

Intermountain Gas Company
Input and Output Tables for Other Scenarios
Integrated Resource Plan 2019 – 2023



In the Community to Serve[®]

Exhibit No. 10
Fall 2019

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Normal

Growth: Low

Price: Base		Idaho Falls		Sun Valley		Canyon		All-Other		State St.		Central Ada		Total Company	
Year	Period	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2019	1	54,954	54,954	11,654	11,654	58,260	58,260	181,560	181,560	33,868	33,868	34,317	34,317	374,613	374,613
2019	2	54,951	54,951	11,654	11,654	58,260	58,260	181,565	181,565	33,867	33,867	34,316	34,316	374,613	374,613
2019	3	54,950	109,452	11,653	23,306	58,260	115,717	181,578	363,951	33,862	67,724	34,310	68,620	374,613	748,770
2019	4	54,303	270,205	11,651	58,249	57,457	286,879	177,722	895,972	33,862	166,044	34,310	166,260	369,305	1,845,609
2019	5	53,649	426,573	11,629	92,268	56,654	451,317	180,374	1,434,752	33,423	259,430	33,485	262,122	368,834	2,926,482
2019	6	52,996	735,296	11,423	157,625	55,850	771,273	180,018	2,455,865	31,428	436,590	31,856	441,740	363,571	4,998,389
2019	7	51,669	1,568,158	11,218	336,172	54,990	1,672,391	173,880	5,392,050	30,605	923,933	31,020	934,370	353,382	10,827,074
2019	8	49,712	1,356,804	10,397	285,300	52,626	1,435,282	173,148	4,687,261	28,163	754,713	28,565	763,226	342,611	9,282,586
2019	9	47,401	2,595,234	9,979	519,543	49,447	2,793,615	162,991	9,411,038	25,672	1,319,781	26,055	1,333,850	321,545	17,973,061
2019	10	39,691	2,213,951	7,461	388,125	42,193	2,370,792	142,332	8,281,798	18,348	881,120	18,626	891,624	268,651	15,027,410
2019	11	33,760	1,849,208	5,465	263,772	35,060	1,938,483	124,604	7,153,965	10,930	462,886	11,196	472,615	221,015	12,140,929
2019	12	27,971	2,319,331	3,470	233,539	29,437	2,595,639	112,374	9,822,822	5,242	370,726	5,465	390,278	183,959	15,732,335
2020	1	55,725	55,725	11,953	11,953	59,504	59,504	180,513	180,513	34,414	34,414	35,433	35,433	377,542	377,542
2020	2	55,722	55,722	11,952	11,952	59,500	59,500	181,228	181,228	34,413	34,413	34,614	34,614	377,429	377,429
2020	3	55,721	111,441	11,952	23,904	59,497	118,200	181,234	363,264	34,401	68,801	34,613	69,215	377,418	754,925
2020	4	55,713	276,603	11,746	58,724	58,701	293,410	176,974	891,768	34,398	168,708	34,599	171,348	372,131	1,860,561
2020	5	55,051	437,812	11,742	93,721	57,872	461,094	180,081	1,425,429	33,564	263,531	33,775	267,686	372,085	2,949,273
2020	6	54,400	757,494	11,533	159,757	56,980	787,869	178,767	2,436,932	31,932	443,532	32,943	452,134	366,555	5,037,718
2020	7	53,737	1,634,572	11,320	341,543	56,144	1,707,744	172,454	5,332,601	31,096	938,405	31,310	954,775	356,061	10,909,640
2020	8	51,682	1,407,186	10,678	289,446	53,753	1,463,182	170,532	4,639,087	28,613	766,384	29,640	779,963	344,898	9,345,248
2020	9	49,081	2,709,748	10,056	527,764	50,460	2,841,579	161,942	9,299,541	26,040	1,339,488	26,320	1,348,452	323,899	18,066,572
2020	10	40,415	2,285,686	7,516	393,466	42,715	2,401,445	141,953	8,198,026	18,635	893,654	18,735	892,314	269,969	15,064,591
2020	11	34,402	1,880,616	5,586	265,713	35,472	1,954,775	123,543	7,090,196	11,054	469,116	11,338	475,675	221,395	12,136,091
2020	12	28,372	2,376,942	3,490	236,544	29,611	2,634,592	111,340	9,828,956	5,310	378,655	5,484	381,283	183,607	15,836,972
2021	1	56,413	56,413	12,053	12,053	61,011	61,011	183,227	183,227	34,969	34,969	35,475	35,475	383,146	383,146
2021	2	56,410	56,410	12,052	12,052	61,007	61,007	183,125	183,125	34,968	34,968	35,474	35,474	383,034	383,034
2021	3	56,409	112,816	12,052	24,104	61,004	121,179	183,140	367,099	34,956	69,910	35,463	70,924	383,022	766,032
2021	4	56,401	280,009	11,844	59,213	60,173	300,764	178,795	902,699	34,953	171,427	35,460	173,928	377,624	1,888,038
2021	5	55,729	443,179	11,840	94,502	59,307	472,499	181,998	1,443,808	34,105	267,774	34,605	270,899	377,582	2,992,661
2021	6	55,066	766,750	11,629	161,081	58,377	806,977	181,487	2,468,888	32,446	450,664	32,930	456,569	371,933	5,110,929
2021	7	54,393	1,654,409	11,414	344,360	57,504	1,748,433	174,240	5,400,547	31,596	953,465	32,066	965,539	361,211	11,066,751
2021	8	52,305	1,424,005	10,766	291,806	55,007	1,496,458	173,152	4,697,033	29,071	778,629	29,528	788,518	349,827	9,476,449
2021	9	49,664	2,740,819	10,137	531,918	51,570	2,898,878	163,655	9,394,604	26,455	1,360,645	26,891	1,377,570	328,370	18,304,432
2021	10	40,862	2,310,188	7,573	396,350	43,488	2,439,541	143,266	8,266,583	18,926	907,352	19,202	920,360	273,315	15,240,372
2021	3	34,757	1,898,864	5,625	267,375	35,926	1,973,410	124,683	7,147,697	11,219	475,718	11,529	487,824	223,737	12,250,886
2021	3	28,635	2,372,909	3,509	235,555	29,812	2,620,276	112,196	9,785,549	5,378	379,445	5,641	402,600	185,169	15,796,334

