	$5.01	$0	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033
35	PA-IF		1,270	$8.00	$0	10,154
36	SVLNG		0	$0.00	$0	0
37	T1&2-SU		1,619,657	$0.00	$0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0
40	T3-IMG		821,250	$0.00	$0	0
41	T4-IMG		20,304,950	$0.00	$0	0
42	FGP-IMG		0	$0.00	$0	0
43	FB-3		0	$0.00	$0	0
44	MrktSell		0	$0.00	$0	0
45	IFO		8,288	$7.81	$0	64,750
46	FGP-NIT		0	$0.00	$0	0
47	FGP-Stan		0	$0.00	$0	0
48	FGP-CG		0	$0.00	$0	0
49	FGP-SU2		0	$0.00	$0	0
50	BLANK		0	$0.00	$0	0

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Base
April 2004

Year 1		ource												
50 # of resources		Total												
Resource		Variable Cost	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
1	EGP-SU-1	6,849,602	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2	EGP-AL-1	5,022,807	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3	EGP-AL-2	4,369,085	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4	EGP-ST-1	8,058,355	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5	EGP-NG-1	4,992,556	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6	EGP-NG-2	9,217,026	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7	EGP-SG-1	13,528,550	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8	EGP-SG-2	11,664,372	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9	EGP-SG-3	2,304,257	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10	EGP-CG-1	12,223,433	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11	EGP-CG-2	16,706,188	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12	ST-1	12,152,610	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13	ST-2	763,485	$282,445	$215,395	$178,768	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	ST-3	4,178,772	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15	ST-4	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	ST-5	2,670,864	$375,696	$375,696	$751,392	$722,400	$186,655	$0	$0	$0	$0	$0	$0	$0
17	EST-6	25,400,676	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,928,100	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18	FGP-SU1	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	PGP-SU	1,769,420	$68,875	$68,872	$137,742	$344,367	$550,977	$598,586	$0	$0	$0	$0	$0	$0
20	WGP-SU	1,401,289	$0	$0	$0	$0	$0	$0	$1,190,531	$210,758	$0	$0	$0	$0
21	SGP-SU	9,104,610	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,760,400
22	FGP-ST	459,660	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$459,660	$0
23	PGP-ST	3,328,160	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24	WGP-ST	4,635,630	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25	SGP-ST	9,190,233	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26	PGP-AL	3,284,760	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27	WGP-AL	8,112,632	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,530,102	$0	$0	$0
28	SGP-AL	9,061,833	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29	PGP-NG	999,003	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30	WGP-NG	3,701,105	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31	SGP-NG	9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32	PGP-SG	684,365	$10,813	$10,813	$21,626	$54,064	$86,503	$500,546	$0	$0	$0	$0	$0	$0
33	WGP-SG	5,184,068	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34	SGP-SG	9,019,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35	PA-IF	10,154	$10,154	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36	SVLNG	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	T1&2-SU	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38	T1&T2-ST	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39	T1&T2-SG	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40	T3-IMG	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41	T4-IMG	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42	FGP-IMG	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43	FB-3	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44	MrktSell	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45	IFO	64,750	$36,716	$28,033	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46	FGP-NIT	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47	FGP-Stan	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48	FGP-CG	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49	FGP-SU2	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50	BLANK	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year															
12	Number of periods			12 = Number of Periods												
40	Number of Resources			Transport Utilization Rate												
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.4	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Base Case
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

Resource		From	To	Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day 1	2	3	4	5	6	7	8	9	10	11	12	Annual Volume in MMBtu
1	ENWP-SU	Sumas	IMG	41,146	1	25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	751,050
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	48,159	29,921	17,040	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	10,269	12,716	0	0	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0	378,014
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	27,689	4,471	0	0	0	0	0	0	0	462,215
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	6,134,705
12	ELAT-CAN	IMG	Canyon	59,500	7	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	1,324,363
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	1,854,732
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	0	312,548
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,757	0	0	0	0	0	0	0	0	0	12,514
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	213	0	0	0	0	0	0	0	0	0	0	1,716	213
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	

Year 5

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node Fro		Area/Node To						Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			ARC #	Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			1	91,146		25,329	25,329	41,146	25,329	25,329	20,630	20,000	14,322	12,937	14,437	14,437	14,092	
2	Stanfield	2	IMG	6			2	246,300		168,557	168,557	168,557	124,246	101,028	96,557	84,757	71,557	48,159	29,921	17,040	3,764	
3	N. Gree	3	IMG	6			3	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Gree	4	IMG	6			4	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,747	3,113	0	
5	NIT	5	Stanfield	2			5	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,955	12,716	0	0	
6	IMG	6	Boise	7			6	875,500	278,180	224,051	226,807	232,573	208,984	193,595	187,501	179,120	166,610	137,485	94,569	73,013	62,395	
7	IMG	6	Canyon	8			7	119,500	58,986	58,986	56,830	52,900	44,196	40,899	39,612	37,921	35,256	29,031	19,866	15,269	12,692	
8	IMG	6	Idaho F	9			8	137,000	78,470	72,500	72,500	71,757	62,161	58,543	57,113	55,229	52,270	45,400	35,288	30,213	27,387	
9	IMG	6	Sun Val	10			9	66,400	14,613	14,613	14,012	12,919	10,497	9,584	9,225	8,750	8,006	6,274	3,717	2,431	1,716	
	Transport Lateral + Storage = Peak Demand								430,249	701,772	701,771	717,588	613,149	566,714	548,374	518,513	480,757	384,455	251,716	173,970	140,501	
Storage @			Boise							54,129	41,279	17,130	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							5,970	3,588	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**278,180**	**278,180**	**268,086**	**249,703**	**208,984**	**193,595**	**187,501**	**179,120**	**166,610**	**137,485**	**94,569**	**73,013**	**62,395**	
Total @			Canyon						**58,986**	**58,986**	**56,830**	**52,900**	**44,196**	**40,899**	**39,612**	**37,921**	**35,256**	**29,031**	**19,866**	**15,269**	**12,692**	
Total @			Idaho Falls						**78,470**	**78,470**	**76,088**	**71,757**	**62,161**	**58,543**	**57,113**	**55,229**	**52,270**	**45,400**	**35,288**	**30,213**	**27,387**	
Total @			Sun Valley						**14,613**	**14,613**	**14,012**	**12,919**	**10,497**	**9,584**	**9,225**	**8,750**	**8,006**	**6,274**	**3,717**	**2,431**	**1,716**	
									430,249	430,249	415,017	387,279	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190	

Transport & Supply Balane															
From Above	To IMG	Transport	287,270	287,270	303,087	242,959	219,741	210,571	198,140	179,262	135,310	85,560	53,045	36,310	
From Above	To Laterals	Transport	370,150	370,150	370,150	325,839	302,621	293,451	281,020	262,142	218,190	153,440	120,925	104,190	
From Utilization	Storage		60,099	44,868	17,130	-	-	-	-	-	-	-	-	-	
From Above	Total Strg & Transport		**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**104,190**	
From Gas Utilization	Gas Supply	Supply	**430,249**	**415,017**	**387,279**	325,839	302,621	293,451	281,020	262,142	218,190	165,477	166,949	165,131	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	352,272	337,040	309,302	247,862	224,644	215,474	203,043	184,165	140,213	87,500	88,972	87,154	
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
From LDC	Dist	Demand	**430,249**	**415,017**	**387,279**	**325,839**	**302,621**	**293,451**	**281,020**	**262,142**	**218,190**	**153,440**	**120,925**	**102,781**	
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Supp	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	10,094,097	10,183,866	15,192,097	74,609,585
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Supp	352,272	337,040	618,605	1,239,309	1,797,153	3,016,635	6,294,345	5,156,630	8,553,009	5,337,500	5,427,269	8,018,213	46,147,980
No Cost Gas @ IMG	T-3 & T-4	Volume Supp	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC		Demand	430,249	415,017	774,559	1,629,194	2,420,969	4,108,313	8,711,632	7,339,986	13,309,606	9,359,847	7,376,411	9,455,846	65,331,629
Storage Injections			0	0	0	0	0	0	0	0	0	734,250	2,807,455	5,736,251	9,277,956

Year 5

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Base Case
April 2004

1 Year	Resource	Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	751,050	$0.036	1.0	$27,113	$27,113
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	462,215	$0.030	1.0	$13,866	$13,866
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,134,705	$0.000	1.0	$613	$613
12	ELAT-CAN	1,324,363	$0.000	1.0	$132	$132
13	ELAT-CAN	1,854,732	$0.000	1.0	$185	$185
14	ELAT-SUN	312,548	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	12,514	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	213	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,115,416			265,488	265,488

Year 5
ANNUAL SUMMARY

Total Transport Cost
$265,488
Total Resource Cost
$219,132,374
Total IRP Costs
$219,397,862
PV $s
199,452,602

Exhibit No. 5

APPENDIX E

Model Results
High Growth

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year	1			12 Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	PGP-SU	Sumas	1	0.3	0.3	0.3	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.2
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.4	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year 1																	
50 # of resources		Area		mmbtu		Capacity in MMBTU/day by Period											
Resource		Delivered		per day	Strg	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0
13	ST-2	Boise	7	60,000	1	54,541	41,676	17,551	0	0	0	0	0	0	0	0	0
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	28,024	4,759	0	0	0	0	0	0	0
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	43,907	48,321	48,321	16,188	0	0	0
18	FGP-SU1	Sumas	1	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
19	PGP-SU	Sumas	1	20,000	0	5,892	5,891	5,892	5,892	5,892	1,478	0	0	0	0	0	0
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	831	0	0	0	0	0
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	570	10,000	2,103
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	10,138	0	0	0	0
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	5,295	0	0	0
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,451	0	0	0	0	0	0
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
35	PA-IF	Idaho Falls	9	3,000	0	1,336	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,653	0	0	0	0	0	0	0	0	0	0
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	430,728	415,478	387,701	326,174	302,909	293,736	281,290	262,397	218,377	162,547	171,977	164,080

Year 1

9	10	11	12	mmbtu per day	Strg	Capacity in MMBTU/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	69,437		25,330	25,329	25,329	25,329	25,329	20,915	20,269	19,437	19,437	11,507	20,937	13,040	252,189
Stanfield			2	226,705		124,205	124,205	124,205	80,229	56,964	52,205	45,405	27,343	17,205	17,205	17,205	17,205	703,579
N. Green			3	71,955		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	74,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	24,641	15,500	15,500	15,500	415,957
IMG			6	147,880		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	278,513	54,541	41,676	17,551	-	-	-	-	-	-	-	-	-	113,768
Canyon			8	0	59,052	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	7,700	78,536	6,036	3,653	-	-	-	-	-	-	-	-	-	-	9,689
Sun Valley			10	200	14,627	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	430,728	430,728	415,478	387,701	326,174	302,909	293,736	281,290	262,397	218,377	162,547	171,977	164,080	3,417,392

This check looks at Peak Day Delivery of supply.

Model Check	Peak Dmd darea	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar**	Net AT **Node**
Sumas	**0**	0	25,330	25,330	25,330	-
Stanfield	**0**	44,352	124,205	168,557	168,557	-
N. Green	**0**	0	33,026	33,026	33,026	-
S. Green	**0**	0	60,358	60,358	60,358	-
NIT	**0**	0	44,352	44,352	44,352	-
IMG	**0**	287,270	82,880	370,150	370,150	-
Boise	**278,513**	223,972	54,541	278,513	-	278,513
Canyon	**59,052**	59,052	-	59,052	-	59,052
Idaho Falls	**78,536**	72,500	6,036	78,536	-	78,536
Sun Valley	**14,627**	14,627	-	14,627	-	14,627
Totals	430,728	701,773	430,728	1,132,500	701,773	430,728

Storage by Period													
Boise	Storage	54,541	41,676	17,551	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	6,036	3,653	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year	1				
50	# of resources		Area		
Resource			Delivered		Total
1	EGP-SU-1		Sumas	1	76,500
2	EGP-AL-1		NIT	5	36,000
3	EGP-AL-2		NIT	5	30,000
4	EGP-ST-1		Stanfield	2	90,000
5	EGP-NG-1		N. Green	3	58,500
6	EGP-NG-2		N. Green	3	108,000
7	EGP-SG-1		S. Green	4	45,000
8	EGP-SG-2		S. Green	4	84,000
9	EGP-SG-3		S. Green	4	27,000
10	EGP-CG-1		IMG	6	135,000
11	EGP-CG-2		IMG	6	120,000
12	ST-1		NIT	5	164,663
13	ST-2		Boise	7	113,768
14	ST-3		Stanfield	2	103,200
15	ST-4		Stanfield	2	0
16	ST-5		Stanfield	2	248,783
17	EST-6		S. Green	4	398,341
18	FGP-SU1		Sumas	1	78,000
19	PGP-SU		Sumas	1	30,936
20	WGP-SU		Sumas	1	831
21	SGP-SU		Sumas	1	12,672
22	FGP-ST		Stanfield	2	0
23	PGP-ST		Stanfield	2	120,000
24	WGP-ST		Stanfield	2	25,138
25	SGP-ST		Stanfield	2	30,000
26	PGP-AL		NIT	5	120,000
27	WGP-AL		NIT	5	35,295
28	SGP-AL		NIT	5	30,000
29	PGP-NG		N. Green	3	36,427
30	WGP-NG		N. Green	3	18,214
31	SGP-NG		N. Green	3	30,000
32	PGP-SG		S. Green	4	16,636
33	WGP-SG		S. Green	4	19,074
34	SGP-SG		S. Green	4	30,000
35	PA-IF		Idaho Falls	9	1,336
36	SVLNG		Sun Valley	10	0
37	T1&2-SU		Sumas	1	53,249
38	T1&T2-ST		Stanfield	2	86,457
39	T1&T2-SG		S. Green	3	101,458
40	T3-IMG		IMG	6	27,000
41	T4-IMG		IMG	6	667,560
42	FGP-IMG		IMG	6	0
43	FB-3		IMG	6	0
44	MrktSell		IMG	6	0
45	IFO		Idaho Falls	9	8,353
46	FGP-NIT		NIT	5	0
47	FGP-Stan		Stanfield	2	0
48	FGP-CG		Citygate	6	0
49	FGP-SU2		Sumas	1	0
50	BLANK		0	0	0
					3,417,392

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design High Growth
April 2004

Year 1			Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,541	41,676	35,102	0	0	0	0	0	0	0	0	0	131,319
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	140,119	38,075	0	0	0	0	0	0	0	466,194
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	614,699	1,497,948	1,352,985	987,438	0	0	0	5,274,526
18	FGP-SU1	Sumas	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	396,500	396,500	598,000	2,372,500
19	PGP-SU	Sumas	5,892	5,891	11,783	29,458	47,135	20,686	0	0	0	0	0	0	120,846
20	WGP-SU	Sumas	0	0	0	0	0	0	25,775	0	0	0	0	0	25,775
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	34,747	610,000	193,445	838,193
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	283,874	0	0	0	0	748,874
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	322,976	0	0	0	1,207,976
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	90,313	0	0	0	0	0	0	124,944
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	1,336	0	0	0	0	0	0	0	0	0	0	0	1,336
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,653	0	0	0	0	0	0	0	0	0	0	8,353
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			348,051	333,849	619,448	1,240,983	1,799,459	3,020,623	6,302,692	5,163,748	8,564,411	5,158,747	5,734,000	7,921,445	46,207,455

Year 1

RP

Volumes
gh Growth

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	25,330	25,329	50,658	126,645	202,634	292,810	628,335	544,248	1,185,682	701,930	1,277,182	1,199,688	6,260,470
2	Stanfield	124,205	124,205	248,410	401,143	455,714	730,867	1,407,548	765,608	1,049,491	1,049,491	1,049,491	1,582,839	8,989,011
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,503,131	945,500	945,500	1,426,000	8,516,811
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,541	41,676	35,102	0	0	0	0	0	0	0	0	0	131,319
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	6,036	3,653	0	0	0	0	0	0	0	0	0	0	9,689
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		424,691	411,826	775,402	1,630,868	2,423,275	4,112,301	8,719,979	7,347,104	13,321,008	9,915,344	10,490,597	15,095,329	74,667,724

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design High Growth
April 2004

Year	1		12 Number of Periods											
50	# of resources	Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.7
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volum
Scenario: Design High Growth
April 2004

Year 1					Injections including in MMBTU per period														
50 # of resources		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	mmbtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	131,319	131,319	$ 87,984	131,319
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	209,503	256,691	466,194	$ 261,255	466,194
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	378,526	1,952,000	2,944,000	5,274,526	$ 130,808	5,274,526
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	1		Annual Volume mmbtu	Variable Cost Summary by Resource: Total Annual $/mmbtu	Injection Cost	Variable Cost	Total Variable Cost
50	# of resources						
Resource							
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077	12,152,610
13	ST-2		131,319	$5.89	$87,984	685,223	773,206
14	ST-3		874,200	$4.78	$0	4,178,772	4,178,772
15	ST-4		0	$0.00	$0	0	0
16	ST-5		466,194	$5.78	$261,255	2,432,601	2,693,856
17	EST-6		5,274,526	$4.82	$130,808	25,289,084	25,419,892
18	FGP-SU1		2,372,500	$4.74	$0	11,243,400	11,243,400
19	PGP-SU		120,846	$5.56	$0	671,660	671,660
20	WGP-SU		25,775	$5.44	$0	140,162	140,162
21	SGP-SU		838,193	$4.24	$0	3,551,258	3,551,258
22	FGP-ST		0	$0.00	$0	0	0
23	PGP-ST		620,000	$5.37	$0	3,328,160	3,328,160
24	WGP-ST		748,874	$5.24	$0	3,922,604	3,922,604
25	SGP-ST		2,140,000	$4.29	$0	9,190,233	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760	3,284,760
27	WGP-AL		1,207,976	$5.13	$0	6,192,728	6,192,728
28	SGP-AL		2,140,000	$4.23	$0	9,061,833	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033	9,019,033
32	PGP-SG		124,944	$5.31	$0	663,201	663,201
33	WGP-SG		1,035,188	$5.01	$0	5,184,068	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033	9,019,033
35	PA-IF		1,336	$8.00	$0	10,684	10,684
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		20,304,950	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		8,353	$7.81	$0	65,251	65,251
46	FGP-NIT		0	$0.00	$0	0	0
47	FGP-Stan		0	$0.00	$0	0	0
48	FGP-CG		0	$0.00	$0	0	0
49	FGP-SU2		0	$0.00	$0	0	0
50	BLANK		0	$0.00	$0	0	0
			74,677,413	$2.94	$543,581	$218,859,161	$219,402,741

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	1	Annual Volume mmbtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		1,095,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		912,500	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		1,510,000	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		981,500	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		1,812,000	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		2,555,000	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		453,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		2,265,000	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		3,650,000	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		2,541,334	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		131,319	$284,595	$217,466	$183,161	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		874,200	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		466,194	$375,696	$375,696	$751,392	$731,140	$198,677	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,274,526	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,947,217	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		2,372,500	$35,607	$35,607	$71,214	$178,035	$284,856	$498,498	$1,087,697	$982,436	$2,063,981	$1,800,308	$1,673,428	$2,531,733
19 PGP-SU		120,846	$32,748	$32,744	$65,492	$163,727	$261,974	$114,975	$0	$0	$0	$0	$0	$0
20 WGP-SU		25,775	$0	$0	$0	$0	$0	$0	$140,162	$0	$0	$0	$0	$0
21 SGP-SU		838,193	$0	$0	$0	$0	$0	$0	$0	$0	$0	$157,771	$2,574,505	$818,982
22 FGP-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23 PGP-ST		620,000	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		748,874	$0	$0	$0	$0	$0	$0	$2,435,670	$1,486,934	$0	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		620,000	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,207,976	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$1,610,198	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		188,207	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		728,543	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		124,944	$10,813	$10,813	$21,626	$54,064	$86,503	$479,382	$0	$0	$0	$0	$0	$0
33 WGP-SG		1,035,188	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		1,336	$10,684	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		20,304,950	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		8,353	$36,716	$28,535	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		74,677,413												

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

1	Year																
12	Number of periods			12 Number of Periods													Transport
40	Number of Resources			Transport Utilization Rate													Capability
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12		mmbtu/day
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.5	0.5	0.3	0.5	0.3		41,146
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	0.2	0.1		86,800
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6		33,026
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.0	0.0		60,358
5	EPGT-AN	NIT	Stanfield	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0.4	0.0	0.0		32,158
6	EPGT-WI	NIT	Stanfield	1.0	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0		20,686
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0		15,000
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		22,500
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		72,000
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		500,000
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2		315,000
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2		59,500
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4		69,000
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0		14,400
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		10,000
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		10,500
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		10,000
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3,500
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		14,500
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9		2,000
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		50,000
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
					1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG	1	25,330	25,329	41,146	25,329	25,329	20,915	20,269	19,437	19,437	11,507	20,937	13,040	755,039
2	ENWP-ST	Stanfield	IMG	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	66,695	41,846	29,921	13,770	4,912	2,528,260
3	ENWP-NG	N. Green	IMG	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	25,795	0	0	1,871,098
5	EPGT-AN	NIT	Stanfield	5	23,666	32,158	32,158	32,158	32,158	32,158	32,158	32,158	3,955	12,716	0	0	988,406
6	EPGT-WI	NIT	Stanfield	5	20,686	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0	386,506
7	ENWP-JP	Stanfield	IMG	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	2	72,000	72,000	72,000	28,024	4,759	0	0	0	0	0	0	0	466,194
10	EIMG-PO	IMG	Boise	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	6	223,972	226,731	232,445	209,217	193,795	187,700	179,307	166,788	137,616	94,651	73,096	62,469	6,139,839
12	ELAT-CAN	IMG	Canyon	7	59,052	56,894	52,958	44,242	40,938	39,652	37,958	35,292	29,058	19,884	15,286	12,704	1,325,705
13	ELAT-CAN	IMG	Idaho Falls	8	69,000	69,000	69,000	62,208	58,584	57,152	55,267	52,304	45,424	35,302	30,226	27,396	1,855,839
14	ELAT-SUN	IMG	Sun Valley	9	14,400	14,025	12,931	10,506	9,592	9,232	8,758	8,014	6,279	3,720	2,434	0	312,802
15	FNWP-SU	Sumas	IMG	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	8	3,500	3,500	2,816	0	0	0	0	0	0	0	0	0	12,631
23	XLAT-IF2	IMG	Idaho Falls	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	9	227	0	0	0	0	0	0	0	0	0	0	1,718	227
25	FLAT-BOI	IMG	Boise	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					701,773	701,771	717,589	613,819	567,291	548,944	519,051	481,265	378,516	251,950	174,205	140,695	

Transport Utilization Rate								Transport Capability mmbtu/day	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						**Peak**	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #		**ARC #**	**Max**		**Demand**	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6		**1**	91,146			25,330	25,329	41,146	25,329	25,329	20,915	20,269	19,437	19,437	11,507	20,937	13,040	Peak Demand
2	Stanfield	2	IMG	6		**2**	246,300			168,557	168,557	168,557	124,581	101,316	96,557	84,757	66,695	41,846	29,921	13,770	4,912	
3	N. Green	3	IMG	6		**3**	83,026			33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6		**4**	110,358			60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	25,795	0	0	
5	NIT	5	Stanfield	2		**5**	62,844			44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	24,641	12,716	0	0	
6	IMG	6	Boise	7		**6**	875,500		278,513	223,972	226,731	232,445	209,217	193,795	187,700	179,307	166,788	137,616	94,651	73,096	62,469	
7	IMG	6	Canyon	8		**7**	119,500		59,052	59,052	56,894	52,958	44,242	40,938	39,652	37,958	35,292	29,058	19,884	15,286	12,704	
8	IMG	6	Idaho Fa	9		**8**	137,000		78,536	72,500	72,500	71,816	62,208	58,584	57,152	55,267	52,304	45,424	35,302	30,226	27,396	
9	IMG	6	Sun Valle	10		9	66,400		14,627	14,627	14,025	12,931	10,506	9,592	9,232	8,758	8,014	6,279	3,720	2,434	1,718	
Transport Lateral + Storage = Peak Demand									430,728	701,773	701,771	717,589	613,819	567,291	548,944	519,051	481,265	378,516	251,950	174,205	140,695	

Storage @	Boise							54,541	41,676	17,551	-	-	-	-	-	-	-	-
Storage @	Canyon							-	-	-	-	-	-	-	-	-	-	-
Storage @	Idaho Falls							6,036	3,653	-	-	-	-	-	-	-	-	-
Storage @	Sun Valley							-	-	-	-	-	-	-	-	-	-	-
Total @	Boise						**278,513**	**278,513**	**268,407**	**249,996**	**209,217**	**193,795**	**187,700**	**179,307**	**166,788**	**137,616**	**94,651**	**73,096**	**62,469**
Total @	Canyon						**59,052**	**59,052**	**56,894**	**52,958**	**44,242**	**40,938**	**39,652**	**37,958**	**35,292**	**29,058**	**19,884**	**15,286**	**12,704**
Total @	Idaho Falls						**78,536**	**78,536**	**76,153**	**71,816**	**62,208**	**58,584**	**57,152**	**55,267**	**52,304**	**45,424**	**35,302**	**30,226**	**27,396**
Total @	Sun Valley						**14,627**	**14,627**	**14,025**	**12,931**	**10,506**	**9,592**	**9,232**	**8,758**	**8,014**	**6,279**	**3,720**	**2,434**	**1,718**
							430,728	430,728	415,478	387,701	326,174	302,909	293,736	281,290	262,397	218,377	153,557	121,043	104,287

Transport & Supply Balane															
From Above	To IMG	Transport	287,270	287,270	303,087	243,294	220,029	210,856	198,410	179,517	135,497	85,677	53,163	36,407	
From Above	To Laterals	Transport	370,150	370,150	370,150	326,174	302,909	293,736	281,290	262,397	218,377	153,557	121,043	104,287	
From Utilization		Storage	60,577	45,329	17,551	-	-	-	-	-	-	-	-	-	
From Above	Total Strg & Transport		**430,728**	**415,478**	**387,701**	**326,174**	**302,909**	**293,736**	**281,290**	**262,397**	**218,377**	**153,557**	**121,043**	**104,287**	
From Gas Utilization	Gas Supply	Supply	**430,728**	**415,478**	**387,701**	326,174	302,909	293,736	281,290	262,397	218,377	162,547	171,977	164,080	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	352,751	337,501	309,724	248,197	224,932	215,759	203,313	184,420	140,400	84,570	94,000	86,103	
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
From LDC	Dist	Demand	**430,728**	**415,478**	**775,402**	**1,630,868**	**2,423,275**	**4,112,301**	**8,719,979**	**7,347,104**	**13,321,008**	**9,366,984**	**7,383,594**	**9,463,119**	
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Sup	430,728	415,478	775,402	1,630,868	2,423,275	4,112,301	8,719,979	7,347,104	13,321,008	9,915,344	10,490,597	15,095,329	74,677,413
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Sup	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Sup	352,751	337,501	619,448	1,240,983	1,799,459	3,020,623	6,302,692	5,163,748	8,564,411	5,158,747	5,734,000	7,921,445	46,215,808
No Cost Gas @ IMG	T-3 & T-4	Volume Sup	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC		Demand	430,728	415,478	1,550,803	8,154,338	19,386,203	57,572,216	270,319,336	#########	812,581,506	571,386,029	450,399,232	870,606,955	3,268,521,727
Storage Injections			0	0	-775,402	-6,523,470	#########	#########	-261,599,357	#########	-799,260,497	-561,470,685	-439,908,635	-855,511,625	###########
															3,268,521,727

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design High Growth
April 2004

1 Year Resource		Annual Volume mmbtu	Transport Variable Cost $/mmbtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	755,039	$0.036	1.0	$27,257	$27,257
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	988,406	$0.010	1.0	$9,933	$9,933
6	EPGT-WI	386,506	$0.010	1.0	$3,884	$3,884
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	466,194	$0.030	1.0	$13,986	$13,986
10	EIMG-PO	0	$0.0001	1.0	$0	$0
11	ELAT-BOI	6,139,839	$0.0001	1.0	$614	$614
12	ELAT-CAN	1,325,705	$0.0001	1.0	$133	$133
13	ELAT-CAN	1,855,839	$0.0001	1.0	$186	$186
14	ELAT-SUN	312,802	$0.0001	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000150	1.0	$0	$0
21	XLAT-CAN2	0	$0.0002	1.0	$0	$0
22	XLAT-IF1	12,631	$0.0002	1.0	$2	$2
23	XLAT-IF2	0	$0.0002	1.0	$0	$0
24	XLAT-SUN	227	$0.0002	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,131,353			265,752	265,752

Year 1
ANNUAL SUMMARY

Total Transport Cost
$265,752
Total Resource Cost
$219,402,741
Total IRP Costs
$219,668,494
PV $s
199,698,631

