

**Exhibit No. 8**

**APPENDIX F**

**Model Results**

**Design Weather, High Price, Low Case Growth**





Year	1	2	3	4	5	6	7	8	9	10	11	12	Max Flow	
100 # of resources	1	2	3	4	5	6	7	8	9	10	11	12	Totals	
Resource	Area	Total Gas Supply Flow in MMBtu (Flow per Period * Number of days in period)												Max Flow
	Days	1	2	3	4	5	6	7	8	9	10	11	12	
1 TGP-CG-1	6 IMG	15,278	15,278	15,278	15,278	76,350	504,174	641,676	1,008,348	0	0	0	0	2,306,978
2 TGP-SF-1	2 Stanfield	10,000	10,000	10,000	10,000	50,000	330,000	420,000	660,000	0	0	0	0	1,510,000
3 TGP-SG-1	4 S. Green	10,000	10,000	10,000	10,000	50,000	330,000	420,000	660,000	0	0	0	0	1,510,000
4 TGP-SG-2	4 S. Green	0	0	0	0	0	0	0	0	815,417	765,000	1,335,000	0	3,210,000
5 TGP-ST-2	2 Stanfield	24,000	24,000	24,000	24,000	120,000	792,000	1,008,000	1,584,000	645,810	0	0	0	4,269,810
6 TGP-SF-3	5 NIT	2,460	2,460	2,460	2,460	12,300	81,180	103,320	162,360	133,728	125,460	218,940	0	849,588
7 TGP-CG-2	6 IMG	10,185	10,185	10,185	10,185	50,925	336,105	427,170	672,210	0	0	0	0	1,537,935
8 TGP-ST-4	2 Stanfield	18,500	18,500	18,500	18,500	92,500	610,500	777,000	1,221,000	0	0	0	0	2,793,500
9 TGP-IMG-1	6 IMG	250	250	250	250	1,250	8,250	10,500	16,500	13,590	12,750	22,250	0	86,340
10 IFLNG1	9 Idaho Falls	6,057	2,379	0	0	0	0	0	0	0	0	0	0	8,436
11 IFLNG2	9 Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	45,000
12 ST-1	5 NIT	19,000	19,000	19,000	19,000	95,000	627,000	798,000	1,212,000	434,731	0	0	0	2,562,164
13 ST-2	7 Boise	0	0	0	0	0	0	0	0	0	0	0	0	580,000
14 ST-3	2 Stanfield	22,500	22,500	22,500	22,500	112,500	742,500	0	0	0	0	0	0	967,500
15 ST-4	2 Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	0
16 ST-5	2 Stanfield	72,000	31,711	71,525	37,778	8,444	0	0	0	0	0	0	0	221,458
17 ST-6	2 Stanfield	11,828	41,200	0	30,205	41,200	0	0	0	0	0	0	0	124,433
18 ST-7	4 S. Green	21,966	21,966	21,966	21,966	109,830	724,878	922,572	241,590	0	0	0	0	2,108,700
19 ST-8	4 S. Green	26,359	26,359	26,359	26,359	131,795	869,847	1,107,078	922,535	0	0	0	0	3,163,050
20 ST-9	3 N. Green	21,087	21,087	21,087	21,087	105,435	695,871	885,654	738,045	0	0	0	0	2,530,440
21 ST-10	2 Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	900,000
22 ST-11	5 NIT	0	0	0	0	0	0	0	0	0	0	0	0	1,348,000
23 TGP-SG-3	4 S. Green	0	0	0	0	0	0	0	0	0	0	0	0	1,661,000
24 SVALNG	10 Sun Valley	0	0	0	0	0	0	0	0	0	0	0	0	0
25 T1&T2-SU	1 Sumas	3,516	3,516	3,516	3,516	17,580	116,028	147,672	232,056	191,134	179,316	312,924	0	1,283,340
26 T1&T2-ST	5 NIT	6,128	6,128	6,128	6,128	30,640	202,224	257,376	404,448	333,125	312,528	545,392	0	2,236,720
27 T1&T2-NG	3 N. Green	6,101	6,101	6,101	6,101	30,505	201,333	256,242	402,666	331,667	311,151	542,989	0	2,107,048
28 T1&T2-SG	4 S. Green	2,033	2,033	2,033	2,033	10,165	67,089	85,386	134,178	110,516	103,683	180,937	0	742,045
29 T3-IMG	6 IMG	1,100	1,100	1,100	1,100	5,500	36,300	46,200	72,600	59,797	56,100	97,900	0	379,697
30 T4-IMG	6 IMG	57,161	57,161	57,161	57,161	285,805	1,886,313	2,400,762	3,772,626	3,107,335	2,915,211	5,087,329	0	20,863,765
31 IFO	9 Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	2,100
32 COO	8 Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IFW	9 Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IFC	9 Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	1,800
35 FGP-SV	10 Sun Valley	59	0	0	0	0	0	0	0	0	0	0	0	59
36 FGP-IF	9 Idaho Falls	0	0	0	0	0	0	0	0	0	0	0	0	10,000
37 FGP-CC	8 Canyon	0	0	0	0	0	0	0	0	0	0	0	0	1,825,000
38 FGP-SU	1 Sumas	0	0	0	0	0	0	0	0	0	0	0	0	1,825,000
39 WGP-SU	1 Sumas	0	0	0	0	0	0	0	0	0	0	0	0	100,000
40 SGP-SU	1 Sumas	0	0	0	0	0	0	0	0	0	0	0	0	1,510,000
41 AGP-SU	1 Sumas	37,630	37,630	37,630	37,630	188,150	1,248,930	1,631,570	2,507,355	2,015,211	1,974,186	3,107,329	0	14,122,945
42 SGP-SU	1 Sumas	0	0	0	0	0	0	0	0	0	0	0	0	18,250,000
43 PGP-NG	3 N. Green	0	0	0	0	0	0	0	0	0	0	0	0	100,000
44 WGP-NG	3 N. Green	0	0	0	0	0	0	0	0	0	0	0	0	1,510,000
45 SGP-NG	3 N. Green	0	0	0	0	0	0	0	0	543,611	510,000	890,000	0	1,943,611
46 AGP-NG	3 N. Green	5,838	5,838	5,838	5,838	29,190	192,654	245,196	660,000	543,611	510,000	2,209,841	0	3,650,000
47 IGP-4	3 N. Green	0	0	0	0	0	0	0	0	379,005	376,451	0	0	755,456
48 PGP-SF	2 Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	100,000
49 WGP-SF	2 Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	6,040,000
50 SGP-SF	2 Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	2,140,000
51 AGP-SF	2 Stanfield	15,341	15,341	15,341	15,341	76,705	506,253	572,377	0	0	0	0	0	1,232,040
52 SGP-SF	2 Stanfield	0	0	0	0	0	0	0	0	0	0	0	0	18,250,000
53 PGP-AL	5 NIT	0	0	0	0	0	0	0	0	0	0	0	0	50,000
54 WGP-AL	5 NIT	0	0	0	0	0	0	0	0	0	0	0	0	1,510,000
55 SGP-AL	5 NIT	20,000	20,000	20,000	20,000	100,000	660,000	840,000	0	0	0	0	0	1,700,000
56 IGP-AL	5 NIT	0	0	0	0	0	0	0	0	0	0	0	0	7,300,000
57 IGP-AL	5 NIT	0	0	0	0	0	0	0	0	0	0	0	0	3,650,000
58 PGP-SG	4 S. Green	0	0	0	0	0	0	0	0	0	0	0	0	100,000
59 WGP-SG	4 S. Green	0	0	0	0	0	0	0	0	0	0	0	0	1,510,000
60 SGP-SG	4 S. Green	0	0	0	0	0	0	0	0	543,611	510,000	297,524	0	1,351,135
61 IGP-SG	4 S. Green	0	0	0	0	0	0	0	0	543,611	144,167	0	0	1,347,778
62 IGP-SG	4 S. Green	0	0	0	0	0	0	0	0	660,000	543,611	0	0	3,650,000
63 FGP-CG	6 IMG	0	0	0	0	0	0	0	0	279,389	292,015	0	0	571,404
64 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0
65 DSMIF09	9 Idaho Falls	0	0	0	0	2	10	13	20	17	16	28	107	113