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Normal

Growth: Low

Year	Base #	Period	Idaho Falls		Sun Valley		Canyon		All-Other		State St.		Central Ada		Total Company	
			Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2022	4	1	56,908	56,908	12,146	12,146	62,513	62,513	184,751	184,751	35,533	35,533	36,087	36,087	387,938	387,938
2022	4	2	56,905	56,905	12,145	12,145	62,509	62,509	184,657	184,657	35,532	35,532	36,086	36,086	387,834	387,834
2022	4	3	56,904	113,806	12,144	24,288	62,505	124,146	184,675	370,208	35,520	71,038	36,075	72,148	387,823	775,634
2022	4	4	56,896	282,455	11,934	59,664	61,638	308,095	180,257	910,155	35,517	174,191	36,072	176,932	382,314	1,911,492
2022	4	5	56,214	447,021	11,931	95,223	60,737	483,968	183,536	1,455,939	34,655	272,089	35,202	275,579	382,275	3,029,719
2022	4	6	55,541	773,347	11,717	162,302	59,770	826,023	183,039	2,489,209	32,968	457,915	33,499	464,467	376,534	5,173,263
2022	4	7	54,858	1,668,406	11,500	346,966	58,862	1,789,055	175,640	5,444,793	32,104	968,774	32,620	982,247	365,584	11,200,241
2022	4	8	52,744	1,435,616	10,847	293,982	56,256	1,529,733	174,598	4,734,745	29,537	791,080	30,039	802,199	354,021	9,587,355
2022	4	9	50,061	2,761,013	10,212	535,779	52,675	2,956,334	164,929	9,465,113	26,877	1,382,156	27,357	1,401,640	332,111	18,502,035
2022	4	10	41,132	2,324,173	7,625	399,030	44,270	2,477,968	144,237	8,321,650	19,222	921,277	19,539	936,700	276,025	15,380,798
2022	4	11	34,939	1,906,799	5,663	268,913	36,383	1,992,322	125,413	7,186,444	11,386	482,429	11,736	496,863	225,520	12,333,770
2022	4	12	28,731	2,377,976	3,526	236,457	30,016	2,634,241	112,761	9,829,495	5,448	383,913	5,749	410,604	186,231	15,872,686
2023	5	1	57,604	57,604	12,229	12,229	64,016	64,016	186,753	186,753	36,107	36,107	36,716	36,716	393,425	393,425
2023	5	2	57,601	57,601	12,228	12,228	64,012	64,012	186,663	186,663	36,106	36,106	36,715	36,715	393,325	393,325
2023	5	3	57,600	115,200	12,228	24,455	64,008	127,116	186,682	374,256	36,093	72,185	36,704	73,406	393,315	786,618
2023	5	4	57,593	285,911	12,015	60,070	63,106	315,428	182,199	920,014	36,091	177,004	36,701	180,019	387,705	1,938,446
2023	5	5	56,901	452,487	12,012	95,876	62,168	495,237	185,554	1,471,926	35,214	276,477	35,817	280,394	387,666	3,072,397
2023	5	6	56,219	782,792	11,797	163,409	61,165	845,085	185,072	2,516,524	33,499	465,286	34,085	472,591	381,837	5,245,687
2023	5	7	55,527	1,688,732	11,579	349,325	60,220	1,829,694	177,549	5,504,781	32,620	984,343	33,191	999,453	370,686	11,356,328
2023	5	8	53,385	1,453,012	10,921	295,963	57,508	1,563,014	176,554	4,787,359	30,010	803,739	30,566	816,304	358,944	9,719,391
2023	5	9	50,665	2,794,001	10,280	465,288	53,784	3,013,796	166,760	9,645,222	27,306	1,404,028	27,839	1,426,520	336,634	18,748,855
2023	5	10	41,615	2,351,253	10,281	465,374	45,049	2,516,350	143,230	8,352,133	19,523	935,449	19,889	953,733	279,587	15,574,292
2023	5	11	35,338	1,928,203	6,370	261,595	36,841	2,011,194	126,159	7,277,427	11,556	489,254	11,954	506,467	228,218	12,474,140
2023	5	12	29,046	2,403,479	4,636	256,219	30,220	2,647,949	112,971	9,922,608	5,518	388,454	5,866	419,370	188,257	16,038,079

Summary of Supply Demand Balance by LDC Period by Area
2019-2023 IGC IRP / Weather: Normal / Growth: Low / Price: Base
Storage Injections are reflected in excess supply summer
Storage Injections Equal Excess Supply

Year 1

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	110,163	110,163	110,163	104,855	104,384	105,188	111,988	108,498	112,200	112,200	58,960	38,172
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	70,114	70,114	37,290	40,000	40,000	36,466
IMG	153,999	153,999	153,999	153,999	153,999	153,999	153,999	153,999	162,055	161,791	162,055	153,999
All-Other	0	0	0	0	0	0	0	0	0	0	0	0
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	374,613	374,613	374,613	369,305	368,834	363,571	353,382	342,611	321,545	313,991	261,015	228,637
Demand	374,613	374,613	374,613	369,305	368,834	363,571	353,382	342,611	321,545	268,651	221,015	183,959
O/U	0	0	0	0	0	0	0	0	0	45,340	40,000	44,678

Year 2

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	51,137	51,042	51,045	45,921	105,930	106,492	112,200	109,203	112,200	112,200	71,704	33,599
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	70,114	70,114	38,139	34,670	40,000	40,000
IMG	215,207	215,207	215,207	215,207	155,207	155,207	156,029	155,207	163,263	157,584	163,263	158,519
All-Other	747	729	715	553	497	473	437	375	298	185	108	40
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	377,542	377,429	377,418	372,131	372,085	366,555	356,061	344,898	323,899	304,639	275,075	232,158
LDC	377,542	377,429	377,418	372,131	372,085	366,555	356,061	344,898	323,899	269,969	221,395	183,607
O/U	0	0	0	0	0	0	0	0	0	34,670	53,680	48,551

Year 3

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	109,997	110,120	110,611	112,200	112,200	112,200	112,200	73,101	32,639
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	70,114	41,698	40,000	40,000	36,466	36,466
IMG	158,268	158,210	158,239	155,529	155,529	155,529	160,314	156,396	163,585	163,585	160,491	155,529
All-Other	2,227	2,173	2,132	1,647	1,482	1,409	1,302	1,117	887	552	322	119
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	383,146	383,034	383,022	377,624	377,582	371,933	361,211	349,827	328,370	316,337	273,915	224,753
LDC	383,146	383,034	383,022	377,624	377,582	371,933	361,211	349,827	328,370	316,337	273,915	224,753
O/U	0	0	0	0	0	0	0	0	0	43,022	50,178	39,584

Year 4

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	76,298	33,687
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	70,114	43,747	40,000	40,000	36,466	36,466
IMG	160,802	160,807	160,878	156,345	156,638	157,113	163,366	159,458	164,378	164,378	158,871	156,322
All-Other	4,484	4,376	4,294	3,318	2,985	2,837	2,623	2,249	1,786	1,112	649	240
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	387,938	387,834	387,823	382,314	382,275	376,534	365,584	354,021	332,111	317,690	275,818	226,715
LDC	387,938	387,834	387,823	382,314	382,275	376,534	365,584	354,021	332,111	317,690	275,818	226,715
O/U	0	0	0	0	0	0	0	0	0	41,665	50,298	40,484