2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year	2			12 Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	0.6	1.0	0.1	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	PGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.9	0.9	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.2
32	PGP-SG	S. Green	4	0.7	0.7	0.1	0.1	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year	2																		
50	# of resources	Area		mmbtu		Capacity in MMBTU/day by Period													
	Resource	Delivered		per day	Strg	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	57,520	36,637	12,346	0	0	0	0	0	0	0	0	0	106,503
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	8,804	15,000	1,875	0	0	0	0	100,679
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	22,450	0	0	0	0	0	0	0	0	238,450
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	47,367	44,334	48,321	48,321	16,188	0	0	0	397,814
18	FGP-SU1	Sumas	1	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	78,000
19	PGP-SU	Sumas	1	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	0	10,000	10,000	20,000
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	11,149	0	0	0	41,149
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	9,938	10,000	10,000	29,938
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	15,000	0	0	0	45,000
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	17,963	17,963	6,071	6,071	0	0	0	0	0	0	60,211
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	1,419	0	0	0	0	7,490
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	6,387	2,442	18,829
32	PGP-SG	S. Green	4	20,000	0	13,929	13,929	2,037	2,037	13,929	13,929	0	0	0	0	0	0	59,790
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	1,229	0	0	0	0	0	1,229
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	3,000	0	0	0	0	0	0	0	0	0	0	0	3,000
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	57,076	0	57,076	57,076	57,076	57,076	57,076	57,076	57,076	57,076	57,076	57,076	57,076	57,076	684,917
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,653	0	0	0	0	0	0	0	0	0	0	8,353
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	442,816	417,887	389,942	328,046	304,642	295,414	282,896	263,890	219,607	163,361	169,810	165,865	3,444,178

9	10	11	12	mmbtu per day	Strg	Capacity in MMBTU/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	60,000		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	10,937	20,937	20,937	227,749
Stanfield			2	214,500		124,205	124,205	124,205	74,655	52,205	46,009	47,205	34,080	28,354	17,143	17,205	17,205	706,673
N. Green			3	63,500		33,026	33,026	44,918	44,918	33,026	33,026	33,026	28,374	26,955	18,455	14,842	10,896	354,487
S. Green			4	118,321		72,249	72,250	60,358	60,358	71,296	68,264	59,550	58,321	26,188	32,000	32,000	32,000	644,833
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	34,347	15,500	15,500	15,500	425,663
IMG			6	25,000		84,326	84,326	84,326	84,326	84,326	84,326	84,326	84,326	84,326	69,326	69,326	69,326	966,917
Boise			7	60,000	285,456	57,520	36,637	12,346	-	-	-	-	-	-	-	-	-	106,503
Canyon			8	0	61,551	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	80,759	7,700	3,653	-	-	-	-	-	-	-	-	-	-	11,353
Sun Valley			10	200	15,050	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	442,816	442,816	417,887	389,942	328,046	304,642	295,414	282,896	263,890	219,607	163,361	169,810	165,865	3,444,178

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	Net at **Node**
121	1	Sumas	**0**	0	19,437	19,437	19,437	-
122	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
123	3	N. Green	**0**	0	33,026	33,026	33,026	-
124	4	S. Green	**0**	0	72,249	72,249	72,249	-
125	5	NIT	**0**	0	44,352	44,352	44,352	-
126	6	IMG	**0**	293,270	84,326	377,596	377,596	-
127	7	Boise	**285,456**	227,936	57,520	285,456	-	285,456
128	8	Canyon	**61,551**	61,551	-	61,551	-	61,551
129	9	Idaho Falls	**80,759**	73,059	7,700	80,759	-	80,759
130	10	Sun Valley	**15,050**	15,050	-	15,050	-	15,050
		Totals	442,816	715,218	442,816	#######	715,218	442,816

Storage by Period

		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	57,520	36,637	12,346	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	7,700	3,653	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design High Growth
April 2004

Year	2		Flow Capacity in MMBU Per Period / Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	57,520	36,637	24,692	0	0	0	0	0	0	0	0	0	118,849
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	123,256	465,000	52,500	0	0	0	0	895,756
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	112,249	0	0	0	0	0	0	0	0	400,249
17	EST-6	S. Green	48,321	48,321	96,642	241,605	378,935	620,682	1,497,948	1,352,985	987,438	0	0	0	5,272,877
18	FGP-SU1	Sumas	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	396,500	396,500	598,000	2,372,500
19	PGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	610,000	920,000	1,530,000
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	680,119	0	0	0	1,565,119
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	606,210	610,000	920,000	2,136,210
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	915,000	0	0	0	1,800,000
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	35,926	89,815	48,570	84,997	0	0	0	0	0	0	271,450
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	39,735	0	0	0	0	227,942
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	389,602	224,627	1,224,229
32	PGP-SG	S. Green	13,929	13,929	4,074	10,185	111,430	195,008	0	0	0	0	0	0	348,556
33	WGP-SG	S. Green	0	0	0	0	0	0	38,094	0	0	0	0	0	38,094
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	3,000	0	0	0	0	0	0	0	0	0	0	0	3,000
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	57,076	57,076	114,153	285,382	456,611	799,069	1,769,368	1,598,139	3,481,659	3,481,659	3,481,659	5,251,027	20,832,879
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,653	0	0	0	0	0	0	0	0	0	0	8,353
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			358,693	334,810	621,038	1,243,114	1,801,751	3,023,871	6,307,661	5,165,076	8,551,211	5,120,210	5,513,602	7,952,627	45,993,665

ı Volumes
gh Growth

2		Flow Capacity in MMBU Per Period / Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	19,437	19,437	38,875	97,187	155,499	272,124	602,560	544,248	1,185,682	667,182	1,277,182	1,926,242	6,805,657
2	Stanfield	124,205	124,205	248,410	373,273	417,638	644,123	1,463,348	954,234	1,729,610	1,045,701	1,049,491	1,582,839	9,757,076
3	N. Green	33,026	33,026	89,836	224,589	264,208	462,364	1,023,806	794,469	1,644,243	1,125,743	905,345	1,002,470	7,603,126
4	S. Green	72,249	72,250	120,716	301,790	570,365	955,690	1,846,042	1,632,985	1,597,438	1,952,000	1,952,000	2,944,000	14,017,527
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	2,095,154	945,500	945,500	1,426,000	9,108,834
6	IMG	84,326	84,326	168,653	421,632	674,611	1,180,569	2,614,118	2,361,139	5,143,909	4,228,909	4,228,909	6,378,027	27,569,129
7	Boise	57,520	36,637	24,692	0	0	0	0	0	0	0	0	0	118,849
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	7,700	3,653	0	0	0	0	0	0	0	0	0	0	11,353
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		435,116	414,234	779,885	1,640,231	2,437,138	4,135,798	8,769,786	7,388,931	13,396,037	9,965,036	10,358,428	15,259,578	74,980,198

2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design High Growth
April 2004

Year	2		12 Number of Periods											
50	# of resource	Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design High Growth
April 2004

Year 2					Injections including in MMBTU per period														
50 # of resource		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	mmbtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	118,849	118,849	$ 79,629	118,849
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	895,756	895,756	$ -	895,756
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	37,866	362,383	400,249	$ 224,299	400,249
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	376,877	1,952,000	2,944,000	5,272,877	$ 130,767	5,272,877
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	2	Annual Volume mmbtu	Variable Cost Summary by Resource: Total Annual $/mmbtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources						
Resource						
1 EGP-SU-1		1,283,500	$4.94	$0	6,341,366	6,341,366
2 EGP-AL-1		1,095,000	$4.17	$0	4,566,318	4,566,318
3 EGP-AL-2		912,500	$4.37	$0	3,988,678	3,988,678
4 EGP-ST-1		1,510,000	$4.94	$0	7,460,430	7,460,430
5 EGP-NG-1		981,500	$4.64	$0	4,554,830	4,554,830
6 EGP-NG-2		1,812,000	$4.64	$0	8,408,916	8,408,916
7 EGP-SG-1		3,210,000	$4.02	$0	12,895,620	12,895,620
8 EGP-SG-2		2,555,000	$4.27	$0	10,897,607	10,897,607
9 EGP-SG-3		453,000	$4.64	$0	2,102,229	2,102,229
10 EGP-CG-1		2,265,000	$5.00	$0	11,326,545	11,326,545
11 EGP-CG-2		3,650,000	$4.16	$0	15,184,560	15,184,560
12 ST-1		2,541,334	$4.22	$63,533	10,650,733	10,714,266
13 ST-2		118,849	$5.32	$79,629	553,004	632,633
14 ST-3		895,756	$4.25	$0	3,808,754	3,808,754
15 ST-4		0	$0.00	$0	0	0
16 ST-5		400,249	$5.21	$224,299	1,862,358	2,086,657
17 EST-6		5,272,877	$4.19	$130,767	21,940,442	22,071,209
18 FGP-SU1		2,372,500	$4.40	$0	10,447,262	10,447,262
19 PGP-SU		0	$0.00	$0	0	0
20 WGP-SU		0	$0.00	$0	0	0
21 SGP-SU		1,530,000	$3.97	$0	6,066,750	6,066,750
22 FGP-ST		0	$0.00	$0	0	0
23 PGP-ST		620,000	$4.80	$0	2,977,860	2,977,860
24 WGP-ST		1,565,119	$4.61	$0	7,217,744	7,217,744
25 SGP-ST		2,136,210	$3.97	$0	8,477,386	8,477,386
26 PGP-AL		620,000	$4.73	$0	2,934,460	2,934,460
27 WGP-AL		1,800,000	$4.54	$0	8,170,350	8,170,350
28 SGP-AL		2,140,000	$3.91	$0	8,364,630	8,364,630
29 PGP-NG		271,450	$4.84	$0	1,314,633	1,314,633
30 WGP-NG		227,942	$4.73	$0	1,077,138	1,077,138
31 SGP-NG		1,224,229	$4.05	$0	4,957,145	4,957,145
32 PGP-SG		348,556	$4.84	$0	1,688,057	1,688,057
33 WGP-SG		38,094	$4.73	$0	180,011	180,011
34 SGP-SG		2,140,000	$4.02	$0	8,597,080	8,597,080
35 PA-IF		3,000	$7.30	$0	21,893	21,893
36 SVLNG		0	$0.00	$0	0	0
37 T1&2-SU		1,619,657	$0.00	$0	0	0
38 T1&T2-ST		2,629,743	$0.00	$0	0	0
39 T1&T2-SG		3,086,005	$0.00	$0	0	0
40 T3-IMG		821,250	$0.00	$0	0	0
41 T4-IMG		20,832,879	$0.00	$0	0	0
42 FGP-IMG		0	$0.00	$0	0	0
43 FB-3		0	$0.00	$0	0	0
44 MrktSell		0	$0.00	$0	0	0
45 IFO		8,353	$7.11	$0	59,425	59,425
46 FGP-NIT		0	$0.00	$0	0	0
47 FGP-Stan		0	$0.00	$0	0	0
48 FGP-CG		0	$0.00	$0	0	0
49 FGP-SU2		0	$0.00	$0	0	0
50 BLANK		0	$0.00	$0	0	0
		74,991,551	$2.66	$498,229	$199,094,211	$199,592,440

2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	2	Annual												
50 # of resources		Volume	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period	Period
Resource		mmbtu	1	2	3	4	5	6	7	8	9	10	11	12
1 EGP-SU-1		1,283,500	$43,036	$43,036	$86,071	$215,178	$344,284	$602,497	$1,316,314	$1,188,929	$2,502,022	$0	$0	$0
2 EGP-AL-1		1,095,000	$13,989	$13,989	$27,978	$69,945	$111,912	$195,846	$427,382	$386,022	$809,867	$744,444	$704,001	$1,060,944
3 EGP-AL-2		912,500	$12,160	$12,160	$24,320	$60,800	$97,280	$170,240	$371,729	$335,755	$705,541	$651,023	$617,320	$930,350
4 EGP-ST-1		1,510,000	$50,630	$50,630	$101,260	$253,150	$405,040	$708,820	$1,548,605	$1,398,740	$2,943,555	$0	$0	$0
5 EGP-NG-1		981,500	$30,960	$30,960	$61,919	$154,798	$247,676	$433,433	$946,143	$854,581	$1,794,361	$0	$0	$0
6 EGP-NG-2		1,812,000	$57,156	$57,156	$114,312	$285,780	$457,248	$800,184	$1,746,726	$1,577,688	$3,312,666	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,772,545	$3,638,955	$5,484,120
8 EGP-SG-2		2,555,000	$33,271	$33,271	$66,542	$166,355	$266,168	$465,794	$1,016,754	$918,358	$1,928,119	$1,756,251	$1,693,909	$2,552,816
9 EGP-SG-3		453,000	$14,289	$14,289	$28,578	$71,445	$114,312	$200,046	$436,682	$394,422	$828,167	$0	$0	$0
10 EGP-CG-1		2,265,000	$76,845	$76,845	$153,690	$384,225	$614,760	$1,075,830	$2,350,808	$2,123,310	$4,470,233	$0	$0	$0
11 EGP-CG-2		3,650,000	$46,530	$46,530	$93,060	$232,650	$372,240	$651,420	$1,421,505	$1,283,940	$2,693,455	$2,475,380	$2,340,570	$3,527,280
12 ST-1		2,541,334	$79,009	$79,009	$158,017	$395,044	$632,070	$1,106,122	$2,449,271	$2,212,244	$3,539,947	$0	$0	$0
13 ST-2		118,849	$267,641	$170,473	$114,891	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		895,756	$63,780	$63,780	$127,560	$318,900	$510,240	$524,084	$1,977,180	$223,230	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		400,249	$335,016	$335,016	$670,032	$522,294	$0	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,272,877	$201,063	$201,063	$402,127	$1,005,317	$1,576,750	$2,582,658	$6,232,963	$5,629,773	$4,108,729	$0	$0	$0
18 FGP-SU1		2,372,500	$32,910	$32,910	$65,819	$164,548	$263,276	$460,733	$1,006,593	$909,181	$1,913,311	$1,654,595	$1,572,916	$2,370,472
19 PGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20 WGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
21 SGP-SU		1,530,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,419,870	$3,646,880
22 FGP-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23 PGP-ST		620,000	$96,060	$96,060	$192,120	$480,300	$768,480	$1,344,840	$0	$0	$0	$0	$0	$0
24 WGP-ST		1,565,119	$0	$0	$0	$0	$0	$0	$2,178,758	$1,967,910	$3,071,076	$0	$0	$0
25 SGP-ST		2,136,210	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,502,436	$2,383,270	$3,591,680
26 PGP-AL		620,000	$94,660	$94,660	$189,320	$473,300	$757,280	$1,325,240	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,800,000	$0	$0	$0	$0	$0	$0	$2,150,858	$1,942,710	$4,076,783	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,481,480	$2,346,670	$3,536,480
29 PGP-NG		271,450	$29,403	$29,403	$173,990	$434,976	$235,222	$411,639	$0	$0	$0	$0	$0	$0
30 WGP-NG		227,942	$0	$0	$0	$0	$0	$0	$889,372	$187,766	$0	$0	$0	$0
31 SGP-NG		1,224,229	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,515,030	$1,549,446	$892,669
32 PGP-SG		348,556	$67,456	$67,459	$19,731	$49,328	$539,656	$944,426	$0	$0	$0	$0	$0	$0
33 WGP-SG		38,094	$0	$0	$0	$0	$0	$0	$180,011	$0	$0	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,515,030	$2,425,970	$3,656,080
35 PA-IF		3,000	$21,893	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		20,832,879	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		8,353	$33,438	$25,987	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		74,991,551												

2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

2	Year	
12	Number of periods	
40	Number of Resources	

				12 Number of Periods											
				Transport Utilization Rate											
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.5	0.5
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.4	0.3
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.4	0.0	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.4	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	0.6	1.0	0.1	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

2	Year																	
12	Number of periods			Transport		Transport Capacity by Period in MMBTU Per Day												
40	Number of Resources			Capability		1	2	3	4	5	6	7	8	9	10	11	12
Resource		From	To	mmbtu/day	Arc													
1	ENWP-SU	Sumas	IMG	41,146	1	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	10,937	20,937	20,937
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	62,701	29,858	16,584	3,529
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	28,374	26,955	18,455	14,842	10,896
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	59,550	58,321	26,188	25,822	0	0
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	13,661	12,716	0	0
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	0	0	0
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	8,804	15,000	1,875	0	0	0	0
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	22,450	0	0	0	0	0	0	0	0
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	227,936	231,770	237,650	209,217	193,795	187,700	179,307	166,788	137,616	94,651	73,096	62,333
12	ELAT-CAN	IMG	Canyon	59,500	7	59,500	59,302	55,200	46,115	42,671	41,330	39,564	36,785	30,288	20,726	15,933	13,242
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	62,208	58,584	57,152	55,267	52,304	45,424	35,302	30,226	27,396
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,025	12,931	10,506	9,592	9,232	8,758	8,014	6,279	3,720	2,434	0
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	11,892	11,892	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	11,891	11,892	0	0	10,938	7,906	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,816	0	0	0	0	0	0	0	0	0
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	650	0	0	0	0	0	0	0	0	0	0	1,718
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	2,051	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	559	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						715,218	715,219	715,219	616,118	569,310	550,854	520,818	482,806	389,235	252,187	174,053	140,053

2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

2	Year				
12	Number of periods				Annual
40	Number of Resources				Volume in
Resource		From	To		mmbtu
1	ENWP-SU	Sumas	IMG		602,560
2	ENWP-ST	Stanfield	IMG		2,528,260
3	ENWP-NG	N. Green	IMG		1,023,806
4	ENWP-SG	S. Green	IMG		1,871,098
5	EPGT-AN	NIT	Stanfield		996,898
6	EPGT-WI	NIT	Stanfield		378,014
7	ENWP-JP	Stanfield	IMG		378,256
8	ENWP-JP2	Stanfield	IMG		0
9	ENWP-LS	Stanfield	IMG		400,249
10	EIMG-PO	IMG	Boise		0
11	ELAT-BOI	IMG	Boise		6,159,252
12	ELAT-CAN	IMG	Canyon		1,379,769
13	ELAT-CAN	IMG	Idaho Falls		1,855,839
14	ELAT-SUN	IMG	Sun Valley		312,802
15	FNWP-SU	Sumas	IMG		0
16	FNWP-ST	Stanfield	IMG		0
17	FNWP-NG	N. Green	IMG		83,243
18	FNWP-SG	S. Green	IMG		221,964
19	FPGT-AN	NIT	Stanfield		0
20	XLAT-CAN	IMG	Canyon		0
21	XLAT-CAN2	IMG	Canyon		0
22	XLAT-IF1	IMG	Idaho Falls		12,631
23	XLAT-IF2	IMG	Idaho Falls		0
24	XLAT-SUN	IMG	Sun Valley		650
25	FLAT-BOI	IMG	Boise		0
26	FLAT-CAN	IMG	Canyon		2,051
27	FLAT-IF	IMG	Idaho Falls		559
28	FLAT-SUN	IMG	Sun Valley		0
29	BLANK	0	0		0
30	BLANK	0	0		0
31	BLANK	0	0		0
32	BLANK	0	0		0
33	BLANK	0	0		0
34	BLANK	0	0		0
35	BLANK	0	0		0
36	BLANK	0	0		0
37	BLANK	0	0		0
38	BLANK	0	0		0
39	BLANK	0	0		0
40	BLANK	0	0		0

Transport Utilization Rate												Transport Capability mmbtu/day	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
5	6	7	8	9	10	11	12							1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To										**Peak**	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #				**ARC #**	**Max**				**Demand**	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6				**1**	91,146					19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	10,937	20,937	20,937	
2	Stanfield	2	IMG	6				**2**	246,300					168,557	168,557	168,557	119,007	96,557	90,361	86,557	73,432	62,701	29,858	16,584	3,529	
3	N. Green	3	IMG	6				**3**	83,026					33,026	33,026	44,918	44,918	33,026	33,026	33,026	28,374	26,955	18,455	14,842	10,896	
4	S. Green	4	IMG	6				**4**	110,358					72,249	72,250	60,358	60,358	71,296	68,264	59,550	58,321	26,188	25,822	0	0	
5	NIT	5	Stanfield	2				**5**	62,844					44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	34,347	12,716	0	0	
6	IMG	6	Boise	7				**6**	875,500				285,456	227,936	231,770	237,650	209,217	193,795	187,700	179,307	166,788	137,616	94,651	73,096	62,333	
7	IMG	6	Canyon	8				**7**	119,500				61,551	61,551	59,302	55,200	46,115	42,671	41,330	39,564	36,785	30,288	20,726	15,933	13,242	
8	IMG	6	Idaho Fa	9				**8**	137,000				80,759	73,059	72,500	71,816	62,208	58,584	57,152	55,267	52,304	45,424	35,302	30,226	27,396	
9	IMG	6	Sun Valle	10				9	66,400				15,050	15,050	14,025	12,931	10,506	9,592	9,232	8,758	8,014	6,279	3,720	2,434	1,718	
	Transport Lateral + Storage = Peak Demand												442,816	715,218	715,219	715,219	616,118	569,310	550,854	520,818	482,806	389,235	252,187	174,053	140,053	
Storage @			Boise											57,520	36,637	12,346	-	-	-	-	-	-	-	-	-	
Storage @			Canyon											-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls											7,700	3,653	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley											-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise										**285,456**	**285,456**	**268,407**	**249,996**	**209,217**	**193,795**	**187,700**	**179,307**	**166,788**	**137,616**	**94,651**	**73,096**	**62,333**	
Total @			Canyon										**61,551**	**61,551**	**59,302**	**55,200**	**46,115**	**42,671**	**41,330**	**39,564**	**36,785**	**30,288**	**20,726**	**15,933**	**13,242**	
Total @			Idaho Falls										**80,759**	**80,759**	**76,153**	**71,816**	**62,208**	**58,584**	**57,152**	**55,267**	**52,304**	**45,424**	**35,302**	**30,226**	**27,396**	
Total @			Sun Valley										**15,050**	**15,050**	**14,025**	**12,931**	**10,506**	**9,592**	**9,232**	**8,758**	**8,014**	**6,279**	**3,720**	**2,434**	**1,718**	
													442,816	442,816	417,887	389,942	328,046	304,642	295,414	282,896	263,890	219,607	154,399	121,690	104,690	

Transport & Supply Balane															
From Above	To IMG	Transport	293,270	293,270	293,270	243,720	220,316	211,088	198,570	179,564	135,281	85,072	52,363	35,363	
From Above	To Laterals	Transport	377,596	377,597	377,596	328,046	304,642	295,414	282,896	263,890	219,607	154,399	121,690	104,690	
From Utilization	Storage		65,220	40,290	12,346	-	-	-	-	-	-	-	-	-	
From Above	Total Strg & Transport		**442,816**	**417,887**	**389,942**	**328,046**	**304,642**	**295,414**	**282,896**	**263,890**	**219,607**	**154,399**	**121,690**	**104,690**	
From Gas Utilization	Gas Supply	Supply	**442,816**	**417,887**	**389,942**	328,046	304,642	295,414	282,896	263,890	219,607	163,361	169,810	165,865	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	363,393	338,463	310,519	248,623	225,219	215,991	203,473	184,467	140,184	83,938	90,387	86,442	
No Cost Gas @ IMG	T-3 & T-4	Supply	59,326	59,326	59,326	59,326	59,326	59,326	59,326	59,326	59,326	59,326	59,326	59,326	
From LDC	Dist	Demand	**442,816**	**417,887**	**794,205**	**1,670,326**	**2,481,839**	**4,211,636**	**8,930,457**	**7,524,233**	**#########**	**9,589,917**	**7,557,845**	**9,684,853**	
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Sup	442,816	417,887	779,885	1,640,231	2,437,138	4,135,798	8,769,786	7,388,931	13,396,037	9,965,036	10,358,428	15,259,578	74,991,551
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Sup	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Sup	363,393	338,463	621,038	1,243,114	1,801,751	3,023,871	6,307,661	5,165,076	8,551,211	5,120,210	5,513,602	7,952,627	46,002,017
No Cost Gas @ IMG	T-3 & T-4	Volume Sup	59,326	59,326	118,653	296,632	474,611	830,569	1,839,118	1,661,139	3,618,909	3,618,909	3,618,909	5,458,027	21,654,129
From LDC		Demand	442,816	417,887	1,588,410	8,351,628	19,854,710	58,962,900	276,844,153	210,678,524	#########	584,984,920	#########	891,006,509	###########
Storage Injections			0	0	-808,525	-6,711,397	#########	#########	-268,074,367	-203,289,593	#########	-575,019,883	#########	-875,746,931	###########
			13	14	15	16	17	18	19	20	21	22	23	24	###########
			1	2	3	4	5	6	7	8	9	10	11	12	28,989,534
															28,461,605

Year 2

2005-09 IRP Model
Transport Cost Summary
Scenario: Design High Growth
April 2004

	2 Year Resource	Annual Volume mmbtu	Transport Variable Cost $/mmbtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	602,560	$0.036	1.0	$22,187	$22,187
2	ENWP-ST	2,528,260	$0.036	1.0	$93,096	$93,096
3	ENWP-NG	1,023,806	$0.036	1.0	$37,699	$37,699
4	ENWP-SG	1,871,098	$0.036	1.0	$68,898	$68,898
5	EPGT-AN	996,898	$0.010	1.0	$10,219	$10,219
6	EPGT-WI	378,014	$0.010	1.0	$3,875	$3,875
7	ENWP-JP	378,256	$0.030	1.0	$11,575	$11,575
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	400,249	$0.030	1.0	$12,248	$12,248
10	EIMG-PO	0	$0.0001	1.0	$0	$0
11	ELAT-BOI	6,159,252	$0.0001	1.0	$616	$616
12	ELAT-CAN	1,379,769	$0.0001	1.0	$138	$138
13	ELAT-CAN	1,855,839	$0.0001	1.0	$186	$186
14	ELAT-SUN	312,802	$0.0001	1.0	$32	$32
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	83,243	$0.300	1.0	$24,973	$24,973
18	FNWP-SG	221,964	$0.300	1.0	$66,589	$66,589
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000150	1.0	$0	$0
21	XLAT-CAN2	0	$0.0002	1.0	$0	$0
22	XLAT-IF1	12,631	$0.0002	1.0	$2	$2
23	XLAT-IF2	0	$0.0002	1.0	$0	$0
24	XLAT-SUN	650	$0.0002	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	2,051	$10.000	1.0	$20,922	$20,922
27	FLAT-IF	559	$10.000	1.0	$5,707	$5,707
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	0.0	$0	$0
30	BLANK	0	$0.000	0.0	$0	$0
31	BLANK	0	$0.000	0.0	$0	$0
32	BLANK	0	$0.000	0.0	$0	$0
33	BLANK	0	$0.000	0.0	$0	$0
34	BLANK	0	$0.000	0.0	$0	$0
35	BLANK	0	$0.000	0.0	$0	$0
36	BLANK	0	$0.000	0.0	$0	$0
37	BLANK	0	$0.000	0.0	$0	$0
38	BLANK	0	$0.000	0.0	$0	$0
39	BLANK	0	$0.000	0.0	$0	$0
40	BLANK	0	$0.000	0.0	$0	$0
		18,205,290			352,331	352,331

Year 2
ANNUAL SUMMARY

Total Transport Cost
$352,331
Total Resource Cost
$199,592,440
Total IRP Costs
$199,944,771
PV $s
181,767,973

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year	3			12	Number of periods											
50	# of resources	Area		Utilization rates by period												
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.1	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.4	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	PGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.3
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.5	1.0	0.5	1.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.1	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	1.0	0.5	1.0	0.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year 3																		
50 # of resources		Area		mmbtu		Capacity in MMBTU/day by Period												
Resource		Delivered		per day	Strg	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	58,426	32,702	3,831	0	0	0	0	0	0	0	0	0	94,959
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	12,702	12,772	13,200	1,800	0	0	0	0	100,474
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	21,882	0	0	0	0	0	0	0	0	237,882
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	38,717	48,321	48,321	17,396	0	0	0	394,359
18	FGP-SU1	Sumas	1	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	78,000
19	PGP-SU	Sumas	1	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	3,658	10,000	3,275	16,933
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	15,000	0	0	0	45,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	15,000	0	0	0	45,000
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	10,000	20,000	10,000	20,000	10,000	10,000	0	0	0	0	0	0	80,000
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	780	0	0	0	12,923
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	20,000	10,000	20,000	10,000	20,000	20,000	0	0	0	0	0	0	100,000
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	10,967	2,731	0	0	0	0	13,697
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	58,560	0	58,560	58,560	58,560	58,560	58,560	58,560	58,560	58,560	58,560	58,560	58,560	58,560	702,724
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	10,000	0	10,000	10,000	10,000	0	0	0	0	0	0	0	0	0	30,000
49	FGP-SU2	Sumas	1	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	457,507	431,782	402,911	338,962	314,782	305,248	292,318	272,682	226,930	168,565	174,907	168,182	3,554,778

