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**BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION**

IN THE MATTER OF THE APPLICATION OF )  
INTERMOUNTAIN GAS COMPANY FOR )  
THE AUTHORITY TO CHANGE ITS RATES ) Case No. INT-G-16-02  
AND CHARGES FOR NATURAL GAS )  
SERVICE TO NATURAL GAS CUSTOMERS )  
IN THE STATE OF IDAHO )  
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**EXHIBIT 25**

Line No.	Measure Type	Name	Description	Baseline Description	Vintage	Segment	End Use	Applicability
1	Equipment	Condensing High Efficiency Natural Gas Tankless Water Heater (0.91 EF)	Condensing High Efficiency Natural Gas Tankless Water Heater (0.91 EF)	0.62 EF 40-gallon tank water heater	New, Early Retirement, Turnover	Single Family, Multifamily, Manufactured	Water Heating	90%
2	Equipment	Conventional High Efficiency Natural Gas Water Heater (EF=.67)	40 Gallon High Efficiency Natural Gas Water Heater (0.67 EF)	Code 0.59, Stock 0.54 EF Gas Water Heater, 40 gallon	New, Early Retirement, Turnover	Single Family, Multifamily, Manufactured	Water Heating	90%
3	Equipment	High efficiency combination domestic hot water and hydronic space heating system using pre-approved tankless water heater	Tankless water heater with mean capacity of 108 MBTU/hr	Standard furnace and water heater setup. Furnace details: Stock: 90% Efficient, Code 92% Efficient. Water heater details: 0.62 EF.	New, Early Retirement, Turnover	Single Family, Multifamily, Manufactured	Space Heating	76%
4	Equipment	High Efficiency Furnace 95 AFUE	High-efficiency (condensing) furnace = AFUE 95	Gas-fired furnace = AFUE 76 (existing) or AFUE 80 (code)	New, Early Retirement, Turnover	Single Family, Multifamily, Manufactured	Space Heating	90%
5	Equipment	High Efficiency Hearth - 80% AFUE	High efficiency natural gas fireplace hearth; AFUE 80%	The hearth replaces a log fireplace. The heat provided offsets furnace heat and the fireplace insert reduces air infiltration. Both these components provide furnace consumption savings. Baseline is therefore a Standard efficiency forced air furnace (72% AFUE)	New, Early Retirement, Turnover	Single Family, Multifamily, Manufactured	Room Heating	2%
6	Nonequipment	Energy Star Home	HERS 75	2006 IECC Zone 5 (Denver) - adjusted	New, Early Retirement, Turnover	Single Family, Multifamily, Manufactured	Space Heating	2.5%

Line No.

1	<b>Incentive Level</b>	<b>Cost Benefit Threshold</b>	<b>Inflation Rate</b>
2	30%	1.00	2.60%
3			

4			
5	<b>Discount Rate</b>	<b>Transmission Loss Rate</b>	
6	3.69%	0.1959%	
7			

Start Year Sales Distribution by Segment (%)		
Segment	% of Start Yr Sales	
Single Family	92.00%	
Multi Family	7.50%	
Manufactured	0.50%	

10	<b>End Use Saturation</b>					
11	Space Heating	Room Heating	Water Heati	Clothes Drying	Other	
12	Single Family	87.40%	9.10%	99.60%	94.50%	100.00%
13	Multi Family	70.90%	20.40%	87.90%	71.00%	100.00%
14	Manufactured	88.60%	5.90%	99.50%	91.00%	100.00%

16	<b>End Use Fuel Share (Natural Gas)</b>					
17	Space Heating	Room Heating	Water Heati	Clothes Drying	Other	
18	Single Family	99.00%	60.52%	83.46%	6.30%	100.00%
19	Multi Family	99.00%	37.33%	18.36%	3.85%	100.00%
20	Manufactured	99.00%	46.81%	59.78%	2.85%	100.00%

22	<b>Start Year Sales Distribution by End Use (%)</b>					
23	Space Heating	Room Heating	Water Heati	Clothes Drying	Other	
24	Single Family	70.90%	4.31%	23.32%	0.24%	1.23%
25	Multi Family	62.00%	6.51%	30.74%	0.19%	0.57%
26	Manufactured	71.68%	2.30%	21.09%	0.13%	4.80%

**SALES FORECAST INPUTS**

<b>Residential Sector Forecast (Therms)</b>		
2016	227,521,380	
2017	234,742,301	
2018	242,227,419	
2019	250,037,327	
2020	258,010,605	
2021	264,582,135	

**PREMISE FORECAST INPUTS**

<b>Start Year (2016) Premise Count</b>	
Single Family	289,690
Multi Family	23,617
Manufactured	1,584

<b>Premise Count Growth Rates</b>		
2016	2.5%	
2017	2.5%	
2018	2.5%	
2019	2.5%	
2020	2.5%	
2021	2.5%	

Line No.

1 **TEAPOT Scenario Results: Utility Cost Test, 3.69% Discount Rate**

Annual Incremental Energy Savings by Scenario (Thm)				
	Tech	Econ	Ach1	
2	2016	2,773,527	2,446,984	97,825
3	2017	2,913,533	2,567,969	140,116
4	2018	3,027,354	2,670,882	196,979
5	2019	3,148,472	2,780,391	273,857
6	2020	3,273,715	2,893,774	374,292
7	2021	3,383,183	2,993,436	496,496

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Cumulative Energy Savings by Scenario (Thm)				
	Tech	Econ	Ach1	
2	2016	2,773,527	2,446,984	97,825
3	2017	5,687,059	5,014,953	237,940
4	2018	8,714,413	7,685,835	434,920
5	2019	11,862,885	10,466,226	708,776
6	2020	15,136,600	13,360,000	1,083,069
7	2021	18,519,782	16,353,436	1,579,564

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11 **TEAPOT Scenario Results: Total Resource Cost Test, 3.69% Discount Rate**

Annual Incremental Energy Savings by Scenario (Thm)				
	Tech	Econ	Ach1	
12	2016	2,773,527	162,496	5,621
13	2017	2,913,533	167,678	7,974
14	2018	3,027,354	177,277	11,471
15	2019	3,148,472	187,488	16,284
16	2020	3,273,715	198,216	22,713
17	2021	3,383,183	208,253	30,821

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Cumulative Energy Savings by Scenario (Thm)				
	Tech	Econ	Ach1	
12	2016	2,773,527	162,496	5,621
13	2017	5,687,059	330,174	13,595
14	2018	8,714,413	507,451	25,066
15	2019	11,862,885	694,938	41,350
16	2020	15,136,600	893,154	64,063
17	2021	18,519,782	1,101,407	94,884

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21 **Utility Cost Test**

Potential Savings as a Percentage of Sales by Scenario (annual incremental savings)				
	Tech	Econ	Ach1	
22	2016	1.22%	1.08%	0.04%
23	2017	1.24%	1.09%	0.06%
24	2018	1.25%	1.10%	0.08%
25	2019	1.26%	1.11%	0.11%
26	2020	1.27%	1.12%	0.15%
27	2021	1.28%	1.13%	0.19%

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21 **Total Resource Cost Test**

Potential Savings as a Percentage of Sales by Scenario (annual incremental savings)				
	Tech	Econ	Ach1	
22	2016	1.22%	0.07%	0.00%
23	2017	1.24%	0.07%	0.00%
24	2018	1.25%	0.07%	0.00%
25	2019	1.26%	0.07%	0.01%
26	2020	1.27%	0.08%	0.01%
27	2021	1.28%	0.08%	0.01%