Year 5

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	80,062	35,346
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	71,409	70,114	45,949	40,000	40,000	36,466
IMG	163,746	163,817	163,935	159,855	160,337	160,807	165,686	163,105	165,686	165,686	157,630	157,630
All-Other	7,027	6,857	6,728	5,199	4,678	4,446	4,110	3,524	2,799	1,743	1,017	375
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	393,425	393,325	393,315	387,705	387,666	381,837	370,686	358,944	336,634	319,628	278,708	229,817
LDC	393,425	393,325	393,315	387,705	387,666	381,837	370,686	358,944	336,634	319,628	278,708	229,817
O/U	0	0	0	0	0	0	0	0	0	40,042	50,491	41,560

Lateral Capacity Summary By Year
2019-2023 IGC IRP / Weather: Normal / Growth: Low / Price: Base

Year	1	2019
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	181,560	296,029	0	0	296,029	0
Canyon	58,260	98,000	0	0	98,000	0
Idaho Falls (W LNG)	54,954	88,400	0	0	88,400	0
Sun Valley	11,654	19,878	0	0	19,878	0
State St	33,868	73,000	0	0	73,000	0
Ada	34,317	70,000	0	0	70,000	0
	374,613	645,307	0	0	645,307	0

Year	2	2020
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	180,513	296,029	0	0	296,029	0
Canyon	59,504	98,000	0	0	98,000	0
Idaho Falls (W LNG)	55,725	88,400	0	0	88,400	0
Sun Valley	11,953	19,878	0	0	19,878	0
State St	34,414	73,000	0	0	73,000	0
Ada	35,433	70,000	0	0	70,000	0
	377,542	645,307	0	0	645,307	0

Year	3	2021
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	183,227	296,029	0	0	296,029	0
Canyon	61,011	98,000	0	0	98,000	0
Idaho Falls (W LNG)	56,413	88,400	0	0	88,400	0
Sun Valley	12,053	19,878	2,122	0	22,000	0
State St	34,969	73,000	0	0	73,000	0
Ada	35,475	70,000	0	0	70,000	0
	383,146	645,307	2,122	0	647,429	0

Year	4	2022
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	184,751	296,029	0	0	296,029	0
Canyon	62,513	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	56,908	88,400	0	0	88,400	0
Sun Valley	12,146	19,878	2,122	0	22,000	0
State St	35,533	73,000	0	0	73,000	0
Ada	36,087	70,000	8,000	0	78,000	0
	387,938	645,307	18,122	0	663,429	0

Year	5	2023
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	186,753	296,029	0	0	296,029	0
Canyon	64,016	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	57,604	88,400	5,600	0	94,000	0
Sun Valley	12,229	19,878	2,122	0	22,000	0
State St	36,107	73,000	4,000	0	77,000	0
Ada	36,716	70,000	8,000	0	78,000	0
	393,425	645,307	27,722	0	673,029	0