9	10	11	12	mmbtu per day	Strg	Capacity in MMBTU/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	60,000		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	14,595	20,937	14,212	224,682
Stanfield			2	214,500		124,205	124,205	124,205	74,087	49,907	49,977	45,405	34,005	32,205	17,205	17,205	17,205	709,813
N. Green			3	63,500		36,955	46,955	36,955	46,955	36,954	36,955	33,026	33,026	27,735	18,455	18,455	18,455	390,880
S. Green			4	118,321		78,321	68,321	78,321	68,321	78,321	68,717	69,288	61,051	27,396	32,000	32,000	32,000	694,056
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	34,347	15,500	15,500	15,500	425,663
IMG			6	25,000		95,810	95,810	95,810	85,810	85,810	85,810	85,810	85,810	85,810	70,810	70,810	70,810	1,014,724
Boise			7	60,000	292,962	58,426	32,702	3,831	-	-	-	-	-	-	-	-	-	94,959
Canyon			8	0	64,990	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	83,853	-	-	-	-	-	-	-	-	-	-	-	-	0
Sun Valley			10	200	15,701	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	457,507	457,507	431,782	402,911	338,962	314,782	305,248	292,318	272,682	226,930	168,565	174,907	168,182	3,554,778

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	Net at **Node**
241	1	Sumas	**0**	0	19,437	19,437	19,437	-
242	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
243	3	N. Green	**0**	0	36,955	36,955	36,955	-
244	4	S. Green	**0**	0	78,321	78,321	78,321	-
245	5	NIT	**0**	0	44,352	44,352	44,352	-
246	6	IMG	**0**	303,270	95,810	399,081	399,081	-
247	7	Boise	**292,962**	234,536	58,426	292,962	-	292,962
248	8	Canyon	**64,990**	64,990	-	64,990	-	64,990
249	9	Idaho Falls	**83,853**	83,853	-	83,853	-	83,853
250	10	Sun Valley	**15,701**	15,701	-	15,701	-	15,701
		Totals	457,507	746,703	457,507	#######	746,703	457,507

Storage by Period

		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	58,426	32,702	3,831	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design High Growth
April 2004

Year	3		Flow Capacity in MMBU Per Period / Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	58,426	32,702	7,662	0	0	0	0	0	0	0	0	0	98,790
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	101,616	178,808	409,200	50,400	0	0	0	0	875,024
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	109,410	0	0	0	0	0	0	0	0	397,410
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	542,037	1,497,948	1,352,985	1,061,127	0	0	0	5,275,554
18	FGP-SU1	Sumas	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	396,500	396,500	598,000	2,372,500
19	PGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	223,143	610,000	301,295	1,134,438
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	915,000	0	0	0	1,800,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	915,000	0	0	0	1,800,000
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	10,000	20,000	20,000	100,000	79,997	139,998	0	0	0	0	0	0	369,995
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	47,605	0	0	0	405,805
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	20,000	10,000	40,000	50,000	160,000	280,000	0	0	0	0	0	0	560,000
33	WGP-SG	S. Green	0	0	0	0	0	0	339,969	76,456	0	0	0	0	416,425
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	58,560	58,560	117,121	292,802	468,483	819,845	1,815,371	1,639,690	3,572,182	3,572,182	3,572,182	5,387,554	21,374,534
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	10,000	10,000	20,000	0	0	0	0	0	0	0	0	0	40,000
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			366,599	340,875	624,008	1,290,274	1,870,996	3,140,771	6,553,736	5,369,691	8,907,386	5,347,143	5,734,000	8,029,295	47,574,775

RP

ı Volumes
gh Growth

3		Flow Capacity in MMBU Per Period / Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	19,437	19,437	38,875	97,187	155,499	272,124	602,560	544,248	1,185,682	890,325	1,277,182	1,307,538	6,410,096
2	Stanfield	124,205	124,205	248,410	370,434	399,254	699,675	1,407,548	952,134	1,964,491	1,049,491	1,049,491	1,582,839	9,972,177
3	N. Green	36,955	46,955	73,910	234,774	295,635	517,365	1,023,806	924,728	1,691,848	1,125,743	1,125,743	1,697,842	8,795,305
4	S. Green	78,321	68,321	156,642	341,604	626,567	962,037	2,147,917	1,709,442	1,671,127	1,952,000	1,952,000	2,944,000	14,609,979
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	2,095,154	945,500	945,500	1,426,000	9,108,834
6	IMG	95,810	95,810	191,621	429,052	686,483	1,201,345	2,660,121	2,402,690	5,234,432	4,319,432	4,319,432	6,514,554	28,150,784
7	Boise	58,426	32,702	7,662	0	0	0	0	0	0	0	0	0	98,790
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		457,507	431,782	805,823	1,694,811	2,518,255	4,273,474	9,061,864	7,635,098	13,842,736	10,282,492	10,669,349	15,472,773	77,145,964

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design High Growth
April 2004

Year 3			12 Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design High Growth
April 2004

Year 3					Injections including in MMBTU per period														
50	# of resource	Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	mmbtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	98,790	98,790	$ 66,189	98,790
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	875,024	875,024	$ -	875,024
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	100,175	297,235	397,410	$ 222,708	397,410
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	379,554	1,952,000	2,944,000	5,275,554	$ 130,834	5,275,554
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	3	Annual Volume mmbtu	Variable Cost Summary by Resource: Total Annual $/mmbtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources						
Resource						
1 EGP-SU-1		1,283,500	$4.74	$0	6,082,137	6,082,137
2 EGP-AL-1		1,095,000	$3.99	$0	4,371,267	4,371,267
3 EGP-AL-2		912,500	$4.19	$0	3,826,135	3,826,135
4 EGP-ST-1		1,510,000	$4.74	$0	7,155,455	7,155,455
5 EGP-NG-1		981,500	$4.42	$0	4,336,966	4,336,966
6 EGP-NG-2		1,812,000	$4.42	$0	8,006,706	8,006,706
7 EGP-SG-1		3,210,000	$3.84	$0	12,339,503	12,339,503
8 EGP-SG-2		2,555,000	$4.07	$0	10,403,463	10,403,463
9 EGP-SG-3		453,000	$4.42	$0	2,001,677	2,001,677
10 EGP-CG-1		2,265,000	$4.80	$0	10,869,083	10,869,083
11 EGP-CG-2		3,650,000	$3.98	$0	14,534,390	14,534,390
12 ST-1		2,541,334	$3.92	$63,533	9,895,956	9,959,490
13 ST-2		98,790	$5.09	$66,189	436,454	502,643
14 ST-3		875,024	$3.99	$0	3,486,971	3,486,971
15 ST-4		0	$0.00	$0	0	0
16 ST-5		397,410	$4.98	$222,708	1,755,757	1,978,465
17 EST-6		5,275,554	$4.04	$130,834	21,181,348	21,312,181
18 FGP-SU1		2,372,500	$4.26	$0	10,103,529	10,103,529
19 PGP-SU		0	$0.00	$0	0	0
20 WGP-SU		0	$0.00	$0	0	0
21 SGP-SU		1,134,438	$3.91	$0	4,438,389	4,438,389
22 FGP-ST		0	$0.00	$0	0	0
23 PGP-ST		620,000	$4.57	$0	2,832,160	2,832,160
24 WGP-ST		1,800,000	$4.34	$0	7,816,913	7,816,913
25 SGP-ST		2,140,000	$3.84	$0	8,223,335	8,223,335
26 PGP-AL		620,000	$4.50	$0	2,788,760	2,788,760
27 WGP-AL		1,800,000	$4.28	$0	7,708,913	7,708,913
28 SGP-AL		2,140,000	$3.78	$0	8,094,935	8,094,935
29 PGP-NG		369,995	$4.64	$0	1,716,037	1,716,037
30 WGP-NG		405,805	$4.48	$0	1,819,666	1,819,666
31 SGP-NG		2,140,000	$3.84	$0	8,226,335	8,226,335
32 PGP-SG		560,000	$4.64	$0	2,597,279	2,597,279
33 WGP-SG		416,425	$4.51	$0	1,876,204	1,876,204
34 SGP-SG		2,140,000	$3.84	$0	8,226,335	8,226,335
35 PA-IF		0	$0.00	$0	0	0
36 SVLNG		0	$0.00	$0	0	0
37 T1&2-SU		1,619,657	$0.00	$0	0	0
38 T1&T2-ST		2,629,743	$0.00	$0	0	0
39 T1&T2-SG		3,086,005	$0.00	$0	0	0
40 T3-IMG		821,250	$0.00	$0	0	0
41 T4-IMG		21,374,534	$0.00	$0	0	0
42 FGP-IMG		0	$0.00	$0	0	0
43 FB-3		0	$0.00	$0	0	0
44 MrktSell		0	$0.00	$0	0	0
45 IFO		0	$0.00	$0	0	0
46 FGP-NIT		0	$0.00	$0	0	0
47 FGP-Stan		0	$0.00	$0	0	0
48 FGP-CG		40,000	$4.52	$0	180,720	180,720
49 FGP-SU2		0	$0.00	$0	0	0
50 BLANK		0	$0.00	$0	0	0
		77,145,964	$2.56	$483,265	$197,332,774	$197,816,039

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	3	Annual Volume mmbtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$41,463	$41,463	$82,926	$207,315	$331,704	$580,482	$1,263,614	$1,141,329	$2,391,841	$0	$0	$0
2 EGP-AL-1		1,095,000	$13,284	$13,284	$26,568	$66,420	$106,272	$185,976	$404,132	$365,022	$761,829	$700,982	$687,531	$1,039,968
3 EGP-AL-2		912,500	$11,573	$11,573	$23,145	$57,863	$92,580	$162,015	$352,354	$318,255	$665,510	$614,804	$603,595	$912,870
4 EGP-ST-1		1,510,000	$48,780	$48,780	$97,560	$243,900	$390,240	$682,920	$1,486,605	$1,342,740	$2,813,930	$0	$0	$0
5 EGP-NG-1		981,500	$29,627	$29,627	$59,254	$148,135	$237,016	$414,778	$901,813	$814,541	$1,702,175	$0	$0	$0
6 EGP-NG-2		1,812,000	$54,696	$54,696	$109,392	$273,480	$437,568	$765,744	$1,664,886	$1,503,768	$3,142,476	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,587,258	$3,483,405	$5,268,840
8 EGP-SG-2		2,555,000	$31,836	$31,836	$63,672	$159,180	$254,688	$445,704	$969,014	$875,238	$1,828,841	$1,669,784	$1,621,319	$2,452,352
9 EGP-SG-3		453,000	$13,674	$13,674	$27,348	$68,370	$109,392	$191,436	$416,222	$375,942	$785,619	$0	$0	$0
10 EGP-CG-1		2,265,000	$74,070	$74,070	$148,140	$370,350	$592,560	$1,036,980	$2,257,808	$2,039,310	$4,275,795	$0	$0	$0
11 EGP-CG-2		3,650,000	$44,180	$44,180	$88,360	$220,900	$353,440	$618,520	$1,344,005	$1,213,940	$2,533,330	$2,330,505	$2,285,670	$3,457,360
12 ST-1		2,541,334	$73,410	$73,410	$146,819	$367,048	$587,278	$1,027,736	$2,275,700	$2,055,471	$3,289,084	$0	$0	$0
13 ST-2		98,790	$258,126	$144,477	$33,851	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		875,024	$59,775	$59,775	$119,550	$298,875	$404,940	$712,550	$1,630,662	$200,844	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		397,410	$318,096	$318,096	$636,192	$483,373	$0	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,275,554	$194,008	$194,008	$388,017	$970,042	$1,552,068	$2,176,279	$6,014,262	$5,432,237	$4,260,426	$0	$0	$0
18 FGP-SU1		2,372,500	$31,707	$31,707	$63,414	$158,535	$253,656	$443,898	$966,293	$872,781	$1,829,055	$1,570,338	$1,545,161	$2,336,984
19 PGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20 WGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
21 SGP-SU		1,134,438	$0	$0	$0	$0	$0	$0	$0	$0	$0	$883,756	$2,377,170	$1,177,463
22 FGP-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23 PGP-ST		620,000	$91,360	$91,360	$182,720	$456,800	$730,880	$1,279,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		1,800,000	$0	$0	$0	$0	$0	$0	$2,062,508	$1,862,910	$3,891,495	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,373,205	$2,328,370	$3,521,760
26 PGP-AL		620,000	$89,960	$89,960	$179,920	$449,800	$719,680	$1,259,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,800,000	$0	$0	$0	$0	$0	$0	$2,034,608	$1,837,710	$3,836,595	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,336,605	$2,291,770	$3,466,560
29 PGP-NG		369,995	$46,382	$92,760	$92,760	$463,800	$371,025	$649,310	$0	$0	$0	$0	$0	$0
30 WGP-NG		405,805	$0	$0	$0	$0	$0	$0	$847,966	$765,905	$205,795	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,391,505	$2,322,270	$3,512,560
32 PGP-SG		560,000	$92,760	$46,380	$185,520	$231,899	$742,080	$1,298,640	$0	$0	$0	$0	$0	$0
33 WGP-SG		416,425	$0	$0	$0	$0	$0	$0	$1,531,729	$344,475	$0	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,391,505	$2,322,270	$3,512,560
35 PA-IF		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		21,374,534	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		40,000	$45,180	$45,180	$90,360	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		77,145,964												

Year 3

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

3	Year	
12	Number of periods	
40	Number of Resources	

12 Number of Periods

Transport Utilization Rate

Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.3	0.2	0.1
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.4	0.0	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	0.7	0.7	1.0	1.0	1.0	0.4	0.4	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	1.0	1.0	0.6	0.3	0.3	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.1	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	1.0	0.8	0.8	0.7	0.7	0.7	0.5	0.4	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.5	0.5	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.1	0.3	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.4	0.2	0.4	0.2	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	1.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

3	Year																		
12	Number of periods			Transport		Transport Capacity by Period in MMBTU Per Day												Annual
40	Number of Resources			Capability		1	2	3	4	5	6	7	8	9	10	11	12	Volume in
Resource		From	To	mmbtu/day	Arc													mmbtu
1	ENWP-SU	Sumas	IMG	41,146	1	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	14,595	20,937	14,212	602,560
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	66,552	29,921	15,563	4,463	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	27,735	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	27,396	25,778	0	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	23,666	23,666	32,158	32,158	32,158	13,661	12,716	0	0	886,502
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	20,686	20,686	12,194	7,194	7,194	20,686	0	0	0	488,410
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	12,702	12,772	13,200	1,800	0	0	0	0	415,424
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	21,882	0	0	0	0	0	0	0	0	397,410
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	234,536	242,763	252,739	214,718	198,891	192,636	184,022	171,174	141,235	97,140	75,019	63,721	6,344,409
12	ELAT-CAN	IMG	Canyon	59,500	7	59,500	59,500	58,284	48,691	45,055	43,639	41,775	38,841	31,980	21,884	16,823	13,981	1,450,413
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	64,591	60,828	59,341	57,384	54,307	47,164	36,654	31,384	28,446	1,916,358
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,400	13,490	10,961	10,007	9,632	9,137	8,361	6,551	3,881	2,539	0	325,487
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	3,929	13,929	3,929	13,929	3,928	3,929	0	0	0	0	0	0	181,788
18	FNWP-SG	S. Green	IMG	50,000	4	17,963	7,963	17,963	7,963	17,963	8,359	8,930	693	0	0	0	0	362,394
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	5,490	3,115	0	0	0	0	0	0	0	0	0	0	8,605
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	353	0	0	0	0	0	0	0	0	0	0	0	353
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	14,500	10,070	5,567	0	0	0	0	0	0	0	0	0	35,703
24	XLAT-SUN	IMG	Sun Valley	2,000	9	1,301	232	0	0	0	0	0	0	0	0	0	1,793	1,534
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						746,703	746,702	746,702	636,466	588,105	569,038	538,178	498,906	402,397	261,024	180,720	145,070	

Transport Utilization Rate								Transport Capability mmbtu/day	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						**Peak**	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			**ARC #**	**Max**	**Demand**	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			**1**	91,146		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	14,595	20,937	14,212	
2	Stanfield	2	IMG	6			**2**	246,300		168,557	168,557	168,557	118,439	94,259	94,329	84,757	73,357	66,552	29,921	15,563	4,463	
3	N. Green	3	IMG	6			**3**	83,026		36,955	46,955	36,955	46,955	36,954	36,955	33,026	33,026	27,735	18,455	18,455	18,455	
4	S. Green	4	IMG	6			**4**	110,358		78,321	68,321	78,321	68,321	78,321	68,717	69,288	61,051	27,396	25,778	0	0	
5	NIT	5	Stanfield	2			**5**	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	34,347	12,716	0	0	
6	IMG	6	Boise	7			**6**	875,500	292,962	234,536	242,763	252,739	214,718	198,891	192,636	184,022	171,174	141,235	97,140	75,019	63,721	
7	IMG	6	Canyon	8			**7**	119,500	64,990	64,990	62,615	58,284	48,691	45,055	43,639	41,775	38,841	31,980	21,884	16,823	13,981	
8	IMG	6	Idaho Fa	9			**8**	137,000	83,853	83,853	79,070	74,567	64,591	60,828	59,341	57,384	54,307	47,164	36,654	31,384	28,446	
9	IMG	6	Sun Valle	10			9	66,400	15,701	15,701	14,632	13,490	10,961	10,007	9,632	9,137	8,361	6,551	3,881	2,539	1,793	
	Transport Lateral + Storage = Peak Demand								457,507	746,703	746,702	746,702	636,466	588,105	569,038	538,178	498,906	402,397	261,024	180,720	145,070	
Storage @			Boise							58,426	32,702	3,831	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**292,962**	**292,962**	**275,465**	**256,570**	**214,718**	**198,891**	**192,636**	**184,022**	**171,174**	**141,235**	**97,140**	**75,019**	**63,721**	
Total @			Canyon						**64,990**	**64,990**	**62,615**	**58,284**	**48,691**	**45,055**	**43,639**	**41,775**	**38,841**	**31,980**	**21,884**	**16,823**	**13,981**	
Total @			Idaho Falls						**83,853**	**83,853**	**79,070**	**74,567**	**64,591**	**60,828**	**59,341**	**57,384**	**54,307**	**47,164**	**36,654**	**31,384**	**28,446**	
Total @			Sun Valley						**15,701**	**15,701**	**14,632**	**13,490**	**10,961**	**10,007**	**9,632**	**9,137**	**8,361**	**6,551**	**3,881**	**2,539**	**1,793**	
									457,507	457,507	431,782	402,911	338,962	314,782	305,248	292,318	272,682	226,930	159,559	125,765	107,940	

Transport & Supply Balane

From Above	To IMG	Transport	303,270	303,270	303,270	253,152	228,972	219,438	206,508	186,872	141,120	88,749	54,955	37,130	
From Above	To Laterals	Transport	399,081	399,080	399,080	338,962	314,782	305,248	292,318	272,682	226,930	159,559	125,765	107,940	
From Utilization	Storage		58,426	32,702	3,831	-	-	-	-	-	-	-	-	-	
From Above	Total Strg &	Transport	**457,507**	**431,782**	**402,911**	**338,962**	**314,782**	**305,248**	**292,318**	**272,682**	**226,930**	**159,559**	**125,765**	**107,940**	
From Gas Utilization	Gas Supply	Supply	**457,507**	**431,782**	**402,911**	338,962	314,782	305,248	292,318	272,682	226,930	168,565	174,907	168,182	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	376,599	350,875	322,004	258,055	233,875	224,341	211,411	191,775	146,023	87,658	94,000	87,275	
No Cost Gas @ IMG	T-3 & T-4	Supply	60,810	60,810	60,810	60,810	60,810	60,810	60,810	60,810	60,810	60,810	60,810	60,810	
From LDC	Dist	Demand	**457,507**	**431,782**	**814,101**	**1,712,067**	**2,543,786**	**4,316,705**	**9,153,072**	**7,711,558**	**13,979,294**	**9,825,432**	**7,741,801**	**9,918,797**	
Days	Volumes below		1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Supp	457,507	431,782	805,823	1,694,811	2,518,255	4,273,474	9,061,864	7,635,098	13,842,736	10,282,492	10,669,349	15,472,773	77,145,964
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Supp	376,599	350,875	644,008	1,290,274	1,870,996	3,140,771	6,553,736	5,369,691	8,907,386	5,347,143	5,734,000	8,029,295	47,614,775
No Cost Gas @ IMG	T-3 & T-4	Volume Supp	60,810	60,810	121,621	304,052	486,483	851,345	1,885,121	1,702,690	3,709,432	3,709,432	3,709,432	5,594,554	22,195,784
From LDC		Demand	457,507	431,782	1,628,201	8,560,335	20,350,287	60,433,875	283,745,226	215,923,631	852,736,953	599,351,343	472,249,863	912,529,360	###########
Storage Injections			0	0	-822,379	-6,865,524	#########	-56,160,401	-274,683,361	-208,288,534	-838,894,217	-589,068,851	-461,580,513	-897,056,587	###########

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design High Growth
April 2004

	3 Year Resource	Annual Volume mmbtu	Transport Variable Cost $/mmbtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	602,560	$0.036	1.0	$22,631	$22,631
2	ENWP-ST	2,528,260	$0.036	1.0	$94,958	$94,958
3	ENWP-NG	1,023,806	$0.036	1.0	$38,453	$38,453
4	ENWP-SG	1,871,098	$0.036	1.0	$70,276	$70,276
5	EPGT-AN	886,502	$0.010	1.0	$9,269	$9,269
6	EPGT-WI	488,410	$0.010	1.0	$5,107	$5,107
7	ENWP-JP	415,424	$0.030	1.0	$12,966	$12,966
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	397,410	$0.030	1.0	$12,404	$12,404
10	EIMG-PO	0	$0.0001	1.0	$0	$0
11	ELAT-BOI	6,344,409	$0.0001	1.0	$634	$634
12	ELAT-CAN	1,450,413	$0.0001	1.0	$145	$145
13	ELAT-CAN	1,916,358	$0.0001	1.0	$192	$192
14	ELAT-SUN	325,487	$0.0001	1.0	$34	$34
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	181,788	$0.300	1.0	$54,536	$54,536
18	FNWP-SG	362,394	$0.300	1.0	$108,718	$108,718
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000150	1.0	$0	$0
21	XLAT-CAN2	8,605	$0.0002	1.0	$1	$1
22	XLAT-IF1	353	$0.0002	1.0	$0	$0
23	XLAT-IF2	35,703	$0.0002	1.0	$5	$5
24	XLAT-SUN	1,534	$0.0002	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	0.0	$0	$0
30	BLANK	0	$0.000	0.0	$0	$0
31	BLANK	0	$0.000	0.0	$0	$0
32	BLANK	0	$0.000	0.0	$0	$0
33	BLANK	0	$0.000	0.0	$0	$0
34	BLANK	0	$0.000	0.0	$0	$0
35	BLANK	0	$0.000	0.0	$0	$0
36	BLANK	0	$0.000	0.0	$0	$0
37	BLANK	0	$0.000	0.0	$0	$0
38	BLANK	0	$0.000	0.0	$0	$0
39	BLANK	0	$0.000	0.0	$0	$0
40	BLANK	0	$0.000	0.0	$0	$0
		18,840,514			430,330	430,330

Year 3
ANNUAL SUMMARY

Total Transport Cost
$430,330
Total Resource Cost
$197,816,039
Total IRP Costs
$198,246,369
PV $s
180,223,972

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year 4				12 Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	1.0	1.0	1.0	1.0	0.8	0.6	0.5	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	0.9	0.8	1.0	1.0	0.4	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	PGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.8	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	1.0	0.3	0.3	1.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.3	1.0	1.0	0.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
47	FGP-Stan	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year 4																		
50 # of resources		Area		mmbtu		Capacity in MMBTU/day by Period												
Resource		Delivered		per day	Strg	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	58,289	31,767	1,985	0	0	0	0	0	0	0	0	0	92,041
14	ST-3	Stanfield	2	15,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	ST-4	Stanfield	2	22,500	1	22,500	22,500	22,500	22,500	18,312	13,890	11,250	0	0	0	0	0	133,452
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	18,017	0	0	0	0	0	0	0	0	234,017
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	45,583	40,170	48,321	48,321	17,396	0	0	0	393,074
18	FGP-SU1	Sumas	1	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	78,000
19	PGP-SU	Sumas	1	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	9,528	0	0	9,528
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	11,380	0	0	0	41,380
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	15,000	0	0	0	45,000
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	20,000	6,071	6,071	20,000	6,071	6,071	0	0	0	0	0	0	64,285
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	0	0	0	0	12,142
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	5,500	19,429	19,428	5,500	19,429	19,429	0	0	0	0	0	0	88,715
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	10,580	1,574	0	0	0	0	12,155
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	60,083	0	60,083	60,083	60,083	60,083	60,083	60,083	60,083	60,083	60,083	60,083	60,083	60,083	720,995
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	FGP-NIT	NIT	5	5,000	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000
47	FGP-Stan	Stanfield	2	5,000	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	0	0	45,000
48	FGP-CG	Citygate	6	10,000	0	10,000	10,000	10,000	0	0	0	0	0	0	0	0	0	30,000
49	FGP-SU2	Sumas	1	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	471,892	445,370	415,587	349,620	324,676	314,842	301,504	281,248	234,052	180,958	171,430	171,430	3,662,611

9	10	11	12	mmbtu per day	Strg	Capacity in MMBTU/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	60,000		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	20,466	10,937	10,937	217,277
Stanfield			2	214,500		136,705	136,705	136,705	82,722	60,517	56,095	48,455	37,205	33,585	17,205	17,205	17,205	780,306
N. Green			3	63,500		46,955	33,026	33,026	46,955	33,026	33,026	33,026	33,026	26,955	18,455	18,455	18,455	374,385
S. Green			4	118,321		63,821	77,750	77,749	63,821	75,011	69,599	68,901	59,895	27,396	32,000	32,000	32,000	679,943
NIT			5	69,352		49,352	49,352	49,352	49,352	49,352	49,352	44,352	44,352	39,347	20,500	20,500	20,500	485,663
IMG			6	25,000		97,333	97,333	97,333	87,333	87,333	87,333	87,333	87,333	87,333	72,333	72,333	72,333	1,032,995
Boise			7	60,000	301,946	58,289	31,767	1,985	-	-	-	-	-	-	-	-	-	92,041
Canyon			8	0	67,523	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	86,250	-	-	-	-	-	-	-	-	-	-	-	-	0
Sun Valley			10	200	16,173	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	471,892	471,892	445,370	415,587	349,620	324,676	314,842	301,504	281,248	234,052	180,958	171,430	171,430	3,662,611

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
361	1	Sumas	**0**	0	19,437	19,437	19,437	-
362	2	Stanfield	**0**	49,352	136,705	186,057	186,057	-
363	3	N. Green	**0**	0	46,955	46,955	46,955	-
364	4	S. Green	**0**	0	63,821	63,821	63,821	-
365	5	NIT	**0**	0	49,352	49,352	49,352	-
366	6	IMG	**0**	316,270	97,333	413,603	413,603	-
367	7	Boise	**301,946**	243,657	58,289	301,946	-	301,946
368	8	Canyon	**67,523**	67,523	-	67,523	-	67,523
369	9	Idaho Falls	**86,250**	86,250	-	86,250	-	86,250
370	10	Sun Valley	**16,173**	16,173	-	16,173	-	16,173
		Totals	471,892	779,225	471,892	#########	779,225	471,892

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	58,289	31,767	1,985	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design High Growth
April 2004

Year 4			Flow Capacity in MMBU Per Period / Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	58,289	31,767	3,970	0	0	0	0	0	0	0	0	0	94,026
14	ST-3	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
15	ST-4	Stanfield	22,500	22,500	45,000	112,500	146,496	194,456	348,750	0	0	0	0	0	892,202
16	ST-5	Stanfield	72,000	72,000	144,000	90,085	0	0	0	0	0	0	0	0	378,085
17	EST-6	S. Green	48,321	48,321	96,642	241,605	364,661	562,386	1,497,948	1,352,985	1,061,127	0	0	0	5,273,996
18	FGP-SU1	Sumas	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	396,500	396,500	598,000	2,372,500
19	PGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	581,232	0	0	581,232
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	694,194	0	0	0	1,579,194
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	915,000	0	0	0	1,800,000
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	20,000	6,071	12,142	100,000	48,570	84,997	0	0	0	0	0	0	271,780
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	0	0	0	0	358,200
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	5,500	19,429	38,857	27,501	155,429	271,999	0	0	0	0	0	0	518,715
33	WGP-SG	S. Green	0	0	0	0	0	0	327,987	44,084	0	0	0	0	372,071
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	60,083	60,083	120,166	300,415	480,663	841,161	1,862,571	1,682,322	3,665,059	3,665,059	3,665,059	5,527,630	21,930,271
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
46	FGP-NIT	NIT	5,000	5,000	10,000	25,000	40,000	70,000	155,000	140,000	305,000	305,000	305,000	460,000	1,825,000
47	FGP-Stan	Stanfield	5,000	5,000	10,000	25,000	40,000	70,000	155,000	140,000	305,000	0	0	0	755,000
48	FGP-CG	Citygate	10,000	10,000	20,000	0	0	0	0	0	0	0	0	0	40,000
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			369,462	342,940	626,315	1,285,950	1,857,971	3,113,767	6,481,304	5,286,919	8,638,976	5,705,232	5,124,000	7,728,000	46,560,835