Intermountain Gas Company  
 2009-13 IRP - Year 1 Total Resource Flow by Period

Weather: Design  
 Price: High  
 Customers: Low Growth  
 May 2008

Year	Total Gas Supply Flow in MMBtu (Flow per Period * Number of days in period)												Max Flow				
	1	2	3	4	5	6	7	8	9	10	11	12					
100 # of resources	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Resource	Area	Days															
66 DSMIF10	Idaho Falls	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
67 DSMIF11	Idaho Falls	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68 DSMIF12	Idaho Falls	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69 DSMIF13	Idaho Falls	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100 Name	0 Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		446,378	431,724	427,958	424,416	406,077	1,739,792	10,867,240	12,372,794	15,318,308	8,685,037	6,455,381	9,531,212	67,006,317			
Demand		446,378	431,724	427,958	424,416	406,077	1,739,792	10,867,240	12,372,794	15,318,308	8,243,160	6,451,358	9,531,212	66,660,427			
Supply O/(U)		0	0	0	0	0	0	0	0	0	341,877	4,013	0	345,890			

Area	Total												
	1	2	3	4	5	6	7	8	9	10	11	12	
1 Sumas	41,146	41,146	41,146	41,146	41,146	163,356	462,759	147,672	232,056	191,134	179,316	312,924	1,894,947
2 Stanfield	67,841	67,841	67,841	67,841	67,841	339,209	2,286,753	2,777,377	3,465,000	645,910	0	0	9,305,350
3 In. Green	33,026	33,026	33,026	33,026	33,026	165,130	1,089,858	1,387,092	2,179,716	1,795,330	1,331,151	1,432,989	9,546,396
4 S. Green	60,358	60,358	60,358	60,358	60,358	301,790	1,991,814	2,535,036	2,897,692	2,305,170	1,522,850	1,813,461	13,669,602
5 MIT	47,588	47,588	47,588	47,588	47,588	237,940	1,570,404	1,998,696	1,001,539	466,853	437,988	764,332	6,715,692
6 IMG	83,974	83,974	83,974	83,974	83,974	419,870	2,711,142	3,526,908	5,542,284	3,180,723	2,984,061	5,207,479	24,052,337
7 All Other	0	0	0	0	0	0	0	0	0	0	0	0	0
8 Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
9 Idaho Falls	6,057	2,380	0	0	0	2	10	13	20	17	16	28	8,543
10 Sun Valley	59	0	0	0	0	0	0	0	0	0	0	0	59
Total	340,050	336,313	333,933	333,933	333,933	1,627,292	10,124,740	12,372,794	15,318,308	8,685,037	6,455,381	9,531,212	65,692,927