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Normal

Growth: Base

Price: Base		Total Company																
Year	Year #	Period	Idaho Falls Peak	Idaho Falls Flow	Sun Valley Peak	Sun Valley Flow	Sun Valley Peak	Sun Valley Flow	Canyon Peak	Canyon Flow	All-Other Peak	All-Other Flow	State St. Peak	State St. Flow	Central Ada Peak	Central Ada Flow	Peak	Flow
2019	1	1	54,959	54,959	11,661	11,661	58,260	58,260	181,541	181,541	33,872	33,872	34,320	34,320	374,613	374,613	374,613	374,613
2019	1	2	54,954	54,954	11,660	11,660	58,260	58,260	181,550	181,550	33,871	33,871	34,318	34,318	374,613	374,613	374,613	374,613
2019	1	3	54,952	109,479	11,658	23,315	58,260	115,717	181,571	363,953	33,862	67,724	34,310	68,620	374,613	748,808	369,305	1,845,664
2019	1	4	54,318	270,280	11,652	58,258	57,457	286,893	177,706	895,918	33,862	166,051	34,310	168,264	369,305	1,845,664	368,853	2,926,499
2019	1	5	53,669	426,743	11,629	92,283	56,654	451,325	180,373	1,434,585	33,043	259,430	33,485	262,133	368,853	4,998,977	363,613	9,982,946
2019	1	6	53,021	735,590	11,423	157,686	55,850	771,337	180,012	2,455,828	31,441	436,705	31,866	441,831	363,613	10,829,947	353,382	10,829,947
2019	1	7	51,684	1,568,643	11,218	336,275	55,004	1,672,693	173,834	5,393,656	30,617	924,136	31,025	934,543	353,382	10,829,947	342,766	9,286,648
2019	1	8	49,748	1,357,433	10,409	285,531	52,637	1,435,697	173,208	4,689,322	28,183	755,124	28,581	763,541	342,766	9,286,648	321,834	17,985,209
2019	1	9	47,401	2,596,744	9,985	520,045	49,477	2,794,954	163,244	9,417,678	25,672	1,320,956	26,055	1,334,832	321,834	17,985,209	268,986	15,040,603
2019	1	10	39,691	2,215,981	7,480	388,757	42,193	2,372,245	142,619	8,288,400	18,377	882,497	18,626	892,723	268,986	15,040,603	221,372	12,161,567
2019	1	11	33,760	1,852,636	5,465	264,789	35,097	1,940,460	124,924	7,165,384	10,930	464,429	11,196	473,869	221,372	12,161,567	184,327	15,750,712
2019	1	12	28,013	2,322,274	3,490	234,381	29,469	2,597,273	112,598	9,833,162	5,270	372,171	5,487	391,451	184,327	15,750,712	383,188	383,188
2020	2	1	56,205	56,205	12,134	12,134	59,881	59,881	184,515	184,515	34,748	34,748	35,705	35,705	383,188	383,188	382,995	382,995
2020	2	2	56,200	56,200	12,131	12,131	59,877	59,877	185,156	185,156	34,746	34,746	34,885	34,885	382,995	382,995	382,995	382,995
2020	2	3	56,198	112,394	12,130	24,259	59,872	118,953	185,165	371,123	34,726	69,450	34,884	69,751	382,975	765,930	382,975	765,930
2020	2	4	56,182	278,958	11,930	59,634	59,078	295,268	180,919	911,466	34,722	170,324	34,863	172,662	377,694	1,888,312	377,694	1,888,312
2020	2	5	55,516	441,564	11,921	95,138	58,241	463,971	184,023	1,456,417	33,879	266,007	34,036	269,748	377,616	2,992,845	377,616	2,992,845
2020	2	6	54,871	763,949	11,712	162,232	57,324	792,835	182,562	2,491,145	32,251	447,847	33,198	455,680	371,918	5,113,688	371,918	5,113,688
2020	2	7	54,204	1,648,127	11,495	346,778	56,477	1,718,122	176,343	5,450,752	31,405	947,357	31,568	962,234	361,492	11,073,370	361,492	11,073,370
2020	2	8	52,073	1,419,010	10,836	294,044	54,090	1,471,651	174,131	4,741,684	28,906	773,848	29,882	785,958	349,918	9,486,195	349,918	9,486,195
2020	2	9	49,504	2,729,471	10,224	536,305	50,772	2,856,736	165,747	9,510,818	26,262	1,352,605	26,541	1,359,226	329,050	18,345,161	329,050	18,345,161
2020	2	10	40,736	2,300,396	7,657	400,341	42,877	2,411,765	145,462	8,387,090	18,837	902,641	18,853	899,569	274,422	15,301,802	274,422	15,301,802
2020	2	11	34,640	1,892,100	5,668	271,589	35,623	1,961,320	126,685	7,267,268	11,130	474,469	11,444	479,893	225,190	12,346,639	225,190	12,346,639
2020	2	12	28,513	2,385,425	3,579	242,623	29,691	2,639,359	114,193	10,073,732	5,379	382,768	5,531	384,429	186,886	16,108,336	186,886	16,108,336
2021	3	1	57,389	57,389	12,400	12,400	61,604	61,604	188,682	188,682	35,646	35,646	36,026	36,026	391,745	391,745	391,745	391,745
2021	3	2	57,383	57,383	12,397	12,397	61,600	61,600	188,502	188,502	35,645	35,645	36,024	36,024	391,549	391,549	391,549	391,549
2021	3	3	57,381	114,759	12,396	24,791	61,595	122,354	188,527	377,875	35,624	71,246	36,007	72,011	391,528	783,036	391,528	783,036
2021	3	4	57,365	284,814	12,191	60,939	60,756	303,652	184,128	929,414	35,620	174,726	36,003	176,610	386,061	1,930,153	386,061	1,930,153
2021	3	5	56,680	450,783	12,182	97,223	59,873	476,920	187,363	1,485,948	34,755	272,877	35,134	275,050	385,985	3,058,801	385,985	3,058,801
2021	3	6	56,015	779,823	11,969	165,778	58,905	814,418	186,665	2,541,534	33,083	459,395	33,448	463,652	380,083	5,224,600	380,083	5,224,600
2021	3	7	55,328	1,681,992	11,746	354,945	58,012	1,763,833	179,418	5,558,076	32,214	971,739	32,564	980,356	369,280	11,310,339	369,280	11,310,339
2021	3	8	53,133	1,447,538	11,072	300,433	55,490	1,508,495	177,979	4,831,257	29,648	793,690	29,996	800,677	357,316	9,682,090	357,316	9,682,090
2021	3	9	50,489	2,780,852	10,446	547,820	51,989	2,917,593	168,559	9,889,089	26,934	1,386,882	27,280	1,167,999	335,695	18,690,233	335,695	18,690,233
2021	3	10	41,460	2,339,119	7,819	408,736	43,660	2,448,040	142,075	8,283,959	19,309	924,847	24,824	1,135,952	279,145	15,540,660	279,145	15,540,660
2021	3	11	35,185	1,918,805	5,786	277,022	36,001	1,972,745	125,402	7,341,299	11,395	485,193	14,430	486,769	228,197	12,481,831	228,197	12,481,831
2021	3	12	28,879	2,387,076	3,648	244,967	29,744	2,609,951	112,415	9,982,633	5,490	386,297	8,384	446,121	188,558	16,057,044	188,558	16,057,044