RP

ı Volumes
gh Growth

4		Flow Capacity in MMBU Per Period / Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	19,437	19,437	38,875	97,187	155,499	272,124	602,560	544,248	1,185,682	1,248,414	667,182	1,006,242	5,856,889
2	Stanfield	136,705	136,705	273,410	413,609	484,134	785,323	1,502,098	1,041,734	2,048,685	1,049,491	1,049,491	1,582,839	10,504,224
3	N. Green	46,955	33,026	66,052	234,774	264,208	462,364	1,023,806	924,728	1,644,243	1,125,743	1,125,743	1,697,842	8,649,485
4	S. Green	63,821	77,750	155,499	319,105	600,090	974,385	2,135,935	1,677,070	1,671,127	1,952,000	1,952,000	2,944,000	14,522,782
5	NIT	49,352	49,352	98,704	246,760	394,816	690,928	1,374,912	1,241,856	2,400,154	1,250,500	1,250,500	1,886,000	10,933,834
6	IMG	97,333	97,333	194,666	436,665	698,663	1,222,661	2,707,321	2,445,322	5,327,309	4,412,309	4,412,309	6,654,630	28,706,521
7	Boise	58,289	31,767	3,970	0	0	0	0	0	0	0	0	0	94,026
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		471,892	445,370	831,175	1,748,100	2,597,411	4,407,786	9,346,632	7,874,957	14,277,202	11,038,458	10,457,226	15,771,554	79,267,762

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design High Growth
April 2004

Year 4			12 Number of Periods											
50	# of resource	Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design High Growth
April 2004

Year 4					Injections including in MMBTU per period														
50 # of resource		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	mmbtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	0	1,200,747	1,340,588	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	94,026	94,026	$ 62,997	94,026
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	892,202	892,202	$ -	892,202
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	15,702	362,383	378,085	$ 211,879	378,085
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	########	1,329,403	2,944,000	5,273,996	$ 130,795	5,273,996
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	4		Annual Volume mmbtu	Variable Cost Summary by Resource: Total Annual $/mmbtu	Injection Cost	Variable Cost	Total Variable Cost
50	# of resources						
Resource							
1	EGP-SU-1		1,283,500	$4.67	$0	5,989,767	5,989,767
2	EGP-AL-1		1,095,000	$3.93	$0	4,303,013	4,303,013
3	EGP-AL-2		912,500	$4.13	$0	3,769,256	3,769,256
4	EGP-ST-1		1,510,000	$4.67	$0	7,046,785	7,046,785
5	EGP-NG-1		981,500	$4.32	$0	4,236,885	4,236,885
6	EGP-NG-2		1,812,000	$4.32	$0	7,821,942	7,821,942
7	EGP-SG-1		3,210,000	$3.88	$0	12,458,085	12,458,085
8	EGP-SG-2		2,555,000	$4.05	$0	10,351,023	10,351,023
9	EGP-SG-3		453,000	$4.32	$0	1,955,486	1,955,486
10	EGP-CG-1		2,265,000	$4.73	$0	10,706,078	10,706,078
11	EGP-CG-2		3,650,000	$3.92	$0	14,306,875	14,306,875
12	ST-1		2,541,334	$3.83	$63,533	9,657,071	9,720,604
13	ST-2		94,026	$4.96	$62,997	402,995	465,993
14	ST-3		0	$0.00	$0	0	0
15	ST-4		892,202	$3.91	$0	3,489,402	3,489,402
16	ST-5		378,085	$4.85	$211,879	1,620,472	1,832,350
17	EST-6		5,273,996	$4.02	$130,795	21,082,247	21,213,042
18	FGP-SU1		2,372,500	$4.22	$0	10,020,611	10,020,611
19	PGP-SU		0	$0.00	$0	0	0
20	WGP-SU		0	$0.00	$0	0	0
21	SGP-SU		581,232	$3.91	$0	2,270,290	2,270,290
22	FGP-ST		0	$0.00	$0	0	0
23	PGP-ST		620,000	$4.44	$0	2,750,320	2,750,320
24	WGP-ST		1,579,194	$4.23	$0	6,687,680	6,687,680
25	SGP-ST		2,140,000	$3.82	$0	8,179,990	8,179,990
26	PGP-AL		620,000	$4.37	$0	2,706,920	2,706,920
27	WGP-AL		1,800,000	$4.16	$0	7,494,038	7,494,038
28	SGP-AL		2,140,000	$3.76	$0	8,051,590	8,051,590
29	PGP-NG		271,780	$4.53	$0	1,230,075	1,230,075
30	WGP-NG		358,200	$4.40	$0	1,575,544	1,575,544
31	SGP-NG		2,140,000	$3.88	$0	8,305,390	8,305,390
32	PGP-SG		518,715	$4.53	$0	2,347,702	2,347,702
33	WGP-SG		372,071	$4.40	$0	1,636,555	1,636,555
34	SGP-SG		2,140,000	$3.88	$0	8,305,390	8,305,390
35	PA-IF		0	$0.00	$0	0	0
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		21,930,271	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		0	$0.00	$0	0	0
46	FGP-NIT		1,825,000	$3.94	$0	7,189,938	7,189,938
47	FGP-Stan		755,000	$4.19	$0	3,160,993	3,160,993
48	FGP-CG		40,000	$4.39	$0	175,440	175,440
49	FGP-SU2		0	$0.00	$0	0	0
50	BLANK		0	$0.00	$0	0	0
			79,267,762	$2.55	$469,205	$201,285,847	$201,755,052

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	4	Annual Volume mmbtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$40,766	$40,766	$81,532	$203,830	$326,128	$570,724	$1,243,325	$1,123,003	$2,359,694	$0	$0	$0
2 EGP-AL-1		1,095,000	$12,888	$12,888	$25,776	$64,440	$103,104	$180,432	$392,321	$354,354	$741,333	$688,263	$689,178	$1,038,036
3 EGP-AL-2		912,500	$11,243	$11,243	$22,485	$56,213	$89,940	$157,395	$342,511	$309,365	$648,430	$604,205	$604,968	$911,260
4 EGP-ST-1		1,510,000	$47,960	$47,960	$95,920	$239,800	$383,680	$671,440	$1,462,735	$1,321,180	$2,776,110	$0	$0	$0
5 EGP-NG-1		981,500	$28,899	$28,899	$57,798	$144,495	$231,192	$404,586	$880,253	$795,067	$1,665,697	$0	$0	$0
6 EGP-NG-2		1,812,000	$53,352	$53,352	$106,704	$266,760	$426,816	$746,928	$1,625,082	$1,467,816	$3,075,132	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,523,665	$3,564,840	$5,369,580
8 EGP-SG-2		2,555,000	$31,052	$31,052	$62,104	$155,260	$248,416	$434,728	$945,795	$854,266	$1,789,557	$1,640,107	$1,659,322	$2,499,364
9 EGP-SG-3		453,000	$13,338	$13,338	$26,676	$66,690	$106,704	$186,732	$406,271	$366,954	$768,783	$0	$0	$0
10 EGP-CG-1		2,265,000	$72,840	$72,840	$145,680	$364,200	$582,720	$1,019,760	$2,222,003	$2,006,970	$4,219,065	$0	$0	$0
11 EGP-CG-2		3,650,000	$42,860	$42,860	$85,720	$214,300	$342,880	$600,040	$1,304,635	$1,178,380	$2,465,010	$2,288,110	$2,291,160	$3,450,920
12 ST-1		2,541,334	$71,638	$71,638	$143,275	$358,188	$573,101	$1,002,926	$2,220,766	$2,005,853	$3,209,687	$0	$0	$0
13 ST-2		94,026	$249,827	$136,153	$17,015	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
15 ST-4		892,202	$87,998	$87,998	$175,995	$439,988	$572,944	$760,519	$1,363,961	$0	$0	$0	$0	$0
16 ST-5		378,085	$308,592	$308,592	$617,184	$386,104	$0	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,273,996	$194,008	$194,008	$388,017	$970,042	$1,464,115	$2,257,980	$6,014,262	$5,432,237	$4,167,577	$0	$0	$0
18 FGP-SU1		2,372,500	$31,174	$31,174	$62,348	$155,870	$249,392	$436,436	$950,778	$858,767	$1,804,472	$1,548,729	$1,552,694	$2,338,778
19 PGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20 WGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
21 SGP-SU		581,232	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,270,290	$0	$0
22 FGP-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23 PGP-ST		620,000	$88,720	$88,720	$177,440	$443,600	$709,760	$1,242,080	$0	$0	$0	$0	$0	$0
24 WGP-ST		1,579,194	$0	$0	$0	$0	$0	$0	$2,003,453	$1,809,570	$2,874,658	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,330,810	$2,333,860	$3,515,320
26 PGP-AL		620,000	$87,320	$87,320	$174,640	$436,600	$698,560	$1,222,480	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,800,000	$0	$0	$0	$0	$0	$0	$1,975,553	$1,784,370	$3,734,115	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,294,210	$2,297,260	$3,460,120
29 PGP-NG		271,780	$90,520	$27,478	$54,956	$452,600	$219,826	$384,695	$0	$0	$0	$0	$0	$0
30 WGP-NG		358,200	$0	$0	$0	$0	$0	$0	$827,828	$747,716	$0	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,349,110	$2,376,560	$3,579,720
32 PGP-SG		518,715	$24,894	$87,934	$175,866	$124,468	$703,471	$1,231,069	$0	$0	$0	$0	$0	$0
33 WGP-SG		372,071	$0	$0	$0	$0	$0	$0	$1,442,651	$193,904	$0	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,349,110	$2,376,560	$3,579,720
35 PA-IF		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		21,930,271	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		1,825,000	$21,530	$21,530	$43,060	$107,650	$172,240	$301,420	$655,418	$591,990	$1,238,605	$1,150,155	$1,151,680	$1,734,660
47 FGP-Stan		755,000	$21,580	$21,580	$43,160	$107,900	$172,640	$302,120	$656,968	$593,390	$1,241,655	$0	$0	$0
48 FGP-CG		40,000	$43,860	$43,860	$87,720	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		79,267,762												

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

4	Year															
12	Number of periods				12 Number of Periods											
40	Number of Resources				Transport Utilization Rate											
Resource		From	To		1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3
2	ENWP-ST	Stanfield	IMG		1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.4	0.2	0.1
3	ENWP-NG	N. Green	IMG		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.3	0.2	0.0
5	EPGT-AN	NIT	Stanfield		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.0	0.2
6	EPGT-WI	NIT	Stanfield		0.8	0.8	0.8	0.8	0.8	0.8	0.6	0.6	1.0	0.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG		1.0	1.0	1.0	1.0	0.8	0.6	0.5	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG		1.0	1.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise		0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon		1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.4	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls		1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.7	0.5	0.5	0.4
14	ELAT-SUN	IMG	Sun Valley		1.0	1.0	1.0	0.8	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG		0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG		0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG		0.1	0.3	0.3	0.1	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon		0.8	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls		0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls		1.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley		0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

4	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Transport Capability mmbtu/day	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
						1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG	41,146	1	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	20,466	10,937	10,937	602,560
2	ENWP-ST	Stanfield	IMG	86,800	2	86,800	86,800	86,800	86,800	86,800	86,800	68,357	81,557	72,932	37,705	17,763	9,496	2,690,800
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	26,955	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	59,895	27,396	15,597	10,207	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	18,661	20,500	816	5,928	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	17,194	17,194	17,194	17,194	17,194	17,194	12,194	12,194	20,686	0	0	0	533,014
7	ENWP-JP	Stanfield	IMG	15,000	2	0	0	0	0	0	0	13,200	0	0	0	0	0	0
8	ENWP-JP2	Stanfield	IMG	22,500	2	22,500	22,500	22,500	22,500	18,312	13,890	11,250	0	0	0	0	0	543,452
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	18,017	0	0	0	0	0	0	0	0	378,085
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	243,657	252,145	262,453	221,303	204,990	198,543	189,665	176,423	145,566	100,118	77,319	65,590	6,546,752
12	ELAT-CAN	IMG	Canyon	59,500	7	59,500	59,500	59,500	50,590	46,811	45,340	43,403	40,355	33,227	22,737	17,479	14,526	1,500,205
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	66,830	69,000	66,437	62,567	61,037	59,024	55,859	48,512	37,702	32,281	29,259	1,961,070
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,400	13,896	11,290	10,308	9,921	9,412	8,612	6,748	3,998	2,616	0	334,398
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	4,757	4,757	4,757	4,757	4,757	4,757	0	0	0	0	0	0	147,460
17	FNWP-NG	N. Green	IMG	50,000	3	13,929	0	0	13,929	0	0	0	0	0	0	0	0	83,573
18	FNWP-SG	S. Green	IMG	50,000	4	3,463	17,392	17,391	3,463	14,653	9,241	8,543	0	0	0	0	0	319,552
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	8,023	5,556	1,056	0	0	0	0	0	0	0	0	0	15,692
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	2,750	0	0	0	0	0	0	0	0	0	0	0	2,750
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	14,500	14,500	7,698	0	0	0	0	0	0	0	0	0	44,396
24	XLAT-SUN	IMG	Sun Valley	2,000	9	1,773	672	0	0	0	0	0	0	0	0	0	1,847	2,445
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						779,225	779,225	779,224	661,259	611,372	591,703	560,028	519,516	420,119	277,277	187,872	156,039	

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

4	Year	
12	Number of periods	
40	Number of Resources	

Resource	From	To	5	6	7	8	9	10	11	12
1	EMWP CH	Sumas	IMG							

Transport Utilization Rate

	Area/Node From		Area/Node To				Transport Capability	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
							mmbtu/day		1	2	3	4	5	6	7	8	9	10	11	12	
								Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #		**ARC #**	**Max**	**Demand**	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6		**1**	91,146		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	20,466	10,937	10,937	
2	Stanfield	2	IMG	6		**2**	246,300		186,057	186,057	186,057	132,074	109,869	105,447	92,807	81,557	72,932	37,705	17,763	9,496	
3	N. Green	3	IMG	6		**3**	83,026		46,955	33,026	33,026	46,955	33,026	33,026	33,026	33,026	26,955	18,455	18,455	18,455	
4	S. Green	4	IMG	6		**4**	110,358		63,821	77,750	77,749	63,821	75,011	69,599	68,901	59,895	27,396	15,597	10,207	0	
5	NIT	5	Stanfield	2		**5**	62,844		49,352	49,352	49,352	49,352	49,352	49,352	44,352	44,352	39,347	20,500	816	5,928	
6	IMG	6	Boise	7		**6**	875,500	301,946	243,657	252,145	262,453	221,303	204,990	198,543	189,665	176,423	145,566	100,118	77,319	65,590	
7	IMG	6	Canyon	8		**7**	119,500	67,523	67,523	65,056	60,556	50,590	46,811	45,340	43,403	40,355	33,227	22,737	17,479	14,526	
8	IMG	6	Idaho Fa	9		**8**	137,000	86,250	86,250	81,330	76,698	66,437	62,567	61,037	59,024	55,859	48,512	37,702	32,281	29,259	
9	IMG	6	Sun Valle	10		9	66,400	16,173	16,173	15,072	13,896	11,290	10,308	9,921	9,412	8,612	6,748	3,998	2,616	1,847	
Transport Lateral + Storage = Peak Demand								471,892	779,225	779,225	779,224	661,259	611,372	591,703	560,028	519,516	420,119	277,277	187,872	156,039	

Storage @	Boise								58,289	31,767	1,985	-	-	-	-	-	-	-	-	-	
Storage @	Canyon								-	-	-	-	-	-	-	-	-	-	-	-	
Storage @	Idaho Falls								-	-	-	-	-	-	-	-	-	-	-	-	
Storage @	Sun Valley								-	-	-	-	-	-	-	-	-	-	-	-	
Total @	Boise							**301,946**	**301,946**	**283,912**	**264,438**	**221,303**	**204,990**	**198,543**	**189,665**	**176,423**	**145,566**	**100,118**	**77,319**	**65,590**	
Total @	Canyon							**67,523**	**67,523**	**65,056**	**60,556**	**50,590**	**46,811**	**45,340**	**43,403**	**40,355**	**33,227**	**22,737**	**17,479**	**14,526**	
Total @	Idaho Falls							**86,250**	**86,250**	**81,330**	**76,698**	**66,437**	**62,567**	**61,037**	**59,024**	**55,859**	**48,512**	**37,702**	**32,281**	**29,259**	
Total @	Sun Valley							**16,173**	**16,173**	**15,072**	**13,896**	**11,290**	**10,308**	**9,921**	**9,412**	**8,612**	**6,748**	**3,998**	**2,616**	**1,847**	
								471,892	471,892	445,370	415,587	349,620	324,676	314,842	301,504	281,248	234,052	164,555	129,695	111,222	

Transport & Supply Balane

From Above	To IMG	Transport	316,270	316,270	316,270	262,287	237,343	227,509	214,171	193,916	146,720	92,222	57,362	38,889	
From Above	To Laterals	Transport	413,603	413,603	413,602	349,620	324,676	314,842	301,504	281,248	234,052	164,555	129,695	111,222	
From Utilization	Storage		58,289	31,767	1,985	-	-	-	-	-	-	-	-	-	
From Above	Total Strg & Transport		**471,892**	**445,370**	**415,587**	**349,620**	**324,676**	**314,842**	**301,504**	**281,248**	**234,052**	**164,555**	**129,695**	**111,222**	
From Gas Utilization	Gas Supply	Supply	**471,892**	**445,370**	**415,587**	349,620	324,676	314,842	301,504	281,248	234,052	180,958	171,430	171,430	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	389,462	362,940	333,158	267,190	242,246	232,412	219,074	198,819	151,623	98,528	89,000	89,000	
No Cost Gas @ IMG	T-3 & T-4	Supply	62,333	62,333	62,333	62,333	62,333	62,333	62,333	62,333	62,333	62,333	62,333	62,333	
From LDC	Dist	Demand	**471,892**	**445,370**	**837,418**	**1,760,989**	**2,616,390**	**4,439,851**	**9,413,977**	**7,931,105**	**14,375,800**	**10,101,488**	**7,957,438**	**10,193,050**	
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Supp	471,892	445,370	831,175	1,748,100	2,597,411	4,407,786	9,346,632	7,874,957	14,277,202	11,038,458	10,457,226	15,771,554	79,267,762
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Supp	389,462	362,940	666,315	1,335,950	1,937,971	3,253,767	6,791,304	5,566,919	9,248,976	6,010,232	5,429,000	8,188,000	49,180,835
No Cost Gas @ IMG	T-3 & T-4	Volume Supp	62,333	62,333	124,666	311,665	498,663	872,661	1,932,321	1,745,322	3,802,309	3,802,309	3,802,309	5,734,630	22,751,521
From LDC		Demand	471,892	445,370	1,674,836	8,804,943	20,931,120	62,157,908	291,833,282	222,070,938	876,923,803	616,190,781	485,403,704	937,760,622	3,524,669,200
Storage Injections			0	0	-843,661	-7,056,844	##########	##########	-282,486,650	-214,195,981	-862,646,601	-605,152,323	-474,946,478	-921,989,068	-3,445,401,438

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

4	Year		
12	Number of periods		
40	Number of Resources		
Resource		From	To
1	ENWP-SU	Sumas	IMG
2	ENWP-ST	Stanfield	IMG
3	ENWP-NG	N. Green	IMG
4	ENWP-SG	S. Green	IMG
5	EPGT-AN	NIT	Stanfield
6	EPGT-WI	NIT	Stanfield
7	ENWP-JP	Stanfield	IMG
8	ENWP-JP2	Stanfield	IMG
9	ENWP-LS	Stanfield	IMG
10	EIMG-PO	IMG	Boise
11	ELAT-BOI	IMG	Boise
12	ELAT-CAN	IMG	Canyon
13	ELAT-CAN	IMG	Idaho Falls
14	ELAT-SUN	IMG	Sun Valley
15	FNWP-SU	Sumas	IMG
16	FNWP-ST	Stanfield	IMG
17	FNWP-NG	N. Green	IMG
18	FNWP-SG	S. Green	IMG
19	FPGT-AN	NIT	Stanfield
20	XLAT-CAN	IMG	Canyon
21	XLAT-CAN2	IMG	Canyon
22	XLAT-IF1	IMG	Idaho Falls
23	XLAT-IF2	IMG	Idaho Falls
24	XLAT-SUN	IMG	Sun Valley
25	FLAT-BOI	IMG	Boise
26	FLAT-CAN	IMG	Canyon
27	FLAT-IF	IMG	Idaho Falls
28	FLAT-SUN	IMG	Sun Valley
29	BLANK	0	0
30	BLANK	0	0
31	BLANK	0	0
32	BLANK	0	0
33	BLANK	0	0
34	BLANK	0	0
35	BLANK	0	0
36	BLANK	0	0
37	BLANK	0	0
38	BLANK	0	0
39	BLANK	0	0
40	BLANK	0	0

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design High Growth
April 2004

4 Year Resource		Annual Volume mmbtu	Transport Variable Cost $/mmbtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	602,560	$0.036	1.1	$23,084	$23,084
2	ENWP-ST	2,690,800	$0.036	1.1	$103,083	$103,083
3	ENWP-NG	1,023,806	$0.036	1.1	$39,222	$39,222
4	ENWP-SG	1,871,098	$0.036	1.1	$71,681	$71,681
5	EPGT-AN	996,898	$0.010	1.1	$10,632	$10,632
6	EPGT-WI	533,014	$0.010	1.1	$5,685	$5,685
7	ENWP-JP	0	$0.030	1.1	$0	$0
8	ENWP-JP2	543,452	$0.030	1.1	$17,301	$17,301
9	ENWP-LS	378,085	$0.030	1.1	$12,037	$12,037
10	EIMG-PO	0	$0.0001	1.0	$0	$0
11	ELAT-BOI	6,546,752	$0.0001	1.0	$655	$655
12	ELAT-CAN	1,500,205	$0.0001	1.0	$150	$150
13	ELAT-CAN	1,961,070	$0.0001	1.0	$196	$196
14	ELAT-SUN	334,398	$0.0001	1.1	$35	$35
15	FNWP-SU	0	$0.300	1.1	$0	$0
16	FNWP-ST	147,460	$0.300	1.0	$44,238	$44,238
17	FNWP-NG	83,573	$0.300	1.0	$25,072	$25,072
18	FNWP-SG	319,552	$0.300	1.0	$95,866	$95,866
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000150	1.0	$0	$0
21	XLAT-CAN2	15,692	$0.0002	1.1	$2	$2
22	XLAT-IF1	2,750	$0.0002	1.1	$0	$0
23	XLAT-IF2	44,396	$0.0002	1.0	$7	$7
24	XLAT-SUN	2,445	$0.0002	1.1	$0	$0
25	FLAT-BOI	0	$10.000	1.1	$0	$0
26	FLAT-CAN	0	$10.000	1.1	$0	$0
27	FLAT-IF	0	$10.000	1.1	$0	$0
28	FLAT-SUN	0	$10.000	1.1	$0	$0
29	BLANK	0	$0.000	0.0	$0	$0
30	BLANK	0	$0.000	0.0	$0	$0
31	BLANK	0	$0.000	0.0	$0	$0
32	BLANK	0	$0.000	0.0	$0	$0
33	BLANK	0	$0.000	0.0	$0	$0
34	BLANK	0	$0.000	0.0	$0	$0
35	BLANK	0	$0.000	0.0	$0	$0
36	BLANK	0	$0.000	0.0	$0	$0
37	BLANK	0	$0.000	0.0	$0	$0
38	BLANK	0	$0.000	0.0	$0	$0
39	BLANK	0	$0.000	0.0	$0	$0
40	BLANK	0	$0.000	0.0	$0	$0
		19,598,005			448,947	448,947

Year 4
ANNUAL SUMMARY

Total Transport Cost
$448,947
Total Resource Cost
$201,755,052
Total IRP Costs
$202,203,999
PV $s
183,821,817

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year 5				12 Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	1.0	1.0	1.0	1.0	0.8	0.4	0.6	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	0.4	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	PGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	1.0	1.0	1.0	1.0	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.7	0.8	0.8	0.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.1	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
47	FGP-Stan	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.2
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design High Growth
April 2004

Year	5																		
50	# of resources		Area		mmbtu		Capacity in MMBTU/day by Period												
	Resource		Delivered		per day	Strg	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1		Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1		NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2		NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1		Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1		N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2		N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1		S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2		S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3		S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1		IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2		IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1		NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2		Boise	7	60,000	1	57,939	32,717	2,135	0	0	0	0	0	0	0	0	0	92,791
14	ST-3		Stanfield	2	15,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	ST-4		Stanfield	2	22,500	1	22,500	22,500	22,500	22,500	18,215	7,897	13,589	0	0	0	0	0	129,701
16	ST-5		Stanfield	2	72,000	1	72,000	72,000	72,000	16,397	0	0	0	0	0	0	0	0	232,397
17	EST-6		S. Green	4	48,321	1	48,321	48,321	48,321	48,321	43,390	43,609	48,321	48,321	17,396	0	0	0	394,320
18	FGP-SU1		Sumas	1	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	78,000
19	PGP-SU		Sumas	1	20,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU		Sumas	1	15,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU		Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	0	0	10,000
22	FGP-ST		Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST		Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST		Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	15,000	0	0	0	45,000
25	SGP-ST		Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL		NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL		NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	15,000	0	0	0	45,000
28	SGP-AL		NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG		N. Green	3	20,000	0	20,000	20,000	20,000	20,000	15,000	20,000	0	0	0	0	0	0	115,000
30	WGP-NG		N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	0	0	0	0	12,142
31	SGP-NG		N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG		S. Green	4	20,000	0	15,000	15,000	15,000	15,000	20,000	15,000	0	0	0	0	0	0	95,000
33	WGP-SG		S. Green	4	15,000	0	0	0	0	0	0	0	14,831	7,620	1,159	0	0	0	23,609
34	SGP-SG		S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF		Idaho Falls	9	3,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG		Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU		Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST		Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG		S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG		IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG		IMG	6	61,645	0	61,645	61,645	61,645	61,645	61,645	61,645	61,645	61,645	61,645	61,645	61,645	61,645	739,741
42	FGP-IMG		IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3		IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell		IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO		Idaho Falls	9	4,700	0	2,008	0	0	0	0	0	0	0	0	0	0	0	2,008
46	FGP-NIT		NIT	5	5,000	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	60,000
47	FGP-Stan		Stanfield	2	5,000	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	0	0	0	45,000
48	FGP-CG		Citygate	6	10,000	0	10,000	10,000	10,000	0	0	0	0	0	0	0	0	0	30,000
49	FGP-SU2		Sumas	1	5,000	0	0	0	0	0	0	0	0	0	0	5,000	0	1,190	6,190
50	BLANK		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						Totals	484,612	457,382	426,800	359,062	333,449	323,350	309,656	288,856	240,393	187,992	172,992	174,182	3,758,726

9	10	11	12	mmbtu per day	Strg	Capacity in MMBTU/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	60,000		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	25,937	10,937	12,128	223,939
Stanfield			2	214,500		136,705	136,705	136,705	81,102	60,420	50,102	50,794	37,205	37,205	17,205	17,205	17,205	778,555
N. Green			3	63,500		46,955	46,955	46,955	46,955	41,954	46,955	33,026	33,026	26,955	18,455	18,455	18,455	425,100
S. Green			4	118,321		73,321	73,321	73,321	73,321	73,390	68,609	73,151	65,941	28,554	32,000	32,000	32,000	698,929
NIT			5	69,352		49,352	49,352	49,352	49,352	49,352	49,352	44,352	44,352	39,347	20,500	20,500	20,500	485,663
IMG			6	25,000		98,895	98,895	98,895	88,895	88,895	88,895	88,895	88,895	88,895	73,895	73,895	73,895	1,051,741
Boise			7	60,000	309,250	57,939	32,717	2,135	-	-	-	-	-	-	-	-	-	92,791
Canyon			8	0	69,652	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	89,008	2,008	-	-	-	-	-	-	-	-	-	-	-	2,008
Sun Valley			10	200	16,701	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	484,612	484,612	457,382	426,800	359,062	333,449	323,350	309,656	288,856	240,393	187,992	172,992	174,182	3,758,726

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	Net at **Node**
481	1	Sumas	**0**	0	19,437	19,437	19,437	-
482	2	Stanfield	**0**	49,352	136,705	186,057	186,057	-
483	3	N. Green	**0**	0	46,955	46,955	46,955	-
484	4	S. Green	**0**	0	73,321	73,321	73,321	-
485	5	NIT	**0**	0	49,352	49,352	49,352	-
486	6	IMG	**0**	325,770	98,895	424,665	424,665	-
487	7	Boise	**309,250**	251,311	57,939	309,250	-	309,250
488	8	Canyon	**69,652**	69,652	-	69,652	-	69,652
489	9	Idaho Falls	**89,008**	87,000	2,008	89,008	-	89,008
490	10	Sun Valley	**16,701**	16,701	-	16,701	-	16,701
		Totals	484,612	799,786	484,612	#######	799,786	484,612

Storage by Period

Boise	Storage	57,939	32,717	2,135	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	2,008	-	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design High Growth
April 2004

Year	5		Flow Capacity in MMBU Per Period / Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	57,939	32,717	4,270	0	0	0	0	0	0	0	0	0	94,926
14	ST-3	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
15	ST-4	Stanfield	22,500	22,500	45,000	112,500	145,720	110,558	421,259	0	0	0	0	0	880,037
16	ST-5	Stanfield	72,000	72,000	144,000	81,985	0	0	0	0	0	0	0	0	369,985
17	EST-6	S. Green	48,321	48,321	96,642	241,605	347,119	610,523	1,497,948	1,352,985	1,061,127	0	0	0	5,304,592
18	FGP-SU1	Sumas	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	396,500	396,500	598,000	2,372,500
19	PGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WGP-SU	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	0	0	610,000
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	915,000	0	0	0	1,800,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	915,000	0	0	0	1,800,000
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	20,000	20,000	40,000	100,000	119,997	280,000	0	0	0	0	0	0	579,997
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	0	0	0	0	358,200
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	15,000	15,000	30,000	74,999	160,000	210,004	0	0	0	0	0	0	505,004
33	WGP-SG	S. Green	0	0	0	0	0	0	459,748	213,360	70,684	0	0	0	743,792
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	61,645	61,645	123,290	308,225	493,161	863,031	1,910,998	1,726,063	3,760,351	3,760,351	3,760,351	5,671,348	22,500,458
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	2,008	0	0	0	0	0	0	0	0	0	0	0	2,008
46	FGP-NIT	NIT	5,000	5,000	10,000	25,000	40,000	70,000	155,000	140,000	305,000	305,000	305,000	460,000	1,825,000
47	FGP-Stan	Stanfield	5,000	5,000	10,000	25,000	40,000	70,000	155,000	140,000	305,000	0	0	0	755,000
48	FGP-CG	Citygate	10,000	10,000	20,000	0	0	0	0	0	0	0	0	0	40,000
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	305,000	0	109,491	414,491
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			378,612	353,390	645,616	1,325,349	1,915,652	3,211,013	6,685,574	5,456,194	8,930,466	5,734,000	5,124,000	7,728,000	47,487,866

RP

Volumes
gh Growth

5		Flow Capacity in MMBU Per Period / Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	19,437	19,437	38,875	97,187	155,499	272,124	602,560	544,248	1,185,682	1,582,182	667,182	1,115,733	6,300,148
2	Stanfield	136,705	136,705	273,410	405,509	483,358	701,425	1,574,607	1,041,734	2,269,491	1,049,491	1,049,491	1,582,839	10,704,765
3	N. Green	46,955	46,955	93,910	234,774	335,635	657,367	1,023,806	924,728	1,644,243	1,125,743	1,125,743	1,697,842	8,957,702
4	S. Green	73,321	73,321	146,642	366,604	587,119	960,527	2,267,696	1,846,345	1,741,812	1,952,000	1,952,000	2,944,000	14,911,387
5	NIT	49,352	49,352	98,704	246,760	394,816	690,928	1,374,912	1,241,856	2,400,154	1,250,500	1,250,500	1,886,000	10,933,834
6	IMG	98,895	98,895	197,790	444,475	711,161	1,244,531	2,755,748	2,489,063	5,422,601	4,507,601	4,507,601	6,798,348	29,276,708
7	Boise	57,939	32,717	4,270	0	0	0	0	0	0	0	0	0	94,926
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	2,008	0	0	0	0	0	0	0	0	0	0	0	2,008
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		482,604	457,382	853,600	1,795,309	2,667,589	4,526,903	9,599,329	8,087,973	14,663,984	11,467,518	10,552,518	16,024,763	81,179,471

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

5	Year														
12	Number of periods			12 Number of Periods											
40	Number of Resources			Transport Utilization Rate											
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.3	0.3
2	ENWP-ST	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0.9	0.4	0.3	0.1
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.2	0.1	0.1
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.6	0.0	0.3	0.0
6	EPGT-WI	NIT	Stanfield	0.8	0.8	0.8	0.8	0.8	1.0	0.6	0.6	1.0	1.0	0.0	0.0
7	ENWP-JP	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	1.0	1.0	1.0	1.0	0.8	0.4	0.6	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.8	0.8	0.9	0.7	0.7	0.6	0.6	0.6	0.5	0.3	0.3	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.7	0.6	0.4	0.3	0.3
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	1.0	0.8	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.3	0.3	0.3	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.1	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	1.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design High Growth
April 2004

5	Year																		
12	Number of periods			Transport		Transport Capacity by Period in MMBTU Per Day												Annual
40	Number of Resources			Capability		1	2	3	4	5	6	7	8	9	10	11	12	Volume in
Resource		From	To	mmbtu/day	Arc													mmbtu
1	ENWP-SU	Sumas	IMG	41,146	1	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	25,937	10,937	12,128	602,560
2	ENWP-ST	Stanfield	IMG	86,800	2	86,800	86,800	86,800	86,800	86,800	86,800	68,357	81,557	76,552	37,705	23,023	6,229	2,690,800
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	26,955	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	28,554	13,038	6,924	3,541	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	28,666	32,158	32,158	18,661	0	9,757	0	948,010
6	EPGT-WI	NIT	Stanfield	20,686	5	17,194	17,194	17,194	17,194	17,194	20,686	12,194	12,194	20,686	20,500	0	0	581,902
7	ENWP-JP	Stanfield	IMG	15,000	2	0	0	0	0	0	0	13,200	0	0	0	0	0	0
8	ENWP-JP2	Stanfield	IMG	22,500	2	22,500	22,500	22,500	22,500	18,215	7,897	13,589	0	0	0	0	0	458,778
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	16,397	0	0	0	0	0	0	0	0	369,985
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	251,311	258,063	268,700	226,656	209,949	203,346	194,253	180,691	149,087	102,540	79,190	67,162	6,706,499
12	ELAT-CAN	IMG	Canyon	59,500	7	59,500	59,500	59,500	52,184	48,287	46,770	44,772	41,627	34,275	23,453	18,030	14,984	1,539,995
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	68,562	64,568	62,989	60,912	57,646	50,063	38,908	33,313	30,194	2,017,196
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	14,400	14,350	11,659	10,644	10,245	9,719	8,893	6,968	4,129	2,701	0	344,384
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	4,757	4,757	4,757	4,757	4,757	4,757	0	0	0	0	0	0	147,460
17	FNWP-NG	N. Green	IMG	50,000	3	13,929	13,929	13,929	13,929	8,928	13,929	0	0	0	0	0	0	391,790
18	FNWP-SG	S. Green	IMG	50,000	4	12,963	12,963	12,963	12,963	13,032	8,251	12,793	5,583	0	0	0	0	336,436
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	10,000	7,607	2,965	0	0	0	0	0	0	0	0	0	23,537
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	431	0	0	0	0	0	0	0	0	0	0	3,931
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	14,500	14,500	10,151	0	0	0	0	0	0	0	0	0	49,301
24	XLAT-SUN	IMG	Sun Valley	2,000	9	2,000	1,164	0	0	0	0	0	0	0	0	0	1,907	3,164
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	152	0	0	0	0	0	0	0	0	0	0	0	152
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	301	0	0	0	0	0	0	0	0	0	0	0	301
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						799,786	799,787	799,787	678,581	627,354	607,157	574,768	533,169	431,238	284,665	202,329	154,599	

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	5		Annual Volume mmbtu	Variable Cost Summary by Resource: Total Annual $/mmbtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources							
Resource							
1	EGP-SU-1		1,283,500	$4.64	$0	5,959,592	5,959,592
2	EGP-AL-1		1,095,000	$3.93	$0	4,298,843	4,298,843
3	EGP-AL-2		912,500	$4.13	$0	3,765,781	3,765,781
4	EGP-ST-1		1,510,000	$4.64	$0	7,011,285	7,011,285
5	EGP-NG-1		981,500	$4.27	$0	4,194,180	4,194,180
6	EGP-NG-2		1,812,000	$4.27	$0	7,743,102	7,743,102
7	EGP-SG-1		3,210,000	$3.91	$0	12,549,735	12,549,735
8	EGP-SG-2		2,555,000	$4.05	$0	10,347,803	10,347,803
9	EGP-SG-3		453,000	$4.27	$0	1,935,776	1,935,776
10	EGP-CG-1		2,265,000	$4.70	$0	10,652,828	10,652,828
11	EGP-CG-2		3,650,000	$3.92	$0	14,292,975	14,292,975
12	ST-1		2,541,334	$3.82	$63,533	9,634,199	9,697,732
13	ST-2		94,926	$4.97	$63,600	407,802	471,402
14	ST-3		0	$0.00	$0	0	0
15	ST-4		880,037	$3.91	$0	3,443,585	3,443,585
16	ST-5		369,985	$4.86	$207,339	1,589,455	1,796,794
17	EST-6		5,304,592	$3.94	$131,554	20,756,867	20,888,421
18	FGP-SU1		2,372,500	$4.22	$0	10,023,374	10,023,374
19	PGP-SU		0	$0.00	$0	0	0
20	WGP-SU		0	$0.00	$0	0	0
21	SGP-SU		610,000	$3.92	$0	2,391,810	2,391,810
22	FGP-ST		0	$0.00	$0	0	0
23	PGP-ST		620,000	$4.45	$0	2,756,520	2,756,520
24	WGP-ST		1,800,000	$4.18	$0	7,521,488	7,521,488
25	SGP-ST		2,140,000	$3.84	$0	8,216,690	8,216,690
26	PGP-AL		620,000	$4.38	$0	2,713,120	2,713,120
27	WGP-AL		1,800,000	$4.12	$0	7,413,488	7,413,488
28	SGP-AL		2,140,000	$3.78	$0	8,088,290	8,088,290
29	PGP-NG		579,997	$4.53	$0	2,625,065	2,625,065
30	WGP-NG		358,200	$4.33	$0	1,550,470	1,550,470
31	SGP-NG		2,140,000	$3.91	$0	8,366,490	8,366,490
32	PGP-SG		505,004	$4.53	$0	2,285,647	2,285,647
33	WGP-SG		743,792	$4.32	$0	3,209,784	3,209,784
34	SGP-SG		2,140,000	$3.91	$0	8,366,490	8,366,490
35	PA-IF		0	$0.00	$0	0	0
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		22,500,458	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		2,008	$6.64	$0	13,330	13,330
46	FGP-NIT		1,825,000	$3.94	$0	7,182,988	7,182,988
47	FGP-Stan		755,000	$4.15	$0	3,135,693	3,135,693
48	FGP-CG		40,000	$4.40	$0	175,840	175,840
49	FGP-SU2		414,491	$3.92	$0	1,626,313	1,626,313
50	BLANK		0	$0.00	$0	0	0
			81,181,478	$2.55	$466,027	$206,246,694	$206,712,721

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design High Growth
April 2004

Year	5	Annual Volume mmbtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$40,936	$40,936	$81,872	$204,680	$327,488	$573,104	$1,230,150	$1,111,103	$2,349,324	$0	$0	$0
2 EGP-AL-1		1,095,000	$12,918	$12,918	$25,836	$64,590	$103,344	$180,852	$386,741	$349,314	$735,843	$690,093	$692,838	$1,043,556
3 EGP-AL-2		912,500	$11,268	$11,268	$22,535	$56,338	$90,140	$157,745	$337,861	$305,165	$643,855	$605,730	$608,018	$915,860
4 EGP-ST-1		1,510,000	$48,160	$48,160	$96,320	$240,800	$385,280	$674,240	$1,447,235	$1,307,180	$2,763,910	$0	$0	$0
5 EGP-NG-1		981,500	$28,899	$28,899	$57,798	$144,495	$231,192	$404,586	$866,148	$782,327	$1,649,837	$0	$0	$0
6 EGP-NG-2		1,812,000	$53,352	$53,352	$106,704	$266,760	$426,816	$746,928	$1,599,042	$1,444,296	$3,045,852	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,569,415	$3,583,140	$5,397,180
8 EGP-SG-2		2,555,000	$31,052	$31,052	$62,104	$155,260	$248,416	$434,728	$930,605	$840,546	$1,772,477	$1,661,457	$1,667,862	$2,512,244
9 EGP-SG-3		453,000	$13,338	$13,338	$26,676	$66,690	$106,704	$186,732	$399,761	$361,074	$761,463	$0	$0	$0
10 EGP-CG-1		2,265,000	$73,140	$73,140	$146,280	$365,700	$585,120	$1,023,960	$2,198,753	$1,985,970	$4,200,765	$0	$0	$0
11 EGP-CG-2		3,650,000	$42,960	$42,960	$85,920	$214,800	$343,680	$601,440	$1,286,035	$1,161,580	$2,446,710	$2,294,210	$2,303,360	$3,469,320
12 ST-1		2,541,334	$71,468	$71,468	$142,936	$357,340	$571,743	$1,000,551	$2,215,506	$2,001,102	$3,202,085	$0	$0	$0
13 ST-2		94,926	$248,906	$140,552	$18,344	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
15 ST-4		880,037	$88,043	$88,043	$176,085	$440,213	$570,202	$432,613	$1,648,386	$0	$0	$0	$0	$0
16 ST-5		369,985	$309,312	$309,312	$618,624	$352,207	$0	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,304,592	$189,080	$189,080	$378,159	$945,399	$1,358,278	$2,388,977	$5,861,471	$5,294,232	$4,152,191	$0	$0	$0
18 FGP-SU1		2,372,500	$31,304	$31,304	$62,608	$156,520	$250,432	$438,256	$940,703	$849,667	$1,796,542	$1,554,677	$1,560,624	$2,350,738
19 PGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20 WGP-SU		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
21 SGP-SU		610,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,391,810	$0	$0
22 FGP-ST		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
23 PGP-ST		620,000	$88,920	$88,920	$177,840	$444,600	$711,360	$1,244,880	$0	$0	$0	$0	$0	$0
24 WGP-ST		1,800,000	$0	$0	$0	$0	$0	$0	$1,975,553	$1,784,370	$3,761,565	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,336,910	$2,346,060	$3,533,720
26 PGP-AL		620,000	$87,520	$87,520	$175,040	$437,600	$700,160	$1,225,280	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,800,000	$0	$0	$0	$0	$0	$0	$1,947,653	$1,759,170	$3,706,665	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,300,310	$2,309,460	$3,478,520
29 PGP-NG		579,997	$90,520	$90,520	$181,040	$452,600	$543,105	$1,267,280	$0	$0	$0	$0	$0	$0
30 WGP-NG		358,200	$0	$0	$0	$0	$0	$0	$814,654	$735,816	$0	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,379,610	$2,388,760	$3,598,120
32 PGP-SG		505,004	$67,889	$67,890	$135,782	$339,447	$724,160	$950,479	$0	$0	$0	$0	$0	$0
33 WGP-SG		743,792	$0	$0	$0	$0	$0	$0	$1,990,019	$923,527	$296,238	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,379,610	$2,388,760	$3,598,120
35 PA-IF		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		22,500,458	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		2,008	$13,330	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		1,825,000	$21,580	$21,580	$43,160	$107,900	$172,640	$302,120	$646,118	$583,590	$1,229,455	$1,153,205	$1,157,780	$1,743,860
47 FGP-Stan		755,000	$21,630	$21,630	$43,260	$108,150	$173,040	$302,820	$647,668	$584,990	$1,232,505	$0	$0	$0
48 FGP-CG		40,000	$43,960	$43,960	$87,920	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		414,491	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,195,905	$0	$430,408
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		81,181,478												

Year 5

Transport Utilization Rate								Transport Capability	Arc	Transport Capacity by Period in MMBTU Per Day												Annual Volume in mmbtu
5	6	7	8	9	10	11	12	mmbtu/day		1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			ARC #	Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			1	91,146		19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	19,437	25,937	10,937	12,128	
2	Stanfield	2	IMG	6			2	246,300		186,057	186,057	186,057	130,454	109,772	99,454	95,146	81,557	76,552	37,705	23,023	6,229	
3	N. Green	3	IMG	6			3	83,026		46,955	46,955	46,955	46,955	41,954	46,955	33,026	33,026	26,955	18,455	18,455	18,455	
4	S. Green	4	IMG	6			4	110,358		73,321	73,321	73,321	73,321	73,390	68,609	73,151	65,941	28,554	13,038	6,924	3,541	
5	NIT	5	Stanfield	2			5	62,844		49,352	49,352	49,352	49,352	49,352	49,352	44,352	44,352	39,347	20,500	9,757	0	
6	IMG	6	Boise	7			6	875,500	309,250	251,311	258,063	268,700	226,656	209,949	203,346	194,253	180,691	149,087	102,540	79,190	67,162	
7	IMG	6	Canyon	8			7	119,500	69,652	69,652	67,107	62,465	52,184	48,287	46,770	44,772	41,627	34,275	23,453	18,030	14,984	
8	IMG	6	Idaho Fa	9			8	137,000	89,008	87,000	83,931	79,151	68,562	64,568	62,989	60,912	57,646	50,063	38,908	33,313	30,194	
9	IMG	6	Sun Valle	10			9	66,400	16,701	16,701	15,564	14,350	11,659	10,644	10,245	9,719	8,893	6,968	4,129	2,701	1,907	
	Transport Lateral + Storage = Peak Demand								484,612	799,786	799,787	799,787	678,581	627,354	607,157	574,768	533,169	431,238	284,665	202,329	154,599	
Storage @			Boise							57,939	32,717	2,135	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							2,008	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**309,250**	**309,250**	**290,780**	**270,835**	**226,656**	**209,949**	**203,346**	**194,253**	**180,691**	**149,087**	**102,540**	**79,190**	**67,162**	
Total @			Canyon						**69,652**	**69,652**	**67,107**	**62,465**	**52,184**	**48,287**	**46,770**	**44,772**	**41,627**	**34,275**	**23,453**	**18,030**	**14,984**	
Total @			Idaho Falls						**89,008**	**89,008**	**83,931**	**79,151**	**68,562**	**64,568**	**62,989**	**60,912**	**57,646**	**50,063**	**38,908**	**33,313**	**30,194**	
Total @			Sun Valley						**16,701**	**16,701**	**15,564**	**14,350**	**11,659**	**10,644**	**10,245**	**9,719**	**8,893**	**6,968**	**4,129**	**2,701**	**1,907**	
									484,612	484,612	457,382	426,800	359,062	333,449	323,350	309,656	288,856	240,393	169,030	133,234	114,247	

			Transport & Supply Balane													
From Above			To IMG	Transport	325,770	325,770	325,770	270,167	244,554	234,455	220,761	199,961	151,498	95,135	59,339	40,352	
From Above			To Laterals	Transport	424,665	424,665	424,665	359,062	333,449	323,350	309,656	288,856	240,393	169,030	133,234	114,247	
From Utilization			Storage		59,947	32,717	2,135	-	-	-	-	-	-	-	-	-	
From Above			Total Strg & Transport		**484,612**	**457,382**	**426,800**	**359,062**	**333,449**	**323,350**	**309,656**	**288,856**	**240,393**	**169,030**	**133,234**	**114,247**	
From Gas Utilization			Gas Supply	Supply	**484,612**	**457,382**	**426,800**	359,062	333,449	323,350	309,656	288,856	240,393	187,992	172,992	174,182	
No Cost @ Sumas/SGreen/Stan			T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply				Supply	400,620	373,390	342,808	275,070	249,457	239,358	225,664	204,864	156,401	104,000	89,000	90,190	
No Cost Gas @ IMG			T-3 & T-4	Supply	63,895	63,895	63,895	63,895	63,895	63,895	63,895	63,895	63,895	63,895	63,895	63,895	
From LDC			Dist	Demand	**484,612**	**457,382**	**855,844**	**1,799,670**	**2,673,814**	**4,537,259**	**9,620,379**	**8,104,839**	**14,689,856**	**10,320,652**	**8,129,001**	**10,411,652**	
Days		Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization			Gas Supply	Volume Supp	484,612	457,382	853,600	1,795,309	2,667,589	4,526,903	9,599,329	8,087,973	14,663,984	11,467,518	10,552,518	16,024,763	81,181,478
No Cost @ Sumas/SGreen/Stan			T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply				Volume Supp	400,620	373,390	685,616	1,375,349	1,995,652	3,351,013	6,995,574	5,736,194	9,540,466	6,344,000	5,429,000	8,297,491	50,524,365
No Cost Gas @ IMG			T-3 & T-4	Volume Supp	63,895	63,895	127,790	319,475	511,161	894,531	1,980,748	1,789,063	3,897,601	3,897,601	3,897,601	5,878,348	23,321,708
From LDC				Demand	484,612	457,382	1,711,687	8,998,351	21,390,511	63,521,628	298,231,749	226,935,501	896,081,225	629,559,781	495,869,032	957,872,021	3,601,113,481
Storage Injections					0	0	-858,087	-7,203,042	-18,722,922	-58,994,726	-288,632,420	-218,847,528	-881,417,242	-618,092,263	-485,316,514	-941,847,258	-3,519,932,002

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design High Growth
April 2004

	5 Year Resource	Annual Volume mmbtu	Transport Variable Cost $/mmbtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	602,560	$0.036	1.1	$23,546	$23,546
2	ENWP-ST	2,690,800	$0.036	1.1	$105,145	$105,145
3	ENWP-NG	1,023,806	$0.036	1.1	$40,006	$40,006
4	ENWP-SG	1,871,098	$0.036	1.1	$73,115	$73,115
5	EPGT-AN	948,010	$0.010	1.1	$10,313	$10,313
6	EPGT-WI	581,902	$0.010	1.1	$6,330	$6,330
7	ENWP-JP	0	$0.030	1.1	$0	$0
8	ENWP-JP2	458,778	$0.030	1.1	$14,898	$14,898
9	ENWP-LS	369,985	$0.030	1.1	$12,015	$12,015
10	EIMG-PO	0	$0.0001	1.0	$0	$0
11	ELAT-BOI	6,706,499	$0.0001	1.0	$671	$671
12	ELAT-CAN	1,539,995	$0.0001	1.0	$154	$154
13	ELAT-CAN	2,017,196	$0.0001	1.0	$202	$202
14	ELAT-SUN	344,384	$0.0001	1.1	$37	$37
15	FNWP-SU	0	$0.300	1.1	$0	$0
16	FNWP-ST	147,460	$0.300	1.0	$44,238	$44,238
17	FNWP-NG	391,790	$0.300	1.0	$117,537	$117,537
18	FNWP-SG	336,436	$0.300	1.0	$100,931	$100,931
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000150	1.0	$0	$0
21	XLAT-CAN2	23,537	$0.0002	1.1	$4	$4
22	XLAT-IF1	3,931	$0.0002	1.1	$1	$1
23	XLAT-IF2	49,301	$0.0002	1.0	$7	$7
24	XLAT-SUN	3,164	$0.0002	1.1	$1	$1
25	FLAT-BOI	0	$10.000	1.1	$0	$0
26	FLAT-CAN	152	$10.000	1.1	$1,646	$1,646
27	FLAT-IF	0	$10.000	1.1	$0	$0
28	FLAT-SUN	301	$10.000	1.1	$3,262	$3,262
29	BLANK	0	$0.000	0.0	$0	$0
30	BLANK	0	$0.000	0.0	$0	$0
31	BLANK	0	$0.000	0.0	$0	$0
32	BLANK	0	$0.000	0.0	$0	$0
33	BLANK	0	$0.000	0.0	$0	$0
34	BLANK	0	$0.000	0.0	$0	$0
35	BLANK	0	$0.000	0.0	$0	$0
36	BLANK	0	$0.000	0.0	$0	$0
37	BLANK	0	$0.000	0.0	$0	$0
38	BLANK	0	$0.000	0.0	$0	$0
39	BLANK	0	$0.000	0.0	$0	$0
40	BLANK	0	$0.000	0.0	$0	$0
		20,110,632			549,149	549,149

Year 5
ANNUAL SUMMARY

Total Transport Cost
$549,149
Total Resource Cost
$206,712,721
Total IRP Costs
$207,261,869
PV $s
188,419,881

Exhibit No. 5

APPENDIX F

Model Results
Low Growth

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1				12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.5	0.5	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.9
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1																	
50 # of resources		Area		MMBtu		Capacity in MMBtu/day by Period											
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0
13	ST-2	Boise	7	60,000	1	54,082	41,298	16,846	0	0	0	0	0	0	0	0	0
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	44,086	48,321	48,321	16,188	0	0	0
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	10,582	10,582	10,582	10,582	10,582	6,346	0	0	0	0	0	0
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	5,694	130	0	0	0	0
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,264
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	499	0
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	10,692	0	0	0
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,272	0	0	0	0	0	0
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000
35	PA-IF	Idaho Falls	9	3,000	0	749	0	0	0	0	0	0	0	0	0	0	0
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,089	0	0	0	0	0	0	0	0	0	0
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	65,437		23,519	23,519	23,519	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	224,094
Stanfield			2	221,705		124,205	124,205	124,205	80,039	57,047	52,205	45,405	32,205	17,205	17,205	17,704	17,205	708,833
N. Green			3	71,955		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	74,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	15,500	15,500	15,500	421,354
IMG			6	142,880		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	276,592	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	112,226
Canyon			8	0	58,798	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	7,700	77,949	5,449	3,089	-	-	-	-	-	-	-	-	-	-	8,539
Sun Valley			10	200	14,532	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

This check looks at Peak Day Delivery of supply.