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Normal

Growth: Base

Year	Year #	Period	Idaho Falls		Sun Valley		Sun Valley		Canyon		All-Other		All-Other		State St.		State St.		Central Ada		Central Ada		Total Company	
			Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2022	4	1	58,400	58,400	12,641	12,641	12,641	12,641	63,549	63,549	192,448	192,448	36,569	36,569	36,569	36,569	36,928	36,928	36,928	36,928	400,535	400,535	400,535	400,535
2022	4	2	58,394	58,394	12,638	12,638	12,638	12,638	63,544	63,544	192,274	192,274	36,568	36,568	36,568	36,568	36,926	36,926	36,926	36,926	400,344	400,344	400,344	400,344
2022	4	3	58,392	116,781	12,637	25,273	12,637	25,273	63,540	126,198	192,299	385,467	36,547	73,092	36,547	73,092	36,909	73,816	36,909	73,816	400,324	800,627	400,324	800,627
2022	4	4	58,376	289,809	12,427	62,121	12,427	62,121	62,655	313,146	197,761	947,821	36,542	179,247	36,542	179,247	36,905	181,036	36,905	181,036	394,666	1,973,180	394,666	1,973,180
2022	4	5	57,671	488,636	12,418	99,107	12,418	99,107	61,724	491,640	191,111	1,515,490	35,654	279,933	35,654	279,933	36,014	281,942	36,014	281,942	394,592	3,126,748	394,592	3,126,748
2022	4	6	56,986	793,310	12,200	168,982	12,200	168,982	60,709	839,091	190,395	2,591,228	33,937	471,255	33,937	471,255	34,285	475,273	34,285	475,273	388,512	5,339,139	388,512	5,339,139
2022	4	7	56,280	1,710,597	11,973	361,167	11,973	361,167	59,769	1,816,425	182,879	5,665,757	33,045	996,785	33,045	996,785	33,380	1,004,931	33,380	1,004,931	377,326	11,555,662	377,326	11,555,662
2022	4	8	54,026	1,471,314	11,285	306,156	11,285	306,156	57,109	1,551,555	181,430	4,922,434	30,410	814,059	30,410	814,059	30,747	820,749	30,747	820,749	365,007	9,886,267	365,007	9,886,267
2022	4	9	51,302	2,822,191	10,644	557,959	10,644	557,959	53,421	2,991,873	171,670	10,064,776	27,623	1,422,074	27,623	1,422,074	27,963	1,197,300	27,963	1,197,300	342,623	19,056,173	342,623	19,056,173
2022	4	10	42,018	2,367,909	7,959	415,815	7,959	415,815	44,666	2,497,581	144,337	8,410,288	19,794	947,654	19,794	947,654	25,446	1,164,455	25,446	1,164,455	284,220	15,803,702	284,220	15,803,702
2022	4	11	35,565	1,935,545	5,883	281,176	5,883	281,176	36,590	1,996,994	127,107	7,434,027	11,668	496,213	11,668	496,213	14,792	499,030	14,792	499,030	231,605	12,642,985	231,605	12,642,985
2022	4	12	29,081	2,398,095	3,696	247,472	3,696	247,472	30,004	2,627,483	113,689	10,087,060	5,605	393,645	5,605	393,645	8,595	457,404	8,595	457,404	190,670	16,211,159	190,670	16,211,159
2023	5	1	59,634	59,634	12,864	12,864	12,864	12,864	65,528	65,528	196,286	196,286	37,518	37,518	37,518	37,518	37,860	37,860	37,860	37,860	409,690	409,690	409,690	409,690
2023	5	2	59,628	59,628	12,861	12,861	12,861	12,861	65,523	65,523	196,114	196,114	37,516	37,516	37,516	37,516	37,858	37,858	37,858	37,858	409,500	409,500	409,500	409,500
2023	5	3	59,626	119,250	12,861	25,721	12,861	25,721	65,518	130,107	196,141	393,197	37,494	74,986	37,494	74,986	37,840	75,678	37,840	75,678	409,480	818,939	409,480	818,939
2023	5	4	59,609	295,921	12,646	63,214	12,646	63,214	64,586	322,799	191,472	966,613	37,490	183,891	37,490	183,891	37,836	185,605	37,836	185,605	403,639	2,018,043	403,639	2,018,043
2023	5	5	58,885	468,280	12,637	100,853	12,637	100,853	63,609	506,607	194,933	1,545,655	36,577	287,178	36,577	287,178	36,923	289,062	36,923	289,062	403,564	3,197,635	403,564	3,197,635
2023	5	6	58,182	809,929	12,414	171,938	12,414	171,938	62,544	864,183	194,201	2,642,242	34,815	483,437	34,815	483,437	35,151	487,275	35,151	487,275	397,307	5,459,004	397,307	5,459,004
2023	5	7	57,456	1,746,140	12,182	367,436	12,182	367,436	61,556	1,869,903	186,443	5,776,593	33,898	1,022,500	33,898	1,022,500	34,223	1,030,323	34,223	1,030,323	385,758	11,812,895	385,758	11,812,895
2023	5	8	55,141	1,501,385	11,480	311,397	11,480	311,397	58,757	1,595,320	184,982	5,017,025	31,193	834,972	31,193	834,972	31,525	841,507	31,525	841,507	373,078	10,101,606	373,078	10,101,606
2023	5	9	52,341	2,877,203	10,825	567,077	10,825	567,077	54,880	3,067,386	174,922	10,008,094	28,331	1,458,217	28,331	1,458,217	28,671	1,470,258	28,671	1,470,258	349,970	19,448,235	349,970	19,448,235
2023	5	10	42,801	2,410,411	8,083	421,919	8,083	421,919	45,685	2,547,863	152,431	8,761,307	20,293	971,073	20,293	971,073	20,460	982,320	20,460	982,320	289,753	16,094,893	289,753	16,094,893
2023	5	11	36,171	1,966,104	5,964	284,402	5,964	284,402	37,190	2,021,591	131,960	7,534,230	11,948	507,530	11,948	507,530	12,272	521,117	12,272	521,117	235,505	12,834,974	235,505	12,834,974
2023	5	12	29,508	2,429,796	3,729	248,603	3,729	248,603	30,268	2,645,021	118,042	10,258,227	5,722	401,196	5,722	401,196	6,031	429,690	6,031	429,690	193,300	16,412,533	193,300	16,412,533

Summary of Supply Demand Balance by LDC Period by Area
2019-2023 IGC IRP / Weather: Normal / Growth: Base / Price: Base
Storage Injections are reflected in excess supply summer
Storage Injections Equal Excess Supply

Year 1

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	110,163	110,163	110,163	104,855	104,403	105,230	111,988	108,653	112,200	112,200	59,317	38,762
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	70,114	70,114	37,579	40,000	40,000	36,466
IMG	153,999	153,999	153,999	153,999	153,999	153,999	153,999	153,999	162,055	161,791	162,055	153,999
All-Other	0	0	0	0	0	0	0	0	0	0	0	0
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	374,613	374,613	374,613	369,305	368,853	363,613	353,382	342,766	321,834	313,991	261,372	229,227
Demand	374,613	374,613	374,613	369,305	368,853	363,613	353,382	342,766	321,834	268,986	221,372	184,327
O/U	0	0	0	0	0	0	0	0	0	45,005	40,000	44,900

Year 2

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	56,783	56,608	56,602	51,483	111,461	111,855	112,200	112,200	112,200	112,200	78,643	40,191
Stanfield	40,337	40,337	40,337	40,337	40,337	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	70,114	70,114	43,289	34,670	40,000	40,000
IMG	215,207	215,207	215,207	215,207	155,207	155,207	161,460	157,229	163,263	162,036	160,119	155,207
All-Other	747	729	715	553	497	473	437	375	298	185	108	40
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	383,188	382,995	382,975	377,694	377,616	371,918	361,492	349,918	329,050	309,092	278,870	235,437
LDC	383,188	382,995	382,975	377,694	377,616	371,918	361,492	349,918	329,050	274,422	225,190	186,886
O/U	0	0	0	0	0	0	0	0	0	34,670	53,680	48,557

Year 3

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	84,423	38,032
Stanfield	40,337	40,337	40,337	40,337	46,660	34,270	17,281	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	77,875	70,414	49,023	40,000	40,000	38,328
IMG	166,867	166,725	166,745	161,763	155,529	162,090	160,622	163,585	163,585	163,585	155,529	155,529
All-Other	2,227	2,173	2,132	1,647	1,482	1,409	1,302	1,117	887	552	322	119
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	391,745	391,549	391,528	386,061	385,985	380,083	369,280	357,316	335,695	316,337	280,274	232,008
LDC	391,745	391,549	391,528	386,061	385,985	380,083	369,280	357,316	335,695	279,145	228,197	188,558
O/U	0	0	0	0	0	0	0	0	0	37,192	52,077	43,450

Year 4

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	40,771
Stanfield	40,337	40,337	40,337	40,337	52,971	34,270	17,281	10,000	10,000	6,530	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	70,114	84,483	76,180	54,259	40,000	40,000	36,466
IMG	173,399	173,317	173,379	168,697	156,322	164,378	160,739	164,378	164,378	164,378	156,322	156,322
All-Other	4,484	4,376	4,294	3,318	2,985	2,837	2,623	2,249	1,786	1,112	649	240
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	400,535	400,344	400,324	394,666	394,592	388,512	377,326	365,007	342,623	324,220	283,071	233,798
LDC	400,535	400,344	400,324	394,666	394,592	388,512	377,326	365,007	342,623	284,220	231,605	190,670
O/U	0	0	0	0	0	0	0	0	0	40,000	51,466	43,128