Model Check	Peak Dmd darea	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar**	**Net AT Node**
Sumas	**0**	0	23,519	23,519	23,519	-
Stanfield	**0**	44,352	124,205	168,557	168,557	-
N. Green	**0**	0	33,026	33,026	33,026	-
S. Green	**0**	0	60,358	60,358	60,358	-
NIT	**0**	0	44,352	44,352	44,352	-
IMG	**0**	285,460	82,880	368,340	368,340	-
Boise	**276,592**	222,510	54,082	276,592	-	276,592
Canyon	**58,798**	58,798	-	58,798	-	58,798
Idaho Falls	**77,949**	72,500	5,449	77,949	-	77,949
Sun Valley	**14,532**	14,532	-	14,532	-	14,532
Totals	427,871	698,152	427,871	1,126,023	698,152	427,871

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,449	3,089	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Low Growth
April 2004

Year 1			Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	139,169	38,739	0	0	0	0	0	0	0	465,908
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	617,205	1,497,948	1,352,985	987,438	0	0	0	5,277,032
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	10,582	10,582	21,164	52,911	84,656	88,850	0	0	0	0	0	0	268,745
20	WGP-SU	Sumas	0	0	0	0	0	0	176,515	3,646	0	0	0	0	180,161
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	852,334	2,072,334
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	30,465	0	30,465
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	652,190	0	0	0	1,537,190
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	87,807	0	0	0	0	0	0	122,438
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			345,194	331,661	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,864,067

Year 1

RP

ı Volumes
ıw Growth

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	23,519	23,519	47,039	117,598	188,155	269,974	577,575	365,894	789,182	880,682	880,682	1,260,576	5,424,397
2	Stanfield	124,205	124,205	248,410	400,193	456,378	730,867	1,407,548	901,734	1,049,491	1,049,491	1,079,956	1,582,839	9,155,316
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,832,345	945,500	945,500	1,426,000	8,846,025
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,449	3,089	0	0	0	0	0	0	0	0	0	0	8,539
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		422,422	409,638	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,324,922

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Low Growth
April 2004

Year 1			12 = Number of Periods											
50 # of resources		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volum
Scenario: Design Low Growth
April 2004

Year 1					Injections MMBtu per period														
50 # of resources		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,072	129,072	$ 86,478	129,072
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	103,525	362,383	465,908	$ 261,095	465,908
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	599,082	1,733,950	2,944,000	5,277,032	$ 130,870	5,277,032
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1		Annual Volume MMBtu	Variable Cost Summary by Resource: Total Annual $/MMBtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources							
Resource							
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077	12,152,610
13	ST-2		129,072	$5.89	$86,478	673,498	759,976
14	ST-3		874,200	$4.78	$0	4,178,772	4,178,772
15	ST-4		0	$0.00	$0	0	0
16	ST-5		465,908	$5.78	$261,095	2,431,109	2,692,204
17	EST-6		5,277,032	$4.82	$130,870	25,301,099	25,431,969
18	FGP-SU1		0	$0.00	$0	0	0
19	PGP-SU		268,745	$5.56	$0	1,493,683	1,493,683
20	WGP-SU		180,161	$5.44	$0	979,716	979,716
21	SGP-SU		2,072,334	$4.32	$0	8,952,707	8,952,707
22	FGP-ST		30,465	$5.12	$0	155,996	155,996
23	PGP-ST		620,000	$5.37	$0	3,328,160	3,328,160
24	WGP-ST		885,000	$5.24	$0	4,635,630	4,635,630
25	SGP-ST		2,140,000	$4.29	$0	9,190,233	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760	3,284,760
27	WGP-AL		1,537,190	$5.10	$0	7,834,025	7,834,025
28	SGP-AL		2,140,000	$4.23	$0	9,061,833	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033	9,019,033
32	PGP-SG		122,438	$5.31	$0	649,899	649,899
33	WGP-SG		1,035,188	$5.01	$0	5,184,068	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033	9,019,033
35	PA-IF		749	$8.00	$0	5,991	5,991
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		20,304,950	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		7,789	$7.81	$0	60,850	60,850
46	FGP-NIT		0	$0.00	$0	0	0
47	FGP-Stan		0	$0.00	$0	0	0
48	FGP-CG		0	$0.00	$0	0	0
49	FGP-SU2		0	$0.00	$0	0	0
50	BLANK		0	$0.00	$0	0	0
			74,333,461	$2.93	$541,977	$217,165,508	$217,707,485

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1	Annual Volume MMBtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		1,095,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		912,500	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		1,510,000	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		981,500	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		1,812,000	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		2,555,000	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		453,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		2,265,000	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		3,650,000	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		2,541,334	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		129,072	$282,200	$215,494	$175,804	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		874,200	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		465,908	$375,696	$375,696	$751,392	$726,183	$202,142	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,277,032	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,959,232	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19 PGP-SU		268,745	$58,814	$58,813	$117,628	$294,079	$470,518	$493,830	$0	$0	$0	$0	$0	$0
20 WGP-SU		180,161	$0	$0	$0	$0	$0	$0	$959,889	$19,828	$0	$0	$0	$0
21 SGP-SU		2,072,334	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,608,497
22 FGP-ST		30,465	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$155,996	$0
23 PGP-ST		620,000	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		885,000	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		620,000	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,537,190	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,251,495	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		188,207	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		728,543	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		122,438	$10,813	$10,813	$21,626	$54,064	$86,503	$466,080	$0	$0	$0	$0	$0	$0
33 WGP-SG		1,035,188	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		749	$5,991	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		20,304,950	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		7,789	$36,716	$24,134	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		74,333,461												

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

				12 = Number of Periods												Transport
				Transport Utilization Rate												Capability
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12	MMBtu/day
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3	41,146
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	0.2	0.0	86,800
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6	33,026
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0	60,358
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0	32,158
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.6	0.0	0.0	20,686
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	15,000
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22,500
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72,000
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	500,000
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2	315,000
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2	59,500
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4	69,000
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0	14,400
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,000
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,500
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,000
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,500
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14,500
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2,000
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50,000
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
					1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG	1	23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	705,058
2	ENWP-ST	Stanfield	IMG	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	47,243	29,921	16,007	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	1,871,098
5	EPGT-AN	NIT	Stanfield	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	9,352	0	0	0	996,898
6	EPGT-WI	NIT	Stanfield	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	12,716	0	0	378,014
7	ENWP-JP	Stanfield	IMG	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	2	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	465,908
10	EIMG-PO	IMG	Boise	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	6	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	6,103,728
12	ELAT-CAN	IMG	Canyon	7	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	1,320,557
13	ELAT-CAN	IMG	Idaho Falls	8	69,000	69,000	69,000	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	1,846,141
14	ELAT-SUN	IMG	Sun Valley	9	14,400	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	0	310,999
15	FNWP-SU	Sumas	IMG	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	8	3,500	3,500	2,300	0	0	0	0	0	0	0	0	0	11,600
23	XLAT-IF2	IMG	Idaho Falls	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	9	132	0	0	0	0	0	0	0	0	0	0	1,703	132
25	FLAT-BOI	IMG	Boise	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	

Transport Utilization Rate							Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To					Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #		ARC #	Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6		1	91,146		23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	Peak Demand
2	Stanfield	2	IMG	6		2	246,300		168,557	168,557	168,557	124,391	101,399	96,557	84,757	71,557	47,243	29,921	16,007	3,764	
3	N. Green	3	IMG	6		3	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6		4	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	
5	NIT	5	Stanfield	2		5	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	12,716	0	0	
6	IMG	6	Boise	7		6	875,500	276,592	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	
7	IMG	6	Canyon	8		7	119,500	58,798	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	
8	IMG	6	Idaho Fal	9		8	137,000	77,949	72,500	72,500	71,300	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	
9	IMG	6	Sun Valle	10		9	66,400	14,532	14,532	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	1,703	
	Transport Lateral + Storage = Peak Demand							427,871	698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	

Storage @	Boise							54,082	41,298	16,846	-	-	-	-	-	-	-	-	-
Storage @	Canyon							-	-	-	-	-	-	-	-	-	-	-	-
Storage @	Idaho Falls							5,449	3,089	-	-	-	-	-	-	-	-	-	-
Storage @	Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-
Total @	Boise						**276,592**	**276,592**	**266,555**	**248,304**	**207,872**	**192,640**	**186,612**	**178,199**	**165,763**	**136,861**	**94,177**	**72,617**	**62,123**
Total @	Canyon						**58,798**	**58,798**	**56,649**	**52,735**	**44,065**	**40,788**	**39,500**	**37,815**	**35,153**	**28,954**	**19,814**	**15,216**	**12,656**
Total @	Idaho Falls						**77,949**	**77,949**	**75,589**	**71,300**	**61,797**	**58,220**	**56,814**	**54,936**	**52,011**	**45,218**	**35,183**	**30,110**	**27,318**
Total @	Sun Valley						**14,532**	**14,532**	**13,934**	**12,847**	**10,440**	**9,534**	**9,178**	**8,702**	**7,962**	**6,241**	**3,698**	**2,411**	**1,703**
							427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800

Transport & Supply Balane														
From Above	To IMG	Transport	285,460	285,460	303,087	241,294	218,303	209,225	196,772	178,008	134,394	84,992	52,474	35,920
From Above	To Laterals	Transport	368,340	368,340	368,340	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800
From Utilization	Storage		59,531	44,387	16,846	-	-	-	-	-	-	-	-	-
From Above	Total Strg & Transport		**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**103,800**
From Gas Utilization	Gas Supply	Supply	**427,871**	**412,727**	**385,186**	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097
IGC own supply		Supply	349,894	334,750	307,209	246,197	223,206	214,128	201,675	182,911	139,297	87,500	87,999	86,764
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880
From LDC	Dist	Demand	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**102,397**
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Sup	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,333,461
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Sup	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Sup	349,894	334,750	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,871,856
No Cost Gas @ IMG	T-3 & T-4	Volume Sup	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC		Demand	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	9,325,180	7,341,587	9,420,563	65,045,914
Storage Injections			0	0	0	0	0	0	0	0	0	768,917	2,782,975	5,735,655	9,287,546

Year 1

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Low Growth
April 2004

1 Year	Resource	Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	705,058	$0.036	1.0	$25,453	$25,453
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	465,908	$0.030	1.0	$13,977	$13,977
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,103,728	$0.000	1.0	$610	$610
12	ELAT-CAN	1,320,557	$0.000	1.0	$132	$132
13	ELAT-CAN	1,846,141	$0.000	1.0	$185	$185
14	ELAT-SUN	310,999	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	11,600	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	132	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,027,199			263,934	263,934

Year 1
ANNUAL SUMMARY

Total Transport Cost
$263,934
Total Resource Cost
$217,707,485
Total IRP Costs
$217,971,419
PV $s
198,155,835

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1			12 = Number of periods											
50 # of resources	Area		Utilization rates by period											
Resource	Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1 EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2 EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3 EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4 EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5 EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6 EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7 EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8 EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9 EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10 EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11 EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12 ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13 ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14 ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15 ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16 ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17 EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18 FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19 PGP-SU	Sumas	1	0.5	0.5	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
20 WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
21 SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.9
22 FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23 PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24 WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25 SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26 PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27 WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0
28 SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29 PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30 WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31 SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32 PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33 WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34 SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35 PA-IF	Idaho Falls	9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36 SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37 T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38 T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39 T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40 T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41 T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42 FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43 FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44 MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45 IFO	Idaho Falls	9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46 FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47 FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48 FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49 FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50 BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1

50 # of resources		Area Delivered		MMBtu per day	Storage?	Capacity in MMBtu/day by Period												Total
Resource						1	2	3	4	5	6	7	8	9	10	11	12	
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,082	41,298	16,846	0	0	0	0	0	0	0	0	0	112,226
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	248,676
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	44,086	48,321	48,321	16,188	0	0	0	398,520
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	10,582	10,582	10,582	10,582	10,582	6,346	0	0	0	0	0	0	59,256
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	5,694	130	0	0	0	0	5,824
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,264	29,264
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	499	0	499
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	10,692	0	0	0	40,692
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,272	0	0	0	0	0	0	16,457
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

Year 2

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		23,519	23,519	23,519	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	224,094
Stanfield			2	214,500		124,205	124,205	124,205	80,039	57,047	52,205	45,405	32,205	17,205	17,205	17,704	17,205	708,833
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	15,500	15,500	15,500	421,354
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	276,592	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	112,226
Canyon			8	0	58,798	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	77,949	5,449	3,089	-	-	-	-	-	-	-	-	-	-	8,539
Sun Valley			10	200	14,532	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	Net at **Node**
1	1	Sumas	**0**	0	23,519	23,519	23,519	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	285,460	82,880	368,340	368,340	-
7	7	Boise	**276,592**	222,510	54,082	276,592	-	276,592
8	8	Canyon	**58,798**	58,798	-	58,798	-	58,798
9	9	Idaho Falls	**77,949**	72,500	5,449	77,949	-	77,949
10	10	Sun Valley	**14,532**	14,532	-	14,532	-	14,532
		Totals	427,871	698,152	427,871	1,126,023	698,152	427,871

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,449	3,089	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Low Growth
April 2004

Year 1			Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	139,169	38,739	0	0	0	0	0	0	0	465,908
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	617,205	1,497,948	1,352,985	987,438	0	0	0	5,277,032
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	10,582	10,582	21,164	52,911	84,656	88,850	0	0	0	0	0	0	268,745
20	WGP-SU	Sumas	0	0	0	0	0	0	176,515	3,646	0	0	0	0	180,161
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	852,334	2,072,334
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	30,465	0	30,465
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	652,190	0	0	0	1,537,190
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	87,807	0	0	0	0	0	0	122,438
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			345,194	331,661	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,864,067

Year 2

RP

ı Volumes
ıw Growth

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ce	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	23,519	23,519	47,039	117,598	188,155	269,974	577,575	365,894	789,182	880,682	880,682	1,260,576	5,424,397
2	Stanfield	124,205	124,205	248,410	400,193	456,378	730,867	1,407,548	901,734	1,049,491	1,049,491	1,079,956	1,582,839	9,155,316
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,832,345	945,500	945,500	1,426,000	8,846,025
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,449	3,089	0	0	0	0	0	0	0	0	0	0	8,539
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		422,422	409,638	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,324,922

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Low Growth
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Low Growth
April 2004

Year 1					Injections MMBtu per period														
50 # of resource		Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,072	129,072	$ 86,478	129,072
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	103,525	362,383	465,908	$ 261,095	465,908
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	599,082	1,733,950	2,944,000	5,277,032	$ 130,870	5,277,032
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1	Annual Volume MMBtu	Variable Cost Summary by Resource: Total Annual $/MMBtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources						
Resource						
1 EGP-SU-1		1,283,500	$5.34	$0	6,849,602	6,849,602
2 EGP-AL-1		1,095,000	$4.59	$0	5,022,807	5,022,807
3 EGP-AL-2		912,500	$4.79	$0	4,369,085	4,369,085
4 EGP-ST-1		1,510,000	$5.34	$0	8,058,355	8,058,355
5 EGP-NG-1		981,500	$5.09	$0	4,992,556	4,992,556
6 EGP-NG-2		1,812,000	$5.09	$0	9,217,026	9,217,026
7 EGP-SG-1		3,210,000	$4.21	$0	13,528,550	13,528,550
8 EGP-SG-2		2,555,000	$4.57	$0	11,664,372	11,664,372
9 EGP-SG-3		453,000	$5.09	$0	2,304,257	2,304,257
10 EGP-CG-1		2,265,000	$5.40	$0	12,223,433	12,223,433
11 EGP-CG-2		3,650,000	$4.58	$0	16,706,188	16,706,188
12 ST-1		2,541,334	$4.78	$63,533	12,089,077	12,152,610
13 ST-2		129,072	$5.89	$86,478	673,498	759,976
14 ST-3		874,200	$4.78	$0	4,178,772	4,178,772
15 ST-4		0	$0.00	$0	0	0
16 ST-5		465,908	$5.78	$261,095	2,431,109	2,692,204
17 EST-6		5,277,032	$4.82	$130,870	25,301,099	25,431,969
18 FGP-SU1		0	$0.00	$0	0	0
19 PGP-SU		268,745	$5.56	$0	1,493,683	1,493,683
20 WGP-SU		180,161	$5.44	$0	979,716	979,716
21 SGP-SU		2,072,334	$4.32	$0	8,952,707	8,952,707
22 FGP-ST		30,465	$5.12	$0	155,996	155,996
23 PGP-ST		620,000	$5.37	$0	3,328,160	3,328,160
24 WGP-ST		885,000	$5.24	$0	4,635,630	4,635,630
25 SGP-ST		2,140,000	$4.29	$0	9,190,233	9,190,233
26 PGP-AL		620,000	$5.30	$0	3,284,760	3,284,760
27 WGP-AL		1,537,190	$5.10	$0	7,834,025	7,834,025
28 SGP-AL		2,140,000	$4.23	$0	9,061,833	9,061,833
29 PGP-NG		188,207	$5.31	$0	999,003	999,003
30 WGP-NG		728,543	$5.08	$0	3,701,105	3,701,105
31 SGP-NG		2,140,000	$4.21	$0	9,019,033	9,019,033
32 PGP-SG		122,438	$5.31	$0	649,899	649,899
33 WGP-SG		1,035,188	$5.01	$0	5,184,068	5,184,068
34 SGP-SG		2,140,000	$4.21	$0	9,019,033	9,019,033
35 PA-IF		749	$8.00	$0	5,991	5,991
36 SVLNG		0	$0.00	$0	0	0
37 T1&2-SU		1,619,657	$0.00	$0	0	0
38 T1&T2-ST		2,629,743	$0.00	$0	0	0
39 T1&T2-SG		3,086,005	$0.00	$0	0	0
40 T3-IMG		821,250	$0.00	$0	0	0
41 T4-IMG		20,304,950	$0.00	$0	0	0
42 FGP-IMG		0	$0.00	$0	0	0
43 FB-3		0	$0.00	$0	0	0
44 MrktSell		0	$0.00	$0	0	0
45 IFO		7,789	$7.81	$0	60,850	60,850
46 FGP-NIT		0	$0.00	$0	0	0
47 FGP-Stan		0	$0.00	$0	0	0
48 FGP-CG		0	$0.00	$0	0	0
49 FGP-SU2		0	$0.00	$0	0	0
50 BLANK		0	$0.00	$0	0	0
		74,333,461	$2.93	$541,977	$217,165,508	$217,707,485

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1	Annual Volume MMBtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		1,095,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		912,500	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		1,510,000	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		981,500	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		1,812,000	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		2,555,000	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		453,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		2,265,000	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		3,650,000	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		2,541,334	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		129,072	$282,200	$215,494	$175,804	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		874,200	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		465,908	$375,696	$375,696	$751,392	$726,183	$202,142	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,277,032	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,959,232	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19 PGP-SU		268,745	$58,814	$58,813	$117,628	$294,079	$470,518	$493,830	$0	$0	$0	$0	$0	$0
20 WGP-SU		180,161	$0	$0	$0	$0	$0	$0	$959,889	$19,828	$0	$0	$0	$0
21 SGP-SU		2,072,334	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,608,497
22 FGP-ST		30,465	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$155,996	$0
23 PGP-ST		620,000	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		885,000	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		620,000	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,537,190	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,251,495	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		188,207	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		728,543	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		122,438	$10,813	$10,813	$21,626	$54,064	$86,503	$466,080	$0	$0	$0	$0	$0	$0
33 WGP-SG		1,035,188	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		749	$5,991	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		20,304,950	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		7,789	$36,716	$24,134	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
		74,333,461												

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year															
12	Number of periods			12 = Number of Periods												
40	Number of Resources			Transport Utilization Rate												
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.6	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			ARC #	Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			1	91,146		23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	
2	Stanfield	2	IMG	6			2	246,300		168,557	168,557	168,557	124,391	101,399	96,557	84,757	71,557	47,243	29,921	16,007	3,764	
3	N. Green	3	IMG	6			3	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6			4	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	
5	NIT	5	Stanfield	2			5	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	12,716	0	0	
6	IMG	6	Boise	7			6	875,500	276,592	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	
7	IMG	6	Canyon	8			7	119,500	58,798	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	
8	IMG	6	Idaho Fal	9			8	137,000	77,949	72,500	72,500	71,300	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	
9	IMG	6	Sun Valle	10			9	66,400	14,532	14,532	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	1,703	
	Transport Lateral + Storage = Peak Demand								427,871	698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	

Storage @	Boise							54,082	41,298	16,846	-	-	-	-	-	-	-	-
Storage @	Canyon							-	-	-	-	-	-	-	-	-	-	-
Storage @	Idaho Falls							5,449	3,089	-	-	-	-	-	-	-	-	-
Storage @	Sun Valley							-	-	-	-	-	-	-	-	-	-	-
Total @	Boise						**276,592**	**276,592**	**266,555**	**248,304**	**207,872**	**192,640**	**186,612**	**178,199**	**165,763**	**136,861**	**94,177**	**72,617**	**62,123**
Total @	Canyon						**58,798**	**58,798**	**56,649**	**52,735**	**44,065**	**40,788**	**39,500**	**37,815**	**35,153**	**28,954**	**19,814**	**15,216**	**12,656**
Total @	Idaho Falls						**77,949**	**77,949**	**75,589**	**71,300**	**61,797**	**58,220**	**56,814**	**54,936**	**52,011**	**45,218**	**35,183**	**30,110**	**27,318**
Total @	Sun Valley						**14,532**	**14,532**	**13,934**	**12,847**	**10,440**	**9,534**	**9,178**	**8,702**	**7,962**	**6,241**	**3,698**	**2,411**	**1,703**
							427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800

Transport & Supply Balane															
From Above	To IMG	Transport	285,460	285,460	303,087	241,294	218,303	209,225	196,772	178,008	134,394	84,992	52,474	35,920	
From Above	To Laterals	Transport	368,340	368,340	368,340	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	
From Utilization	Storage		59,531	44,387	16,846	-	-	-	-	-	-	-	-	-	
From Above	Total Strg & Transport		**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**103,800**	
From Gas Utilization	Gas Supply	Supply	**427,871**	**412,727**	**385,186**	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	349,894	334,750	307,209	246,197	223,206	214,128	201,675	182,911	139,297	87,500	87,999	86,764	
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
From LDC	Dist	Demand	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**102,397**	
Days	Volumes below		1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Su	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,333,461
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Su	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Su	349,894	334,750	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,871,856
No Cost Gas @ IMG	T-3 & T-4	Volume Su	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC		Demand	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	9,325,180	7,341,587	9,420,563	65,045,914
Storage Injections			0	0	0	0	0	0	0	0	0	768,917	2,782,975	5,735,655	9,287,546

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year																		
12	Number of periods			Transport		Transport Capacity by Period in MMBtu Per Day												Annual
40	Number of Resources			Capability		1	2	3	4	5	6	7	8	9	10	11	12	Volume in
Resource		From	To	MMBtu/day	Arc													MMBtu
1	ENWP-SU	Sumas	IMG	41,146	1	23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	705,058
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	47,243	29,921	16,007	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	9,352	0	0	0	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	12,716	0	0	378,014
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	465,908
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	6,103,728
12	ELAT-CAN	IMG	Canyon	59,500	7	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	1,320,557
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	1,846,141
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	0	310,999
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,300	0	0	0	0	0	0	0	0	0	11,600
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	132	0	0	0	0	0	0	0	0	0	0	1,703	132
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	

Year 2

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Low Growth
April 2004

1 Year Resource		Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	705,058	$0.036	1.0	$25,453	$25,453
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	465,908	$0.030	1.0	$13,977	$13,977
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,103,728	$0.000	1.0	$610	$610
12	ELAT-CAN	1,320,557	$0.000	1.0	$132	$132
13	ELAT-CAN	1,846,141	$0.000	1.0	$185	$185
14	ELAT-SUN	310,999	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	11,600	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	132	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,027,199			263,934	263,934

Year 2
ANNUAL SUMMARY

Total Transport Cost
$263,934
Total Resource Cost
$217,707,485
Total IRP Costs
$217,971,419
PV $s
198,155,835

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year	1			12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.5	0.5	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.9
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1																		
50 # of resources		Area		MMBtu		Capacity in MMBtu/day by Period												
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,082	41,298	16,846	0	0	0	0	0	0	0	0	0	112,226
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	248,676
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	44,086	48,321	48,321	16,188	0	0	0	398,520
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	10,582	10,582	10,582	10,582	10,582	6,346	0	0	0	0	0	0	59,256
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	5,694	130	0	0	0	0	5,824
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,264	29,264
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	499	0	499
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	10,692	0	0	0	40,692
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,272	0	0	0	0	0	0	16,457
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

Year 3

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		23,519	23,519	23,519	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	224,094
Stanfield			2	214,500		124,205	124,205	124,205	80,039	57,047	52,205	45,405	32,205	17,205	17,205	17,704	17,205	708,833
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	15,500	15,500	15,500	421,354
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	276,592	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	112,226
Canyon			8	0	58,798	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	77,949	5,449	3,089	-	-	-	-	-	-	-	-	-	-	8,539
Sun Valley			10	200	14,532	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	23,519	23,519	23,519	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	285,460	82,880	368,340	368,340	-
7	7	Boise	**276,592**	222,510	54,082	276,592	-	276,592
8	8	Canyon	**58,798**	58,798	-	58,798	-	58,798
9	9	Idaho Falls	**77,949**	72,500	5,449	77,949	-	77,949
10	10	Sun Valley	**14,532**	14,532	-	14,532	-	14,532
		Totals	427,871	698,152	427,871	########	698,152	427,871

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,449	3,089	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Low Growth
April 2004

Year	1		Flow Capacity in MMBtu Per Period * Number of days in period												
50	# of resources	Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	139,169	38,739	0	0	0	0	0	0	0	465,908
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	617,205	1,497,948	1,352,985	987,438	0	0	0	5,277,032
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	10,582	10,582	21,164	52,911	84,656	88,850	0	0	0	0	0	0	268,745
20	WGP-SU	Sumas	0	0	0	0	0	0	176,515	3,646	0	0	0	0	180,161
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	852,334	2,072,334
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	30,465	0	30,465
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	652,190	0	0	0	1,537,190
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	87,807	0	0	0	0	0	0	122,438
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			345,194	331,661	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,864,067

Year 3

RP

Volumes
w Growth

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	23,519	23,519	47,039	117,598	188,155	269,974	577,575	365,894	789,182	880,682	880,682	1,260,576	5,424,397
2	Stanfield	124,205	124,205	248,410	400,193	456,378	730,867	1,407,548	901,734	1,049,491	1,049,491	1,079,956	1,582,839	9,155,316
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,832,345	945,500	945,500	1,426,000	8,846,025
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,449	3,089	0	0	0	0	0	0	0	0	0	0	8,539
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		422,422	409,638	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,324,922

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Low Growth
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Low Growth
April 2004

Year	1				Injections MMBtu per period														
50	# of resource	Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,072	129,072	$ 86,478	129,072
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	103,525	362,383	465,908	$ 261,095	465,908
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	599,082	1,733,950	2,944,000	5,277,032	$ 130,870	5,277,032
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 3

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1		Annual Volume MMBtu	Variable Cost Summary by Resource: Total Annual $/MMBtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources							
Resource							
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077	12,152,610
13	ST-2		129,072	$5.89	$86,478	673,498	759,976
14	ST-3		874,200	$4.78	$0	4,178,772	4,178,772
15	ST-4		0	$0.00	$0	0	0
16	ST-5		465,908	$5.78	$261,095	2,431,109	2,692,204
17	EST-6		5,277,032	$4.82	$130,870	25,301,099	25,431,969
18	FGP-SU1		0	$0.00	$0	0	0
19	PGP-SU		268,745	$5.56	$0	1,493,683	1,493,683
20	WGP-SU		180,161	$5.44	$0	979,716	979,716
21	SGP-SU		2,072,334	$4.32	$0	8,952,707	8,952,707
22	FGP-ST		30,465	$5.12	$0	155,996	155,996
23	PGP-ST		620,000	$5.37	$0	3,328,160	3,328,160
24	WGP-ST		885,000	$5.24	$0	4,635,630	4,635,630
25	SGP-ST		2,140,000	$4.29	$0	9,190,233	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760	3,284,760
27	WGP-AL		1,537,190	$5.10	$0	7,834,025	7,834,025
28	SGP-AL		2,140,000	$4.23	$0	9,061,833	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033	9,019,033
32	PGP-SG		122,438	$5.31	$0	649,899	649,899
33	WGP-SG		1,035,188	$5.01	$0	5,184,068	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033	9,019,033
35	PA-IF		749	$8.00	$0	5,991	5,991
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		20,304,950	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		7,789	$7.81	$0	60,850	60,850
46	FGP-NIT		0	$0.00	$0	0	0
47	FGP-Stan		0	$0.00	$0	0	0
48	FGP-CG		0	$0.00	$0	0	0
49	FGP-SU2		0	$0.00	$0	0	0
50	BLANK		0	$0.00	$0	0	0

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1		Annual Volume MMBtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50	# of resources														
Resource															
1	EGP-SU-1		1,283,500	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2	EGP-AL-1		1,095,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3	EGP-AL-2		912,500	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4	EGP-ST-1		1,510,000	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5	EGP-NG-1		981,500	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6	EGP-NG-2		1,812,000	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7	EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8	EGP-SG-2		2,555,000	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9	EGP-SG-3		453,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10	EGP-CG-1		2,265,000	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11	EGP-CG-2		3,650,000	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12	ST-1		2,541,334	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13	ST-2		129,072	$282,200	$215,494	$175,804	$0	$0	$0	$0	$0	$0	$0	$0	$0
14	ST-3		874,200	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15	ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	ST-5		465,908	$375,696	$375,696	$751,392	$726,183	$202,142	$0	$0	$0	$0	$0	$0	$0
17	EST-6		5,277,032	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,959,232	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18	FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19	PGP-SU		268,745	$58,814	$58,813	$117,628	$294,079	$470,518	$493,830	$0	$0	$0	$0	$0	$0
20	WGP-SU		180,161	$0	$0	$0	$0	$0	$0	$959,889	$19,828	$0	$0	$0	$0
21	SGP-SU		2,072,334	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,608,497
22	FGP-ST		30,465	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$155,996	$0
23	PGP-ST		620,000	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24	WGP-ST		885,000	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25	SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26	PGP-AL		620,000	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27	WGP-AL		1,537,190	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,251,495	$0	$0	$0
28	SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29	PGP-NG		188,207	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30	WGP-NG		728,543	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31	SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32	PGP-SG		122,438	$10,813	$10,813	$21,626	$54,064	$86,503	$466,080	$0	$0	$0	$0	$0	$0
33	WGP-SG		1,035,188	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34	SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35	PA-IF		749	$5,991	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36	SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38	T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39	T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40	T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41	T4-IMG		20,304,950	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42	FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43	FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44	MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45	IFO		7,789	$36,716	$24,134	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46	FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47	FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48	FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49	FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50	BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year															
12	Number of periods			12 = Number of Periods												
40	Number of Resources			Transport Utilization Rate												
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.6	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year																		
12	Number of periods																		
40	Number of Resources																		
Resource		From	To		Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
							1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG		41,146	1	23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	705,058
2	ENWP-ST	Stanfield	IMG		86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	47,243	29,921	16,007	3,764	2,528,260
3	ENWP-NG	N. Green	IMG		33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG		60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	1,871,098
5	EPGT-AN	NIT	Stanfield		32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	9,352	0	0	0	996,898
6	EPGT-WI	NIT	Stanfield		20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	12,716	0	0	378,014
7	ENWP-JP	Stanfield	IMG		15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG		22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG		72,000	2	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	465,908
10	EIMG-PO	IMG	Boise		500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise		315,000	6	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	6,103,728
12	ELAT-CAN	IMG	Canyon		59,500	7	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	1,320,557
13	ELAT-CAN	IMG	Idaho Falls		69,000	8	69,000	69,000	69,000	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	1,846,141
14	ELAT-SUN	IMG	Sun Valley		14,400	9	14,400	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	0	310,999
15	FNWP-SU	Sumas	IMG		50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG		50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG		50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG		50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield		10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon		10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon		10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls		3,500	8	3,500	3,500	2,300	0	0	0	0	0	0	0	0	0	11,600
23	XLAT-IF2	IMG	Idaho Falls		14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley		2,000	9	132	0	0	0	0	0	0	0	0	0	0	1,703	132
25	FLAT-BOI	IMG	Boise		50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon		50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls		50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley		50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
							698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	

Year 3

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						**Peak**	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			**ARC #**	**Max**	**Demand**	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			**1**	91,146		23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	
2	Stanfield	2	IMG	6			**2**	246,300		168,557	168,557	168,557	124,391	101,399	96,557	84,757	71,557	47,243	29,921	16,007	3,764	
3	N. Green	3	IMG	6			**3**	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6			**4**	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	
5	NIT	5	Stanfield	2			**5**	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	12,716	0	0	
6	IMG	6	Boise	7			**6**	875,500	276,592	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	
7	IMG	6	Canyon	8			**7**	119,500	58,798	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	
8	IMG	6	Idaho Fal	9			**8**	137,000	77,949	72,500	72,500	71,300	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	
9	IMG	6	Sun Valle	10			9	66,400	14,532	14,532	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	1,703	
	Transport Lateral + Storage = Peak Demand								427,871	698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	
Storage @			Boise							54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							5,449	3,089	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**276,592**	**276,592**	**266,555**	**248,304**	**207,872**	**192,640**	**186,612**	**178,199**	**165,763**	**136,861**	**94,177**	**72,617**	**62,123**	
Total @			Canyon						**58,798**	**58,798**	**56,649**	**52,735**	**44,065**	**40,788**	**39,500**	**37,815**	**35,153**	**28,954**	**19,814**	**15,216**	**12,656**	
Total @			Idaho Falls						**77,949**	**77,949**	**75,589**	**71,300**	**61,797**	**58,220**	**56,814**	**54,936**	**52,011**	**45,218**	**35,183**	**30,110**	**27,318**	
Total @			Sun Valley						**14,532**	**14,532**	**13,934**	**12,847**	**10,440**	**9,534**	**9,178**	**8,702**	**7,962**	**6,241**	**3,698**	**2,411**	**1,703**	
									427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	

Transport & Supply Balane														
From Above	To IMG	Transport	285,460	285,460	303,087	241,294	218,303	209,225	196,772	178,008	134,394	84,992	52,474	35,920	
From Above	To Laterals	Transport	368,340	368,340	368,340	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	
From Utilization	Storage		59,531	44,387	16,846	-	-	-	-	-	-	-	-	-	
From Above	Total Strg &	Transport	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**103,800**	
From Gas Utilization	Gas Supply	Supply	**427,871**	**412,727**	**385,186**	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply		Supply	349,894	334,750	307,209	246,197	223,206	214,128	201,675	182,911	139,297	87,500	87,999	86,764	
No Cost Gas @ IMG	T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
From LDC	Dist	Demand	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**102,397**	
Days Volumes below			1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization	Gas Supply	Volume Supp	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,333,461
No Cost @ Sumas/SGreen/Stan	T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply		Volume Supp	349,894	334,750	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,871,856
No Cost Gas @ IMG	T-3 & T-4	Volume Supp	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC		Demand	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	9,325,180	7,341,587	9,420,563	65,045,914
Storage Injections			0	0	0	0	0	0	0	0	0	768,917	2,782,975	5,735,655	9,287,546

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Low Growth
April 2004

1 Year	Resource	Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	705,058	$0.036	1.0	$25,453	$25,453
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	465,908	$0.030	1.0	$13,977	$13,977
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,103,728	$0.000	1.0	$610	$610
12	ELAT-CAN	1,320,557	$0.000	1.0	$132	$132
13	ELAT-CAN	1,846,141	$0.000	1.0	$185	$185
14	ELAT-SUN	310,999	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	11,600	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	132	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,027,199			263,934	263,934

Year 3
ANNUAL SUMMARY

Total Transport Cost
$263,934
Total Resource Cost
$217,707,485
Total IRP Costs
$217,971,419
PV $s
198,155,835

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year	1			12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.5	0.5	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.9
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1																		
50 # of resources		Area		MMBtu		Capacity in MMBtu/day by Period												
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,082	41,298	16,846	0	0	0	0	0	0	0	0	0	112,226
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	248,676
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	44,086	48,321	48,321	16,188	0	0	0	398,520
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	10,582	10,582	10,582	10,582	10,582	6,346	0	0	0	0	0	0	59,256
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	5,694	130	0	0	0	0	5,824
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,264	29,264
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	499	0	499
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	10,692	0	0	0	40,692
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,272	0	0	0	0	0	0	16,457
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

Year 4

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		23,519	23,519	23,519	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	224,094
Stanfield			2	214,500		124,205	124,205	124,205	80,039	57,047	52,205	45,405	32,205	17,205	17,205	17,704	17,205	708,833
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	15,500	15,500	15,500	421,354
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	276,592	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	112,226
Canyon			8	0	58,798	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	77,949	5,449	3,089	-	-	-	-	-	-	-	-	-	-	8,539
Sun Valley			10	200	14,532	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	23,519	23,519	23,519	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	285,460	82,880	368,340	368,340	-
7	7	Boise	**276,592**	222,510	54,082	276,592	-	276,592
8	8	Canyon	**58,798**	58,798	-	58,798	-	58,798
9	9	Idaho Falls	**77,949**	72,500	5,449	77,949	-	77,949
10	10	Sun Valley	**14,532**	14,532	-	14,532	-	14,532
		Totals	427,871	698,152	427,871	#######	698,152	427,871

Storage by Period		1	2	3	4	5	6	7	8	9	10	11	12
Boise	Storage	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-
Canyon	Storage	-	-	-	-	-	-	-	-	-	-	-	-
Idaho Falls	Storage	5,449	3,089	-	-	-	-	-	-	-	-	-	-
Sun Valley	Storage	-	-	-	-	-	-	-	-	-	-	-	-

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Low Growth
April 2004

Year 1			Flow Capacity in MMBtu Per Period * Number of days in period												
50 # of resources		Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	139,169	38,739	0	0	0	0	0	0	0	465,908
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	617,205	1,497,948	1,352,985	987,438	0	0	0	5,277,032
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	10,582	10,582	21,164	52,911	84,656	88,850	0	0	0	0	0	0	268,745
20	WGP-SU	Sumas	0	0	0	0	0	0	176,515	3,646	0	0	0	0	180,161
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	852,334	2,072,334
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	30,465	0	30,465
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	652,190	0	0	0	1,537,190
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	87,807	0	0	0	0	0	0	122,438
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			345,194	331,661	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,864,067

Year 4

RP

Volumes
w Growth

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	23,519	23,519	47,039	117,598	188,155	269,974	577,575	365,894	789,182	880,682	880,682	1,260,576	5,424,397
2	Stanfield	124,205	124,205	248,410	400,193	456,378	730,867	1,407,548	901,734	1,049,491	1,049,491	1,079,956	1,582,839	9,155,316
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,832,345	945,500	945,500	1,426,000	8,846,025
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,449	3,089	0	0	0	0	0	0	0	0	0	0	8,539
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		422,422	409,638	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,324,922

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Low Growth
April 2004

Year 1			12 = Number of Periods											
50	# of resource	Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Low Growth
April 2004

Year 1					Injections MMBtu per period														
50	# of resource	Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,072	129,072	$ 86,478	129,072
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	103,525	362,383	465,908	$ 261,095	465,908
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	599,082	1,733,950	2,944,000	5,277,032	$ 130,870	5,277,032
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1		Annual Volume MMBtu	Variable Cost Summary by Resource: Total Annual $/MMBtu	Injection Cost	Variable Cost	Total Variable Cost
50 # of resources							
Resource							
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077	12,152,610
13	ST-2		129,072	$5.89	$86,478	673,498	759,976
14	ST-3		874,200	$4.78	$0	4,178,772	4,178,772
15	ST-4		0	$0.00	$0	0	0
16	ST-5		465,908	$5.78	$261,095	2,431,109	2,692,204
17	EST-6		5,277,032	$4.82	$130,870	25,301,099	25,431,969
18	FGP-SU1		0	$0.00	$0	0	0
19	PGP-SU		268,745	$5.56	$0	1,493,683	1,493,683
20	WGP-SU		180,161	$5.44	$0	979,716	979,716
21	SGP-SU		2,072,334	$4.32	$0	8,952,707	8,952,707
22	FGP-ST		30,465	$5.12	$0	155,996	155,996
23	PGP-ST		620,000	$5.37	$0	3,328,160	3,328,160
24	WGP-ST		885,000	$5.24	$0	4,635,630	4,635,630
25	SGP-ST		2,140,000	$4.29	$0	9,190,233	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760	3,284,760
27	WGP-AL		1,537,190	$5.10	$0	7,834,025	7,834,025
28	SGP-AL		2,140,000	$4.23	$0	9,061,833	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033	9,019,033
32	PGP-SG		122,438	$5.31	$0	649,899	649,899
33	WGP-SG		1,035,188	$5.01	$0	5,184,068	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033	9,019,033
35	PA-IF		749	$8.00	$0	5,991	5,991
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		20,304,950	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		7,789	$7.81	$0	60,850	60,850
46	FGP-NIT		0	$0.00	$0	0	0
47	FGP-Stan		0	$0.00	$0	0	0
48	FGP-CG		0	$0.00	$0	0	0
49	FGP-SU2		0	$0.00	$0	0	0
50	BLANK		0	$0.00	$0	0	0

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1	Annual Volume MMBtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		1,095,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		912,500	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		1,510,000	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		981,500	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		1,812,000	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		2,555,000	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		453,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		2,265,000	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		3,650,000	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		2,541,334	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		129,072	$282,200	$215,494	$175,804	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		874,200	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		465,908	$375,696	$375,696	$751,392	$726,183	$202,142	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,277,032	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,959,232	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19 PGP-SU		268,745	$58,814	$58,813	$117,628	$294,079	$470,518	$493,830	$0	$0	$0	$0	$0	$0
20 WGP-SU		180,161	$0	$0	$0	$0	$0	$0	$959,889	$19,828	$0	$0	$0	$0
21 SGP-SU		2,072,334	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,608,497
22 FGP-ST		30,465	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$155,996	$0
23 PGP-ST		620,000	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		885,000	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		620,000	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,537,190	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,251,495	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		188,207	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		728,543	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		122,438	$10,813	$10,813	$21,626	$54,064	$86,503	$466,080	$0	$0	$0	$0	$0	$0
33 WGP-SG		1,035,188	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		749	$5,991	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		20,304,950	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		7,789	$36,716	$24,134	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

12 = Number of Periods

Resource		From	To	Transport Utilization Rate											
				1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.6	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year																		
12	Number of periods																		
40	Number of Resources																		
	Resource	From	To		Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
							1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG		41,146	1	23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	705,058
2	ENWP-ST	Stanfield	IMG		86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	47,243	29,921	16,007	3,764	2,528,260
3	ENWP-NG	N. Green	IMG		33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG		60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	1,871,098
5	EPGT-AN	NIT	Stanfield		32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	9,352	0	0	0	996,898
6	EPGT-WI	NIT	Stanfield		20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	12,716	0	0	378,014
7	ENWP-JP	Stanfield	IMG		15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG		22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG		72,000	2	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	465,908
10	EIMG-PO	IMG	Boise		500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise		315,000	6	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	6,103,728
12	ELAT-CAN	IMG	Canyon		59,500	7	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	1,320,557
13	ELAT-CAN	IMG	Idaho Falls		69,000	8	69,000	69,000	69,000	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	1,846,141
14	ELAT-SUN	IMG	Sun Valley		14,400	9	14,400	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	0	310,999
15	FNWP-SU	Sumas	IMG		50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG		50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG		50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG		50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield		10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon		10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon		10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls		3,500	8	3,500	3,500	2,300	0	0	0	0	0	0	0	0	0	11,600
23	XLAT-IF2	IMG	Idaho Falls		14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley		2,000	9	132	0	0	0	0	0	0	0	0	0	0	1,703	132
25	FLAT-BOI	IMG	Boise		50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon		50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls		50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley		50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
							698,152	*698,152*	*715,779*	*609,820*	*563,837*	*545,681*	*515,776*	*478,249*	*381,707*	*250,579*	*172,828*	*139,721*	

Year 4

Transport Utilization Rate								Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			ARC #	Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			1	91,146		23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	
2	Stanfield	2	IMG	6			2	246,300		168,557	168,557	168,557	124,391	101,399	96,557	84,757	71,557	47,243	29,921	16,007	3,764	
3	N. Green	3	IMG	6			3	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6			4	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	
5	NIT	5	Stanfield	2			5	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	12,716	0	0	
6	IMG	6	Boise	7			6	875,500	276,592	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	
7	IMG	6	Canyon	8			7	119,500	58,798	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	
8	IMG	6	Idaho Fal	9			8	137,000	77,949	72,500	72,500	71,300	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	
9	IMG	6	Sun Valle	10			9	66,400	14,532	14,532	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	1,703	
	Transport Lateral + Storage = Peak Demand								427,871	698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	
	Storage @		Boise							54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	
	Storage @		Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
	Storage @		Idaho Falls							5,449	3,089	-	-	-	-	-	-	-	-	-	-	
	Storage @		Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
	Total @		Boise						**276,592**	**276,592**	**266,555**	**248,304**	**207,872**	**192,640**	**186,612**	**178,199**	**165,763**	**136,861**	**94,177**	**72,617**	**62,123**	
	Total @		Canyon						**58,798**	**58,798**	**56,649**	**52,735**	**44,065**	**40,788**	**39,500**	**37,815**	**35,153**	**28,954**	**19,814**	**15,216**	**12,656**	
	Total @		Idaho Falls						**77,949**	**77,949**	**75,589**	**71,300**	**61,797**	**58,220**	**56,814**	**54,936**	**52,011**	**45,218**	**35,183**	**30,110**	**27,318**	
	Total @		Sun Valley						**14,532**	**14,532**	**13,934**	**12,847**	**10,440**	**9,534**	**9,178**	**8,702**	**7,962**	**6,241**	**3,698**	**2,411**	**1,703**	
									427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	
								Transport & Supply Balane														
	From Above							To IMG	Transport	285,460	285,460	303,087	241,294	218,303	209,225	196,772	178,008	134,394	84,992	52,474	35,920	
	From Above							To Laterals	Transport	368,340	368,340	368,340	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	
	From Utilization							Storage		59,531	44,387	16,846	-	-	-	-	-	-	-	-	-	
	From Above							Total Strg &	Transport	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**103,800**	
	From Gas Utilization							Gas Supply	Supply	**427,871**	**412,727**	**385,186**	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	
	No Cost @ Sumas/SGreen/Stan							T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
	IGC own supply								Supply	349,894	334,750	307,209	246,197	223,206	214,128	201,675	182,911	139,297	87,500	87,999	86,764	
	No Cost Gas @ IMG							T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
	From LDC							Dist	Demand	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**102,397**	
	Days				Volumes below					1	1	2	5	8	14	31	28	61	61	61	92	
	From Gas Utilization							Gas Supply	Volume Supp	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,333,461
	No Cost @ Sumas/SGreen/Stan							T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
	IGC own supply								Volume Supp	349,894	334,750	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,871,856
	No Cost Gas @ IMG							T-3 & T-4	Volume Supp	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
	From LDC								Demand	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	9,325,180	7,341,587	9,420,563	65,045,914
	Storage Injections									0	0	0	0	0	0	0	0	0	768,917	2,782,975	5,735,655	9,287,546
										1	2	3	4	5	6	7	8	9	10	11	12	65,045,914

Year 4

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Low Growth
April 2004

1 Year Resource		Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	705,058	$0.036	1.0	$25,453	$25,453
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	465,908	$0.030	1.0	$13,977	$13,977
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,103,728	$0.000	1.0	$610	$610
12	ELAT-CAN	1,320,557	$0.000	1.0	$132	$132
13	ELAT-CAN	1,846,141	$0.000	1.0	$185	$185
14	ELAT-SUN	310,999	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	11,600	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	132	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,027,199			263,934	263,934

Year 4
ANNUAL SUMMARY

Total Transport Cost
$263,934
Total Resource Cost
$217,707,485
Total IRP Costs
$217,971,419
PV $s
198,155,835

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year	1			12 = Number of periods											
50 # of resources		Area		Utilization rates by period											
Resource		Delivered		1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	EGP-AL-2	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	EGP-ST-1	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
8	EGP-SG-2	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	EGP-SG-3	S. Green	4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	ST-1	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.0	0.0	0.0
13	ST-2	Boise	7	0.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	ST-3	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
15	ST-4	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	2	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	EST-6	S. Green	4	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.3	0.0	0.0	0.0
18	FGP-SU1	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	1	0.5	0.5	0.5	0.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.9
22	FGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
26	PGP-AL	NIT	5	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0
28	SGP-AL	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
29	PGP-NG	N. Green	3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0
31	SGP-NG	N. Green	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
32	PGP-SG	S. Green	4	0.1	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.0	0.0	0.0	0.0
34	SGP-SG	S. Green	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
35	PA-IF	Idaho Falls	9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
38	T1&T2-ST	Stanfield	2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
39	T1&T2-SG	S. Green	3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
40	T3-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
41	T4-IMG	IMG	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
42	FGP-IMG	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Year 5

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Rates
Scenario: Design Low Growth
April 2004

Year 1																		
50 # of resources		Area		MMBtu		Capacity in MMBtu/day by Period												
Resource		Delivered		per day	Storage?	1	2	3	4	5	6	7	8	9	10	11	12	Total
1	EGP-SU-1	Sumas	1	8,500	0	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	8,500	0	0	0	76,500
2	EGP-AL-1	NIT	5	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,000
3	EGP-AL-2	NIT	5	2,500	0	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	30,000
4	EGP-ST-1	Stanfield	2	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	0	0	0	90,000
5	EGP-NG-1	N. Green	3	6,500	0	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	0	0	0	58,500
6	EGP-NG-2	N. Green	3	12,000	0	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	0	0	0	108,000
7	EGP-SG-1	S. Green	4	15,000	0	0	0	0	0	0	0	0	0	0	15,000	15,000	15,000	45,000
8	EGP-SG-2	S. Green	4	7,000	0	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	7,000	84,000
9	EGP-SG-3	S. Green	4	3,000	0	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	0	0	0	27,000
10	EGP-CG-1	IMG	6	15,000	0	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	0	0	0	135,000
11	EGP-CG-2	IMG	6	10,000	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	120,000
12	ST-1	NIT	5	18,852	1	18,852	18,852	18,852	18,852	18,852	18,852	18,852	18,852	13,847	0	0	0	164,663
13	ST-2	Boise	7	60,000	1	54,082	41,298	16,846	0	0	0	0	0	0	0	0	0	112,226
14	ST-3	Stanfield	2	15,000	1	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	103,200
15	ST-4	Stanfield	2	22,500	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	2	72,000	1	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	248,676
17	EST-6	S. Green	4	48,321	1	48,321	48,321	48,321	48,321	48,321	44,086	48,321	48,321	16,188	0	0	0	398,520
18	FGP-SU1	Sumas	1	7,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	1	20,000	0	10,582	10,582	10,582	10,582	10,582	6,346	0	0	0	0	0	0	59,256
20	WGP-SU	Sumas	1	15,000	0	0	0	0	0	0	0	5,694	130	0	0	0	0	5,824
21	SGP-SU	Sumas	1	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	9,264	29,264
22	FGP-ST	Stanfield	2	50,000	0	0	0	0	0	0	0	0	0	0	0	499	0	499
23	PGP-ST	Stanfield	2	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
24	WGP-ST	Stanfield	2	15,000	0	0	0	0	0	0	0	15,000	15,000	0	0	0	0	30,000
25	SGP-ST	Stanfield	2	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
26	PGP-AL	NIT	5	20,000	0	20,000	20,000	20,000	20,000	20,000	20,000	0	0	0	0	0	0	120,000
27	WGP-AL	NIT	5	15,000	0	0	0	0	0	0	0	15,000	15,000	10,692	0	0	0	40,692
28	SGP-AL	NIT	5	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
29	PGP-NG	N. Green	3	20,000	0	6,071	6,071	6,071	6,071	6,071	6,071	0	0	0	0	0	0	36,427
30	WGP-NG	N. Green	3	15,000	0	0	0	0	0	0	0	6,071	6,071	6,071	0	0	0	18,214
31	SGP-NG	N. Green	3	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
32	PGP-SG	S. Green	4	20,000	0	2,037	2,037	2,037	2,037	2,037	6,272	0	0	0	0	0	0	16,457
33	WGP-SG	S. Green	4	15,000	0	0	0	0	0	0	0	2,037	2,037	15,000	0	0	0	19,074
34	SGP-SG	S. Green	4	10,000	0	0	0	0	0	0	0	0	0	0	10,000	10,000	10,000	30,000
35	PA-IF	Idaho Falls	9	3,000	0	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	1	4,437	0	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	4,437	53,249
38	T1&T2-ST	Stanfield	2	7,205	0	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	7,205	86,457
39	T1&T2-SG	S. Green	3	8,455	0	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	8,455	101,458
40	T3-IMG	IMG	6	2,250	0	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	27,000
41	T4-IMG	IMG	6	55,630	0	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	55,630	667,560
42	FGP-IMG	IMG	6	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	9	4,700	0	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	5	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	6	5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					Totals	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

Year 5

9	10	11	12	MMBtu per day	Storage?	Capacity in MMBtu/day by Period 1	2	3	4	5	6	7	8	9	10	11	12	Total
Supply by Area				**Max Avail.**	**Peak Dmd**	1	2	3	4	5	6	7	8	9	10	11	12	Total
Sumas			1	61,000		23,519	23,519	23,519	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	224,094
Stanfield			2	214,500		124,205	124,205	124,205	80,039	57,047	52,205	45,405	32,205	17,205	17,205	17,704	17,205	708,833
N. Green			3	63,500		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	352,598
S. Green			4	118,321		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	32,000	32,000	32,000	620,052
NIT			5	69,352		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	15,500	15,500	15,500	421,354
IMG			6	25,000		82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	82,880	67,880	67,880	67,880	949,560
Boise			7	60,000	276,592	54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	112,226
Canyon			8	0	58,798	-	-	-	-	-	-	-	-	-	-	-	-	0
Idaho Falls			9	3,000	77,949	5,449	3,089	-	-	-	-	-	-	-	-	-	-	8,539
Sun Valley			10	200	14,532	-	-	-	-	-	-	-	-	-	-	-	-	0
				Totals	427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	3,397,256

This check looks at Peak Day Delivery of supply.

		Model Check	Peak Dmd darea(2)	Res 2 area trtoar(8)	Res @ area trarea(7)	Total @area tarea(6)	**Res from trfrar(9)**	**Net at Node**
1	1	Sumas	**0**	0	23,519	23,519	23,519	-
2	2	Stanfield	**0**	44,352	124,205	168,557	168,557	-
3	3	N. Green	**0**	0	33,026	33,026	33,026	-
4	4	S. Green	**0**	0	60,358	60,358	60,358	-
5	5	NIT	**0**	0	44,352	44,352	44,352	-
6	6	IMG	**0**	285,460	82,880	368,340	368,340	-
7	7	Boise	**276,592**	222,510	54,082	276,592	-	276,592
8	8	Canyon	**58,798**	58,798	-	58,798	-	58,798
9	9	Idaho Falls	**77,949**	72,500	5,449	77,949	-	77,949
10	10	Sun Valley	**14,532**	14,532	-	14,532	-	14,532
		Totals	427,871	698,152	427,871	########	698,152	427,871

Intermountain Gas IRP
2005-09 IRP Model
Resource Utilization Volumes
Scenario: Design Low Growth
April 2004

Year 1			Flow Capacity in MMBtu Per Period * Number of days in period												
50 # of resources		Area	1	2	3	4	5	6	7	8	9	10	11	12	
Resource		Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
1	EGP-SU-1	Sumas	8,500	8,500	17,000	42,500	68,000	119,000	263,500	238,000	518,500	0	0	0	1,283,500
2	EGP-AL-1	NIT	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	183,000	183,000	276,000	1,095,000
3	EGP-AL-2	NIT	2,500	2,500	5,000	12,500	20,000	35,000	77,500	70,000	152,500	152,500	152,500	230,000	912,500
4	EGP-ST-1	Stanfield	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	0	0	0	1,510,000
5	EGP-NG-1	N. Green	6,500	6,500	13,000	32,500	52,000	91,000	201,500	182,000	396,500	0	0	0	981,500
6	EGP-NG-2	N. Green	12,000	12,000	24,000	60,000	96,000	168,000	372,000	336,000	732,000	0	0	0	1,812,000
7	EGP-SG-1	S. Green	0	0	0	0	0	0	0	0	0	915,000	915,000	1,380,000	3,210,000
8	EGP-SG-2	S. Green	7,000	7,000	14,000	35,000	56,000	98,000	217,000	196,000	427,000	427,000	427,000	644,000	2,555,000
9	EGP-SG-3	S. Green	3,000	3,000	6,000	15,000	24,000	42,000	93,000	84,000	183,000	0	0	0	453,000
10	EGP-CG-1	IMG	15,000	15,000	30,000	75,000	120,000	210,000	465,000	420,000	915,000	0	0	0	2,265,000
11	EGP-CG-2	IMG	10,000	10,000	20,000	50,000	80,000	140,000	310,000	280,000	610,000	610,000	610,000	920,000	3,650,000
12	ST-1	NIT	18,852	18,852	37,704	94,260	150,816	263,928	584,412	527,856	844,654	0	0	0	2,541,334
13	ST-2	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
14	ST-3	Stanfield	15,000	15,000	30,000	75,000	120,000	210,000	409,200	0	0	0	0	0	874,200
15	ST-4	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16	ST-5	Stanfield	72,000	72,000	144,000	139,169	38,739	0	0	0	0	0	0	0	465,908
17	EST-6	S. Green	48,321	48,321	96,642	241,605	386,567	617,205	1,497,948	1,352,985	987,438	0	0	0	5,277,032
18	FGP-SU1	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PGP-SU	Sumas	10,582	10,582	21,164	52,911	84,656	88,850	0	0	0	0	0	0	268,745
20	WGP-SU	Sumas	0	0	0	0	0	0	176,515	3,646	0	0	0	0	180,161
21	SGP-SU	Sumas	0	0	0	0	0	0	0	0	0	610,000	610,000	852,334	2,072,334
22	FGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	0	30,465	0	30,465
23	PGP-ST	Stanfield	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
24	WGP-ST	Stanfield	0	0	0	0	0	0	465,000	420,000	0	0	0	0	885,000
25	SGP-ST	Stanfield	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
26	PGP-AL	NIT	20,000	20,000	40,000	100,000	160,000	280,000	0	0	0	0	0	0	620,000
27	WGP-AL	NIT	0	0	0	0	0	0	465,000	420,000	652,190	0	0	0	1,537,190
28	SGP-AL	NIT	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
29	PGP-NG	N. Green	6,071	6,071	12,142	30,356	48,570	84,997	0	0	0	0	0	0	188,207
30	WGP-NG	N. Green	0	0	0	0	0	0	188,207	169,993	370,343	0	0	0	728,543
31	SGP-NG	N. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
32	PGP-SG	S. Green	2,037	2,037	4,074	10,185	16,297	87,807	0	0	0	0	0	0	122,438
33	WGP-SG	S. Green	0	0	0	0	0	0	63,150	57,039	915,000	0	0	0	1,035,188
34	SGP-SG	S. Green	0	0	0	0	0	0	0	0	0	610,000	610,000	920,000	2,140,000
35	PA-IF	Idaho Falls	749	0	0	0	0	0	0	0	0	0	0	0	749
36	SVLNG	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
37	T1&2-SU	Sumas	4,437	4,437	8,875	22,187	35,499	62,124	137,560	124,248	270,682	270,682	270,682	408,242	1,619,657
38	T1&T2-ST	Stanfield	7,205	7,205	14,410	36,024	57,638	100,867	223,348	201,734	439,491	439,491	439,491	662,839	2,629,743
39	T1&T2-SG	S. Green	8,455	8,455	16,910	42,274	67,638	118,367	262,099	236,735	515,743	515,743	515,743	777,842	3,086,005
40	T3-IMG	IMG	2,250	2,250	4,500	11,250	18,000	31,500	69,750	63,000	137,250	137,250	137,250	207,000	821,250
41	T4-IMG	IMG	55,630	55,630	111,260	278,150	445,040	778,820	1,724,530	1,557,640	3,393,430	3,393,430	3,393,430	5,117,960	20,304,950
42	FGP-IMG	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
43	FB-3	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
44	MrktSell	IMG	0	0	0	0	0	0	0	0	0	0	0	0	0
45	IFO	Idaho Falls	4,700	3,089	0	0	0	0	0	0	0	0	0	0	7,789
46	FGP-NIT	NIT	0	0	0	0	0	0	0	0	0	0	0	0	0
47	FGP-Stan	Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
48	FGP-CG	Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
49	FGP-SU2	Sumas	0	0	0	0	0	0	0	0	0	0	0	0	0
50	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			345,194	331,661	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,864,067