Year 5

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	44,133
Stanfield	40,337	40,337	40,337	40,337	54,737	34,270	17,281	10,000	10,000	10,124	0	0
Rockies	70,114	70,114	70,114	70,114	74,319	88,761	86,481	81,668	59,285	40,000	40,000	36,466
IMG	180,011	179,992	180,100	175,799	157,630	157,630	165,686	165,686	165,686	165,686	157,630	157,630
All-Other	7,027	6,857	6,728	5,199	4,678	4,446	4,110	3,524	2,799	1,743	1,017	375
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	409,690	409,500	409,480	403,639	403,564	397,307	385,758	373,078	349,970	329,753	284,747	238,604
LDC	409,690	409,500	409,480	403,639	403,564	397,307	385,758	373,078	349,970	289,753	235,505	193,300
O/U	0	0	0	0	0	0	0	0	0	40,000	49,242	45,304

Lateral Capacity Summary By Year
2019-2023 IGC IRP / Weather: Normal / Growth: Base / Price: Base

Year	1	2019
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	181,541	296,029	0	0	296,029	0
Canyon	58,260	98,000	0	0	98,000	0
Idaho Falls (W LNG)	54,959	88,400	0	0	88,400	0
Sun Valley	11,661	19,878	0	0	19,878	0
State St	33,872	73,000	0	0	73,000	0
Ada	34,320	70,000	0	0	70,000	0
	374,613	645,307	0	0	645,307	0

Year	2	2020
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	184,515	296,029	0	0	296,029	0
Canyon	59,881	98,000	0	0	98,000	0
Idaho Falls (W LNG)	56,205	88,400	0	0	88,400	0
Sun Valley	12,134	19,878	0	0	19,878	0
State St	34,748	73,000	0	0	73,000	0
Ada	35,705	70,000	0	0	70,000	0
	383,188	645,307	0	0	645,307	0

Year	3	2021
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	188,682	296,029	0	0	296,029	0
Canyon	61,604	98,000	0	0	98,000	0
Idaho Falls (W LNG)	57,389	88,400	0	0	88,400	0
Sun Valley	12,400	19,878	2,122	0	22,000	0
State St	35,646	73,000	0	0	73,000	0
Ada	36,026	70,000	0	0	70,000	0
	391,745	645,307	2,122	0	647,429	0

Year	4	2022
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	192,448	296,029	0	0	296,029	0
Canyon	63,549	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	58,400	88,400	0	0	88,400	0
Sun Valley	12,641	19,878	2,122	0	22,000	0
State St	36,569	73,000	0	0	73,000	0
Ada	36,928	70,000	8,000	0	78,000	0
	400,535	645,307	18,122	0	663,429	0

Year	5	2023
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	196,286	296,029	0	0	296,029	0
Canyon	65,528	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	59,634	88,400	5,600	0	94,000	0
Sun Valley	12,864	19,878	2,122	0	22,000	0
State St	37,518	73,000	4,000	0	77,000	0
Ada	37,860	70,000	8,000	0	78,000	0
	409,690	645,307	27,722	0	673,029	0

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Normal

Growth: High

Price: Base

Year	Year #	Period	Idaho Falls		Sun Valley		Sun Valley		Canyon		All-Other		All-Other		State St.		Central Ada		Total Company	
			Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2019	1	1	54,963	54,963	12,400	12,400	58,260	58,260	180,790	180,790	33,877	33,877	34,323	34,323	374,613	374,613	374,613	374,613		
2019	1	2	54,956	54,956	12,399	12,399	58,260	58,260	180,804	180,804	33,874	33,874	34,320	34,320	374,613	374,613	374,613	374,613		
2019	1	3	54,953	109,501	12,395	24,789	58,260	115,717	180,833	362,489	33,862	67,724	34,310	68,620	374,613	748,840	374,613	748,840		
2019	1	4	54,329	270,342	12,387	61,927	57,457	286,901	179,960	892,213	33,862	166,058	34,310	168,270	369,305	1,845,711	369,305	1,845,711		
2019	1	5	53,684	426,878	12,362	98,158	56,654	451,329	179,640	1,428,592	33,043	259,430	33,485	262,142	368,868	2,926,529	368,868	2,926,529		
2019	1	6	53,041	735,820	12,156	168,005	55,850	771,376	179,270	2,445,860	31,456	436,836	31,876	441,914	363,649	4,999,811	363,649	4,999,811		
2019	1	7	51,697	1,569,032	11,951	359,084	55,012	1,672,910	173,063	5,372,246	30,629	924,361	31,030	934,695	353,382	10,832,328	353,382	10,832,328		
2019	1	8	49,773	1,357,929	11,152	306,274	52,637	1,435,934	172,403	4,670,286	28,206	755,584	28,595	763,826	342,766	9,289,833	342,766	9,289,833		
2019	1	9	47,401	2,597,945	10,718	565,183	49,496	2,795,789	162,737	9,378,637	25,672	1,322,278	26,055	1,335,704	322,079	17,995,536	322,079	17,995,536		
2019	1	10	39,691	2,217,596	8,229	434,030	42,193	2,373,155	142,124	8,249,292	18,409	884,042	18,626	893,701	269,272	15,051,816	269,272	15,051,816		
2019	1	11	33,760	1,855,355	6,198	310,400	35,120	1,941,692	124,472	7,130,516	10,930	466,168	11,196	474,986	221,676	12,179,117	221,676	12,179,117		
2019	1	12	28,046	2,324,621	4,240	302,561	29,488	2,598,293	112,057	9,774,573	5,301	373,790	5,507	392,492	184,639	15,766,330	184,639	15,766,330		
2020	2	1	56,637	56,637	12,217	12,217	60,177	60,177	186,179	186,179	35,122	35,122	35,945	35,945	386,277	386,277	386,277	386,277		
2020	2	2	56,629	56,629	12,213	12,213	60,172	60,172	186,757	186,757	35,119	35,119	35,126	35,126	386,016	386,016	386,016	386,016		
2020	2	3	56,626	113,249	12,212	24,422	60,167	119,544	186,770	374,333	35,091	70,179	35,124	70,227	385,990	771,954	385,990	771,954		
2020	2	4	56,604	281,080	12,017	60,060	59,373	296,730	182,537	919,521	35,085	172,135	35,097	173,829	380,713	1,903,355	380,713	1,903,355		
2020	2	5	55,936	444,947	12,003	95,785	58,531	466,246	185,638	1,468,875	34,232	268,786	34,268	271,579	380,608	3,016,218	380,608	3,016,218		
2020	2	6	55,296	769,781	11,795	163,362	57,599	796,779	184,044	2,512,900	32,609	452,691	33,424	458,824	374,767	5,154,337	374,767	5,154,337		
2020	2	7	54,626	1,660,447	11,574	349,057	56,746	1,726,467	177,904	5,497,339	31,751	957,401	31,797	968,854	364,398	11,159,565	364,398	11,159,565		
2020	2	8	52,434	1,429,810	10,900	295,991	54,360	1,478,619	175,452	4,780,209	29,234	782,235	30,097	791,284	352,477	9,558,148	352,477	9,558,148		
2020	2	9	49,890	2,748,195	10,298	539,251	51,026	2,869,833	167,254	9,584,264	26,512	1,367,342	26,738	1,368,806	331,718	18,477,691	331,718	18,477,691		
2020	2	10	41,041	2,315,120	7,706	401,814	43,038	2,421,832	146,687	8,441,604	19,065	912,759	18,958	906,026	276,495	15,399,155	276,495	15,399,155		
2020	2	11	34,880	1,904,264	5,665	272,193	35,777	1,969,021	127,631	7,311,647	11,214	480,514	11,539	483,647	226,706	12,421,286	226,706	12,421,286		
2020	2	12	28,674	2,396,804	3,582	240,989	29,801	2,647,880	114,875	10,119,714	5,457	387,424	5,574	387,229	187,963	16,180,040	187,963	16,180,040		
2021	3	1	58,213	58,213	12,594	12,594	62,352	62,352	191,955	191,955	36,414	36,414	36,517	36,517	398,043	398,043	398,043	398,043		
2021	3	2	58,204	58,204	12,589	12,589	62,346	62,346	191,712	191,712	36,412	36,412	36,515	36,515	397,776	397,776	397,776	397,776		
2021	3	3	58,202	116,400	12,588	25,174	62,341	123,842	191,745	384,310	36,382	72,761	36,493	72,983	397,749	795,470	397,749	795,470		
2021	3	4	58,179	288,872	12,386	61,905	61,498	307,343	187,296	945,310	36,376	178,465	36,488	179,006	392,221	1,960,899	392,221	1,960,899		
2021	3	5	57,484	457,214	12,372	98,728	60,603	482,701	190,564	1,510,882	35,491	278,663	35,606	278,757	392,118	3,106,945	392,118	3,106,945		
2021	3	6	56,817	790,887	12,157	168,357	59,613	824,367	189,701	2,584,197	33,806	469,296	33,910	469,983	386,002	5,307,087	386,002	5,307,087		
2021	3	7	56,119	1,705,411	11,928	359,983	58,708	1,785,202	182,452	5,649,759	32,915	992,458	33,010	993,613	375,130	11,486,124	375,130	11,486,124		
2021	3	8	53,839	1,467,592	11,231	304,906	56,172	1,526,660	180,717	4,907,199	30,303	810,771	30,415	811,554	362,675	9,828,682	362,675	9,828,682		
2021	3	9	51,192	2,815,639	10,607	554,991	52,632	2,952,612	171,381	9,799,189	27,476	1,416,646	27,627	1,417,822	340,913	18,956,897	340,913	18,956,897		
2021	3	10	41,984	2,365,114	7,923	412,777	44,148	2,476,799	149,599	8,588,501	19,745	944,717	19,699	946,984	283,096	15,734,890	283,096	15,734,890		
2021	3	11	35,575	1,937,678	5,815	278,618	36,434	1,995,906	129,771	7,406,787	11,595	495,993	11,800	502,292	230,988	12,617,272	230,988	12,617,272		
2021	3	12	29,122	2,402,912	3,657	242,854	30,089	2,639,014	116,144	10,095,165	5,618	394,114	5,814	413,161	190,442	16,187,220	190,442	16,187,220		