Year 5

RP

ı Volumes
ıw Growth

1		Flow Capacity in MMBtu Per Period * Number of days in period												
ces	Area	1	2	3	4	5	6	7	8	9	10	11	12	
	Days	1	1	2	5	8	14	31	28	61	61	61	92	Totals
rea	Name													0
1	Sumas	23,519	23,519	47,039	117,598	188,155	269,974	577,575	365,894	789,182	880,682	880,682	1,260,576	5,424,397
2	Stanfield	124,205	124,205	248,410	400,193	456,378	730,867	1,407,548	901,734	1,049,491	1,049,491	1,079,956	1,582,839	9,155,316
3	N. Green	33,026	33,026	66,052	165,130	264,208	462,364	1,023,806	924,728	2,014,586	1,125,743	1,125,743	1,697,842	8,936,255
4	S. Green	60,358	60,358	120,716	301,790	482,864	845,012	1,871,098	1,690,024	2,512,438	1,952,000	1,952,000	2,944,000	14,792,658
5	NIT	44,352	44,352	88,704	221,760	354,816	620,928	1,219,912	1,101,856	1,832,345	945,500	945,500	1,426,000	8,846,025
6	IMG	82,880	82,880	165,760	414,400	663,040	1,160,320	2,569,280	2,320,640	5,055,680	4,140,680	4,140,680	6,244,960	27,041,200
7	Boise	54,082	41,298	33,692	0	0	0	0	0	0	0	0	0	129,072
8	Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Idaho Falls	5,449	3,089	0	0	0	0	0	0	0	0	0	0	8,539
#	Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
		422,422	409,638	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,324,922

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volume
Scenario: Design Low Growth
April 2004

Year 1			12 = Number of Periods											
50 # of resource		Area	Injection Rate by Period											
Resource		Delivered	1	2	3	4	5	6	7	8	9	10	11	12
1	EGP-SU-1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	EGP-AL-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	EGP-AL-2	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	EGP-ST-1	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	EGP-NG-1	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	EGP-NG-2	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	EGP-SG-1	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	EGP-SG-2	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	EGP-SG-3	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EGP-CG-1	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	EGP-CG-2	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ST-1	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.6
13	ST-2	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
14	ST-3	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
15	ST-4	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	ST-5	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0
17	EST-6	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7
18	FGP-SU1	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	PGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	WGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	SGP-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	FGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	PGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	WGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	SGP-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	PGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	WGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	SGP-AL	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	PGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	WGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	SGP-NG	N. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	PGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	WGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	SGP-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	PA-IF	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	SVLNG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	T1&2-SU	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	T1&T2-ST	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	T1&T2-SG	S. Green	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	T3-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	T4-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	FGP-IMG	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	FB-3	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	MrktSell	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	IFO	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	FGP-NIT	NIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	FGP-Stan	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	FGP-CG	Citygate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	FGP-SU2	Sumas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	BLANK	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Storage Injection Rates & Volu
Scenario: Design Low Growth
April 2004

Year 1					Injections MMBtu per period														
50	# of resource	Area	Injection		1	2	3	4	5	6	7	8	9	10	11	12		Injection	Check
Resource		Delivered	MMBtu	days	1	1	2	5	8	14	31	28	61	61	61	92	Totals	Cost	Uitization
1	EGP-SU-1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
2	EGP-AL-1	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
3	EGP-AL-2	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
4	EGP-ST-1	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
5	EGP-NG-1	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
6	EGP-NG-2	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
7	EGP-SG-1	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
8	EGP-SG-2	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
9	EGP-SG-3	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
10	EGP-CG-1	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
11	EGP-CG-2	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
12	ST-1	NIT	26,923		0	0	0	0	0	0	0	0	0	169,834	945,500	1,426,000	2,541,334	$ 63,533	2,541,334
13	ST-2	Boise	2,800		0	0	0	0	0	0	0	0	0	0	0	129,072	129,072	$ 86,478	129,072
14	ST-3	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	874,200	874,200	$ -	874,200
15	ST-4	Stanfield	30,084		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
16	ST-5	Stanfield	3,939		0	0	0	0	0	0	0	0	0	0	103,525	362,383	465,908	$ 261,095	465,908
17	EST-6	S. Green	47,649		0	0	0	0	0	0	0	0	0	599,082	1,733,950	2,944,000	5,277,032	$ 130,870	5,277,032
18	FGP-SU1	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
19	PGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
20	WGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
21	SGP-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
22	FGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
23	PGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
24	WGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
25	SGP-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
26	PGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
27	WGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
28	SGP-AL	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
29	PGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
30	WGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
31	SGP-NG	N. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
32	PGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
33	WGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
34	SGP-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
35	PA-IF	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
36	SVLNG	Sun Valley	0		0	0	0	0	0	0	0	0	0	0	0	0	0	$ -	-
37	T1&2-SU	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
38	T1&T2-ST	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
39	T1&T2-SG	S. Green	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
40	T3-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
41	T4-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
42	FGP-IMG	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
43	FB-3	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
44	MrktSell	IMG	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
45	IFO	Idaho Falls	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
46	FGP-NIT	NIT	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
47	FGP-Stan	Stanfield	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
48	FGP-CG	Citygate	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
49	FGP-SU2	Sumas	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-
50	BLANK	0	0		0	0	0	0	0	0	0	0	0	0	0	0		$ -	-

Year 5

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1		Annual Volume MMBtu	Variable Cost Summary by Resource: Total Annual $/MMBtu	Injection Cost	Variable Cost	Total Variable Cost
50	# of resources						
Resource							
1	EGP-SU-1		1,283,500	$5.34	$0	6,849,602	6,849,602
2	EGP-AL-1		1,095,000	$4.59	$0	5,022,807	5,022,807
3	EGP-AL-2		912,500	$4.79	$0	4,369,085	4,369,085
4	EGP-ST-1		1,510,000	$5.34	$0	8,058,355	8,058,355
5	EGP-NG-1		981,500	$5.09	$0	4,992,556	4,992,556
6	EGP-NG-2		1,812,000	$5.09	$0	9,217,026	9,217,026
7	EGP-SG-1		3,210,000	$4.21	$0	13,528,550	13,528,550
8	EGP-SG-2		2,555,000	$4.57	$0	11,664,372	11,664,372
9	EGP-SG-3		453,000	$5.09	$0	2,304,257	2,304,257
10	EGP-CG-1		2,265,000	$5.40	$0	12,223,433	12,223,433
11	EGP-CG-2		3,650,000	$4.58	$0	16,706,188	16,706,188
12	ST-1		2,541,334	$4.78	$63,533	12,089,077	12,152,610
13	ST-2		129,072	$5.89	$86,478	673,498	759,976
14	ST-3		874,200	$4.78	$0	4,178,772	4,178,772
15	ST-4		0	$0.00	$0	0	0
16	ST-5		465,908	$5.78	$261,095	2,431,109	2,692,204
17	EST-6		5,277,032	$4.82	$130,870	25,301,099	25,431,969
18	FGP-SU1		0	$0.00	$0	0	0
19	PGP-SU		268,745	$5.56	$0	1,493,683	1,493,683
20	WGP-SU		180,161	$5.44	$0	979,716	979,716
21	SGP-SU		2,072,334	$4.32	$0	8,952,707	8,952,707
22	FGP-ST		30,465	$5.12	$0	155,996	155,996
23	PGP-ST		620,000	$5.37	$0	3,328,160	3,328,160
24	WGP-ST		885,000	$5.24	$0	4,635,630	4,635,630
25	SGP-ST		2,140,000	$4.29	$0	9,190,233	9,190,233
26	PGP-AL		620,000	$5.30	$0	3,284,760	3,284,760
27	WGP-AL		1,537,190	$5.10	$0	7,834,025	7,834,025
28	SGP-AL		2,140,000	$4.23	$0	9,061,833	9,061,833
29	PGP-NG		188,207	$5.31	$0	999,003	999,003
30	WGP-NG		728,543	$5.08	$0	3,701,105	3,701,105
31	SGP-NG		2,140,000	$4.21	$0	9,019,033	9,019,033
32	PGP-SG		122,438	$5.31	$0	649,899	649,899
33	WGP-SG		1,035,188	$5.01	$0	5,184,068	5,184,068
34	SGP-SG		2,140,000	$4.21	$0	9,019,033	9,019,033
35	PA-IF		749	$8.00	$0	5,991	5,991
36	SVLNG		0	$0.00	$0	0	0
37	T1&2-SU		1,619,657	$0.00	$0	0	0
38	T1&T2-ST		2,629,743	$0.00	$0	0	0
39	T1&T2-SG		3,086,005	$0.00	$0	0	0
40	T3-IMG		821,250	$0.00	$0	0	0
41	T4-IMG		20,304,950	$0.00	$0	0	0
42	FGP-IMG		0	$0.00	$0	0	0
43	FB-3		0	$0.00	$0	0	0
44	MrktSell		0	$0.00	$0	0	0
45	IFO		7,789	$7.81	$0	60,850	60,850
46	FGP-NIT		0	$0.00	$0	0	0
47	FGP-Stan		0	$0.00	$0	0	0
48	FGP-CG		0	$0.00	$0	0	0
49	FGP-SU2		0	$0.00	$0	0	0
50	BLANK		0	$0.00	$0	0	0

Intermountain Gas IRP
2005-09 IRP Model
Variable Cost Summary
Scenario: Design Low Growth
April 2004

Year	1	Annual Volume MMBtu	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
50 # of resources														
Resource														
1 EGP-SU-1		1,283,500	$46,563	$46,563	$93,126	$232,815	$372,504	$651,882	$1,422,373	$1,284,724	$2,699,052	$0	$0	$0
2 EGP-AL-1		1,095,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$819,017	$755,882	$1,143,652
3 EGP-AL-2		912,500	$13,573	$13,573	$27,145	$67,863	$108,580	$190,015	$414,548	$374,430	$786,366	$713,166	$660,554	$999,273
4 EGP-ST-1		1,510,000	$54,780	$54,780	$109,560	$273,900	$438,240	$766,920	$1,673,380	$1,511,440	$3,175,355	$0	$0	$0
5 EGP-NG-1		981,500	$33,982	$33,982	$67,964	$169,910	$271,856	$475,748	$1,037,322	$936,936	$1,964,856	$0	$0	$0
6 EGP-NG-2		1,812,000	$62,736	$62,736	$125,472	$313,680	$501,888	$878,304	$1,915,056	$1,729,728	$3,627,426	$0	$0	$0
7 EGP-SG-1		3,210,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,076,783	$3,761,108	$5,690,660
8 EGP-SG-2		2,555,000	$36,526	$36,526	$73,052	$182,630	$292,208	$511,364	$1,114,946	$1,007,048	$2,111,729	$1,898,229	$1,750,914	$2,649,201
9 EGP-SG-3		453,000	$15,684	$15,684	$31,368	$78,420	$125,472	$219,576	$478,764	$432,432	$906,857	$0	$0	$0
10 EGP-CG-1		2,265,000	$83,070	$83,070	$166,140	$415,350	$664,560	$1,162,980	$2,537,970	$2,292,360	$4,817,933	$0	$0	$0
11 EGP-CG-2		3,650,000	$52,180	$52,180	$104,360	$260,900	$417,440	$730,520	$1,592,780	$1,438,640	$3,016,755	$2,723,955	$2,513,505	$3,802,973
12 ST-1		2,541,334	$89,679	$89,679	$179,357	$448,393	$717,429	$1,255,500	$2,780,036	$2,511,000	$4,018,004	$0	$0	$0
13 ST-2		129,072	$282,200	$215,494	$175,804	$0	$0	$0	$0	$0	$0	$0	$0	$0
14 ST-3		874,200	$71,702	$71,702	$143,403	$358,508	$573,613	$1,003,823	$1,956,021	$0	$0	$0	$0	$0
15 ST-4		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
16 ST-5		465,908	$375,696	$375,696	$751,392	$726,183	$202,142	$0	$0	$0	$0	$0	$0	$0
17 EST-6		5,277,032	$231,678	$231,678	$463,356	$1,158,390	$1,853,424	$2,959,232	$7,182,018	$6,486,984	$4,734,340	$0	$0	$0
18 FGP-SU1		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
19 PGP-SU		268,745	$58,814	$58,813	$117,628	$294,079	$470,518	$493,830	$0	$0	$0	$0	$0	$0
20 WGP-SU		180,161	$0	$0	$0	$0	$0	$0	$959,889	$19,828	$0	$0	$0	$0
21 SGP-SU		2,072,334	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,769,705	$2,574,505	$3,608,497
22 FGP-ST		30,465	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$155,996	$0
23 PGP-ST		620,000	$107,360	$107,360	$214,720	$536,800	$858,880	$1,503,040	$0	$0	$0	$0	$0	$0
24 WGP-ST		885,000	$0	$0	$0	$0	$0	$0	$2,435,670	$2,199,960	$0	$0	$0	$0
25 SGP-ST		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,766,655	$2,556,205	$3,867,373
26 PGP-AL		620,000	$105,960	$105,960	$211,920	$529,800	$847,680	$1,483,440	$0	$0	$0	$0	$0	$0
27 WGP-AL		1,537,190	$0	$0	$0	$0	$0	$0	$2,407,770	$2,174,760	$3,251,495	$0	$0	$0
28 SGP-AL		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,730,055	$2,519,605	$3,812,173
29 PGP-NG		188,207	$32,226	$32,226	$64,452	$161,129	$257,807	$451,162	$0	$0	$0	$0	$0	$0
30 WGP-NG		728,543	$0	$0	$0	$0	$0	$0	$974,536	$880,226	$1,846,344	$0	$0	$0
31 SGP-NG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
32 PGP-SG		122,438	$10,813	$10,813	$21,626	$54,064	$86,503	$466,080	$0	$0	$0	$0	$0	$0
33 WGP-SG		1,035,188	$0	$0	$0	$0	$0	$0	$326,990	$295,345	$4,561,733	$0	$0	$0
34 SGP-SG		2,140,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,717,855	$2,507,405	$3,793,773
35 PA-IF		749	$5,991	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36 SVLNG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37 T1&2-SU		1,619,657	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
38 T1&T2-ST		2,629,743	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
39 T1&T2-SG		3,086,005	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40 T3-IMG		821,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
41 T4-IMG		20,304,950	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
42 FGP-IMG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43 FB-3		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
44 MrktSell		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
45 IFO		7,789	$36,716	$24,134	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
46 FGP-NIT		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
47 FGP-Stan		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
48 FGP-CG		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
49 FGP-SU2		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
50 BLANK		0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year															
12	Number of periods			12 = Number of Periods												
40	Number of Resources			Transport Utilization Rate												
Resource		From	To	1	2	3	4	5	6	7	8	9	10	11	12
1	ENWP-SU	Sumas	IMG	0.6	0.6	1.0	0.6	0.6	0.5	0.5	0.3	0.3	0.4	0.4	0.3
2	ENWP-ST	Stanfield	IMG	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.5	0.3	0.2	0.0
3	ENWP-NG	N. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.6
4	ENWP-SG	S. Green	IMG	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.1	0.0
5	EPGT-AN	NIT	Stanfield	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.0	0.0	0.0
6	EPGT-WI	NIT	Stanfield	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	1.0	0.6	0.0	0.0
7	ENWP-JP	Stanfield	IMG	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0
8	ENWP-JP2	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ENWP-LS	Stanfield	IMG	1.0	1.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	EIMG-PO	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	ELAT-BOI	IMG	Boise	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.2
12	ELAT-CAN	IMG	Canyon	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.6	0.5	0.3	0.3	0.2
13	ELAT-CAN	IMG	Idaho Falls	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.7	0.5	0.4	0.4
14	ELAT-SUN	IMG	Sun Valley	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.6	0.4	0.3	0.2	0.0
15	FNWP-SU	Sumas	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	FNWP-ST	Stanfield	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	FNWP-NG	N. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	FNWP-SG	S. Green	IMG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	FPGT-AN	NIT	Stanfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	XLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	XLAT-CAN2	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	XLAT-IF1	IMG	Idaho Falls	1.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	XLAT-IF2	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	XLAT-SUN	IMG	Sun Valley	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
25	FLAT-BOI	IMG	Boise	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	FLAT-CAN	IMG	Canyon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	FLAT-IF	IMG	Idaho Falls	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	FLAT-SUN	IMG	Sun Valley	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	BLANK	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Intermountain Gas IRP
2005-09 IRP Model
Transport Utilization
Scenario: Design Low Growth
April 2004

1	Year	
12	Number of periods	
40	Number of Resources	

	Resource	From	To	Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
						1	2	3	4	5	6	7	8	9	10	11	12	
1	ENWP-SU	Sumas	IMG	41,146	1	23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	705,058
2	ENWP-ST	Stanfield	IMG	86,800	2	81,557	81,557	81,557	81,557	81,557	81,557	71,557	71,557	47,243	29,921	16,007	3,764	2,528,260
3	ENWP-NG	N. Green	IMG	33,026	3	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	1,023,806
4	ENWP-SG	S. Green	IMG	60,358	4	60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	1,871,098
5	EPGT-AN	NIT	Stanfield	32,158	5	32,158	32,158	32,158	32,158	32,158	32,158	32,158	32,158	9,352	0	0	0	996,898
6	EPGT-WI	NIT	Stanfield	20,686	5	12,194	12,194	12,194	12,194	12,194	12,194	7,194	7,194	20,686	12,716	0	0	378,014
7	ENWP-JP	Stanfield	IMG	15,000	2	15,000	15,000	15,000	15,000	15,000	15,000	13,200	0	0	0	0	0	465,000
8	ENWP-JP2	Stanfield	IMG	22,500	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9	ENWP-LS	Stanfield	IMG	72,000	2	72,000	72,000	72,000	27,834	4,842	0	0	0	0	0	0	0	465,908
10	EIMG-PO	IMG	Boise	500,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
11	ELAT-BOI	IMG	Boise	315,000	6	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	6,103,728
12	ELAT-CAN	IMG	Canyon	59,500	7	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	1,320,557
13	ELAT-CAN	IMG	Idaho Falls	69,000	8	69,000	69,000	69,000	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	1,846,141
14	ELAT-SUN	IMG	Sun Valley	14,400	9	14,400	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	0	310,999
15	FNWP-SU	Sumas	IMG	50,000	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	FNWP-ST	Stanfield	IMG	50,000	2	0	0	0	0	0	0	0	0	0	0	0	0	0
17	FNWP-NG	N. Green	IMG	50,000	3	0	0	0	0	0	0	0	0	0	0	0	0	0
18	FNWP-SG	S. Green	IMG	50,000	4	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FPGT-AN	NIT	Stanfield	10,000	5	0	0	0	0	0	0	0	0	0	0	0	0	0
20	XLAT-CAN	IMG	Canyon	10,500	6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	XLAT-CAN2	IMG	Canyon	10,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	XLAT-IF1	IMG	Idaho Falls	3,500	8	3,500	3,500	2,300	0	0	0	0	0	0	0	0	0	11,600
23	XLAT-IF2	IMG	Idaho Falls	14,500	8	0	0	0	0	0	0	0	0	0	0	0	0	0
24	XLAT-SUN	IMG	Sun Valley	2,000	9	132	0	0	0	0	0	0	0	0	0	0	1,703	132
25	FLAT-BOI	IMG	Boise	50,000	6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	FLAT-CAN	IMG	Canyon	50,000	7	0	0	0	0	0	0	0	0	0	0	0	0	0
27	FLAT-IF	IMG	Idaho Falls	50,000	8	0	0	0	0	0	0	0	0	0	0	0	0	0
28	FLAT-SUN	IMG	Sun Valley	50,000	9	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	BLANK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	

Year 5

Transport Utilization Rate												Transport Capability MMBtu/day	Arc	Transport Capacity by Period in MMBtu Per Day												Annual Volume in MMBtu
5	6	7	8	9	10	11	12			1	2	3	4	5	6	7	8	9	10	11	12	
	Area/Node From		Area/Node To						Peak	1	2	3	4	5	6	7	8	9	10	11	12	
ARC #	Name	Area #	To	Area #			ARC #	Max	Demand	1	1	2	5	8	14	31	28	61	61	61	92	
1	Sumas	1	IMG	6			1	91,146		23,519	23,519	41,146	23,520	23,519	19,284	18,631	13,068	12,937	14,437	14,437	13,702	
2	Stanfield	2	IMG	6			2	246,300		168,557	168,557	168,557	124,391	101,399	96,557	84,757	71,557	47,243	29,921	16,007	3,764	
3	N. Green	3	IMG	6			3	83,026		33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	33,026	18,455	18,455	18,455	
4	S. Green	4	IMG	6			4	110,358		60,358	60,358	60,358	60,358	60,358	60,358	60,358	60,358	41,188	22,179	3,575	0	
5	NIT	5	Stanfield	2			5	62,844		44,352	44,352	44,352	44,352	44,352	44,352	39,352	39,352	30,038	12,716	0	0	
6	IMG	6	Boise	7			6	875,500	276,592	222,510	225,257	231,458	207,872	192,640	186,612	178,199	165,763	136,861	94,177	72,617	62,123	
7	IMG	6	Canyon	8			7	119,500	58,798	58,798	56,649	52,735	44,065	40,788	39,500	37,815	35,153	28,954	19,814	15,216	12,656	
8	IMG	6	Idaho Fal	9			8	137,000	77,949	72,500	72,500	71,300	61,797	58,220	56,814	54,936	52,011	45,218	35,183	30,110	27,318	
9	IMG	6	Sun Valle	10			9	66,400	14,532	14,532	13,934	12,847	10,440	9,534	9,178	8,702	7,962	6,241	3,698	2,411	1,703	
	Transport Lateral + Storage = Peak Demand								427,871	698,152	698,152	715,779	609,820	563,837	545,681	515,776	478,249	381,707	250,579	172,828	139,721	
Storage @			Boise							54,082	41,298	16,846	-	-	-	-	-	-	-	-	-	
Storage @			Canyon							-	-	-	-	-	-	-	-	-	-	-	-	
Storage @			Idaho Falls							5,449	3,089	-	-	-	-	-	-	-	-	-	-	
Storage @			Sun Valley							-	-	-	-	-	-	-	-	-	-	-	-	
Total @			Boise						**276,592**	**276,592**	**266,555**	**248,304**	**207,872**	**192,640**	**186,612**	**178,199**	**165,763**	**136,861**	**94,177**	**72,617**	**62,123**	
Total @			Canyon						**58,798**	**58,798**	**56,649**	**52,735**	**44,065**	**40,788**	**39,500**	**37,815**	**35,153**	**28,954**	**19,814**	**15,216**	**12,656**	
Total @			Idaho Falls						**77,949**	**77,949**	**75,589**	**71,300**	**61,797**	**58,220**	**56,814**	**54,936**	**52,011**	**45,218**	**35,183**	**30,110**	**27,318**	
Total @			Sun Valley						**14,532**	**14,532**	**13,934**	**12,847**	**10,440**	**9,534**	**9,178**	**8,702**	**7,962**	**6,241**	**3,698**	**2,411**	**1,703**	
									427,871	427,871	412,727	385,186	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	
								Transport & Supply Balane														
From Above								To IMG	Transport	285,460	285,460	303,087	241,294	218,303	209,225	196,772	178,008	134,394	84,992	52,474	35,920	
From Above								To Laterals	Transport	368,340	368,340	368,340	324,174	301,183	292,105	279,652	260,888	217,274	152,872	120,354	103,800	
From Utilization								Storage		59,531	44,387	16,846	-	-	-	-	-	-	-	-	-	
From Above								Total Strg & Transport		**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**103,800**	
From Gas Utilization								Gas Supply	Supply	**427,871**	**412,727**	**385,186**	324,174	301,183	292,105	279,652	260,888	217,274	165,477	165,976	164,741	
No Cost @ Sumas/SGreen/Stan								T-1 & T-2	Supply	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	20,097	
IGC own supply									Supply	349,894	334,750	307,209	246,197	223,206	214,128	201,675	182,911	139,297	87,500	87,999	86,764	
No Cost Gas @ IMG								T-3 & T-4	Supply	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	57,880	
From LDC								Dist	Demand	**427,871**	**412,727**	**385,186**	**324,174**	**301,183**	**292,105**	**279,652**	**260,888**	**217,274**	**152,872**	**120,354**	**102,397**	
Days					Volumes below					1	1	2	5	8	14	31	28	61	61	61	92	
From Gas Utilization								Gas Supply	Volume Supp	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	10,094,097	10,124,562	15,156,218	74,333,461
No Cost @ Sumas/SGreen/Stan								T-1 & T-2	Volume Supp	20,097	20,097	40,194	100,485	160,776	281,358	623,007	562,716	1,225,917	1,225,917	1,225,917	1,848,924	7,335,405
IGC own supply									Volume Supp	349,894	334,750	614,418	1,230,986	1,785,645	2,997,787	6,251,932	5,121,519	8,497,125	5,337,500	5,367,965	7,982,334	45,871,856
No Cost Gas @ IMG								T-3 & T-4	Volume Supp	57,880	57,880	115,760	289,400	463,040	810,320	1,794,280	1,620,640	3,530,680	3,530,680	3,530,680	5,324,960	21,126,200
From LDC									Demand	427,871	412,727	770,372	1,620,871	2,409,461	4,089,465	8,669,219	7,304,875	13,253,722	9,325,180	7,341,587	9,420,563	65,045,914
Storage Injections										0	0	0	0	0	0	0	0	0	768,917	2,782,975	5,735,655	9,287,546

Intermountain Gas IRP
2005-09 IRP Model
Transport Cost Summary
Scenario: Design Low Growth
April 2004

1 Year Resource		Annual Volume MMBtu	Transport Variable Cost $/MMBtu	Transport Variable Inflation Factor	Transport Variable Cost Nominal $s	Total Transport Cost Nominal $s
1	ENWP-SU	705,058	$0.036	1.0	$25,453	$25,453
2	ENWP-ST	2,528,260	$0.036	1.0	$91,270	$91,270
3	ENWP-NG	1,023,806	$0.036	1.0	$36,959	$36,959
4	ENWP-SG	1,871,098	$0.036	1.0	$67,547	$67,547
5	EPGT-AN	996,898	$0.010	1.0	$10,019	$10,019
6	EPGT-WI	378,014	$0.010	1.0	$3,799	$3,799
7	ENWP-JP	465,000	$0.030	1.0	$13,950	$13,950
8	ENWP-JP2	0	$0.030	1.0	$0	$0
9	ENWP-LS	465,908	$0.030	1.0	$13,977	$13,977
10	EIMG-PO	0	$0.000	1.0	$0	$0
11	ELAT-BOI	6,103,728	$0.000	1.0	$610	$610
12	ELAT-CAN	1,320,557	$0.000	1.0	$132	$132
13	ELAT-CAN	1,846,141	$0.000	1.0	$185	$185
14	ELAT-SUN	310,999	$0.000	1.0	$31	$31
15	FNWP-SU	0	$0.300	1.0	$0	$0
16	FNWP-ST	0	$0.300	1.0	$0	$0
17	FNWP-NG	0	$0.300	1.0	$0	$0
18	FNWP-SG	0	$0.300	1.0	$0	$0
19	FPGT-AN	0	$0.180	1.0	$0	$0
20	XLAT-CAN	0	$0.000	1.0	$0	$0
21	XLAT-CAN2	0	$0.000	1.0	$0	$0
22	XLAT-IF1	11,600	$0.000	1.0	$2	$2
23	XLAT-IF2	0	$0.000	1.0	$0	$0
24	XLAT-SUN	132	$0.000	1.0	$0	$0
25	FLAT-BOI	0	$10.000	1.0	$0	$0
26	FLAT-CAN	0	$10.000	1.0	$0	$0
27	FLAT-IF	0	$10.000	1.0	$0	$0
28	FLAT-SUN	0	$10.000	1.0	$0	$0
29	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
30	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
31	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
32	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
33	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
34	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
35	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
36	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
37	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
38	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
39	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
40	BLANK	0	$0.000	#NUM!	#NUM!	#NUM!
		18,027,199			263,934	263,934

Year 5
ANNUAL SUMMARY

Total Transport Cost
$263,934
Total Resource Cost
$217,707,485
Total IRP Costs
$217,971,419
PV $s
198,155,835

Exhibit No. 5

APPENDIX G

Public Workshop Announcement

PUBLIC WORKSHOP

Intermountain Gas Company has scheduled a public workshop concerning its 2004 Integrated Resource Plan. The public is invited to participate in a question and answer workshop, and to provide comment during the presentation.

APRIL 2, 2004
Pocatello

Cottontree Inn
1415 Bench Road
6:00 - 8:00 p.m.

Natural Gas
Worth Asking For!
Intermountain Gas
www.intgas.com

Exhibit 6