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Normal

Growth: High

Price: Base

Year	Year #	Period	Idaho Falls		Sun Valley		Sun Valley		Canyon		All-Other		All-Other		State St.		State St.		Central Ada		Central Ada		Total Company	
			Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2022	4	1	59,635	59,635	12,960	12,960	64,612	64,612	197,686	197,686	37,756	37,756	37,756	37,756	37,685	37,685	37,685	37,685	410,334	410,334	410,334	410,334	410,334	410,334
2022	4	2	59,626	59,626	12,955	12,955	64,606	64,606	197,447	197,447	37,753	37,753	37,753	37,753	37,683	37,683	37,683	37,683	410,070	410,070	410,070	410,070	410,070	410,070
2022	4	3	59,623	119,243	12,954	25,906	64,601	128,310	197,481	395,837	37,723	75,443	37,723	75,443	37,660	75,317	37,660	75,317	410,042	820,056	410,042	820,056	410,042	820,056
2022	4	4	59,600	295,897	12,744	63,696	63,705	318,374	192,838	973,349	37,716	185,036	37,716	185,036	37,655	184,731	37,655	184,731	404,258	2,021,083	404,258	2,021,083	404,258	2,021,083
2022	4	5	58,878	466,256	12,730	101,588	62,756	499,805	196,250	1,555,749	36,797	288,912	36,797	288,912	36,744	287,672	36,744	287,672	404,155	3,201,982	404,155	3,201,982	404,155	3,201,982
2022	4	6	58,184	809,854	12,508	173,216	61,708	853,040	195,347	2,659,815	35,048	486,535	35,048	486,535	34,994	485,005	34,994	485,005	397,789	5,467,465	397,789	5,467,465	397,789	5,467,465
2022	4	7	57,459	1,745,636	12,271	370,026	60,748	1,846,285	187,738	5,813,653	34,123	1,028,849	34,123	1,028,849	34,064	1,025,356	34,064	1,025,356	386,403	11,829,805	386,403	11,829,805	386,403	11,829,805
2022	4	8	55,093	1,501,045	11,553	313,589	58,053	1,576,637	185,950	5,046,073	31,412	840,379	31,412	840,379	31,386	837,460	31,386	837,460	373,447	10,115,183	373,447	10,115,183	373,447	10,115,183
2022	4	9	52,338	2,873,797	10,907	570,385	54,297	3,038,773	176,131	10,059,123	28,477	1,467,818	28,477	1,467,818	28,508	1,462,967	28,508	1,462,967	350,658	19,472,863	350,658	19,472,863	350,658	19,472,863
2022	4	10	42,771	2,405,667	8,135	423,537	45,310	2,534,138	153,307	8,791,333	20,451	977,895	20,451	977,895	20,324	976,949	20,324	976,949	290,298	16,109,519	290,298	16,109,519	290,298	16,109,519
2022	4	11	36,112	1,961,394	5,962	284,934	37,117	2,023,935	132,548	7,552,427	11,991	512,061	11,991	512,061	12,171	517,926	12,171	517,926	235,901	12,852,677	235,901	12,852,677	235,901	12,852,677
2022	4	12	29,409	2,418,659	3,730	246,677	30,388	2,659,073	118,271	10,264,600	5,786	404,857	5,786	404,857	5,991	425,636	5,991	425,636	193,575	16,419,502	193,575	16,419,502	193,575	16,419,502
2023	5	1	61,294	61,294	13,324	13,324	66,924	66,924	204,134	204,134	39,148	39,148	39,148	39,148	38,897	38,897	38,897	38,897	423,721	423,721	423,721	423,721	423,721	423,721
2023	5	2	61,285	61,285	13,320	13,320	66,918	66,918	203,893	203,893	39,146	39,146	39,146	39,146	38,894	38,894	38,894	38,894	423,456	423,456	423,456	423,456	423,456	423,456
2023	5	3	61,282	122,561	13,319	26,636	66,913	132,879	203,930	408,790	39,114	78,225	39,114	78,225	38,871	77,739	38,871	77,739	423,429	846,830	423,429	846,830	423,429	846,830
2023	5	4	61,258	304,110	13,102	65,485	65,963	329,659	199,097	1,004,969	39,107	191,856	39,107	191,856	38,865	190,670	38,865	190,670	417,392	2,086,749	417,392	2,086,749	417,392	2,086,749
2023	5	5	60,508	481,203	13,088	104,442	64,958	517,296	202,655	1,606,373	38,153	299,553	38,153	299,553	37,926	296,920	37,926	296,920	417,288	3,305,787	417,288	3,305,787	417,288	3,305,787
2023	5	6	59,788	832,149	12,858	178,062	63,851	882,372	201,718	2,745,678	36,337	504,429	36,337	504,429	36,118	500,597	36,118	500,597	410,670	5,643,287	410,670	5,643,287	410,670	5,643,287
2023	5	7	59,036	1,793,212	12,615	380,344	62,835	1,908,785	193,759	6,000,402	35,377	1,066,626	35,377	1,066,626	35,159	1,058,315	35,159	1,058,315	398,781	12,207,684	398,781	12,207,684	398,781	12,207,684
2023	5	8	56,593	1,541,162	11,874	322,255	59,980	1,627,780	191,924	5,206,057	32,562	871,106	32,562	871,106	32,394	864,367	32,394	864,367	385,317	10,432,727	385,317	10,432,727	385,317	10,432,727
2023	5	9	53,722	2,946,259	11,206	585,733	56,003	3,126,974	181,653	10,367,324	29,516	1,520,925	29,516	1,520,925	29,424	1,509,941	29,424	1,509,941	361,524	20,057,156	361,524	20,057,156	361,524	20,057,156
2023	5	10	43,793	2,460,419	8,348	434,281	46,498	2,592,812	157,835	9,045,054	21,184	1,012,329	21,184	1,012,329	20,977	1,008,261	20,977	1,008,261	298,635	16,563,156	298,635	16,563,156	298,635	16,563,156
2023	5	11	36,882	1,999,285	6,109	291,289	37,817	2,052,576	136,192	7,751,986	12,401	528,745	12,401	528,745	12,561	534,442	12,561	534,442	241,962	13,168,323	241,962	13,168,323	241,962	13,168,323
2023	5	12	29,926	2,455,335	3,805	250,529	30,695	2,679,318	121,298	10,517,362	5,960	416,008	5,960	416,008	6,181	439,088	6,181	439,088	197,965	16,757,640	197,965	16,757,640	197,965	16,757,640

Year 3

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	41,794
Stanfield	40,337	40,337	40,337	40,337	52,793	34,270	17,281	10,000	10,000	1,429	0	0
Rockies	70,114	70,114	70,114	70,114	70,114	74,538	84,400	75,773	54,241	40,000	40,000	40,000
IMG	173,165	172,962	172,966	167,923	155,529	163,585	159,947	163,585	163,585	163,585	155,529	155,529
All-Other	2,227	2,173	2,132	1,647	1,482	1,409	1,302	1,117	887	552	322	119
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	398,043	397,776	397,749	392,221	392,118	386,002	375,130	362,675	340,913	317,766	281,951	237,442
LDC	398,043	397,776	397,749	392,221	392,118	386,002	375,130	362,675	340,913	283,096	230,988	190,442
O/U	0	0	0	0	0	0	0	0	0	34,670	50,963	47,000

Year 4

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	47,622
Stanfield	40,337	40,337	40,337	40,337	54,737	34,270	17,281	10,000	10,000	12,608	0	0
Rockies	70,114	70,114	70,114	70,114	77,911	92,160	89,921	84,620	62,294	40,000	40,000	36,466
IMG	183,198	183,043	183,097	178,289	156,322	156,322	164,378	164,378	164,378	164,378	156,322	156,322
All-Other	4,484	4,376	4,294	3,318	2,985	2,837	2,623	2,249	1,786	1,112	649	240
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	410,334	410,070	410,042	404,258	404,155	397,789	386,403	373,447	350,658	330,298	283,071	240,650
LDC	410,334	410,070	410,042	404,258	404,155	397,789	386,403	373,447	350,658	290,298	235,901	193,575
O/U	0	0	0	0	0	0	0	0	0	40,000	47,170	47,075

Year 5

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	54,334
Stanfield	40,337	40,337	40,337	40,337	54,737	34,270	17,281	10,000	10,000	19,006	0	0
Rockies	70,114	70,114	70,114	70,114	79,987	94,068	105,221	93,907	70,839	40,000	40,000	36,466
IMG	194,042	193,948	194,049	189,542	165,686	165,686	159,968	165,686	165,686	165,686	157,630	157,630
All-Other	7,027	6,857	6,728	5,199	4,678	4,446	4,110	3,524	2,799	1,743	1,017	375
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	423,721	423,456	423,429	417,392	417,288	410,670	398,781	385,317	361,524	338,635	284,747	248,805
LDC	423,721	423,456	423,429	417,392	417,288	410,670	398,781	385,317	361,524	298,635	241,962	197,865
O/U	0	0	0	0	0	0	0	0	0	40,000	42,785	50,941

Lateral Capacity Summary By Year
2019-2023 IGC IRP / Weather: Normal / Growth: High / Price: Base

Year	1	2019
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	180,790	296,029	0	0	296,029	0
Canyon	58,260	98,000	0	0	98,000	0
Idaho Falls (W LNG)	54,963	88,400	0	0	88,400	0
Sun Valley	12,400	19,878	0	0	19,878	0
State St	33,877	73,000	0	0	73,000	0
Ada	34,323	70,000	0	0	70,000	0
	374,613	645,307	0	0	645,307	0

Year	2	2020
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	186,179	296,029	0	0	296,029	0
Canyon	60,177	98,000	0	0	98,000	0
Idaho Falls (W LNG)	56,637	88,400	0	0	88,400	0
Sun Valley	12,217	19,878	0	0	19,878	0
State St	35,122	73,000	0	0	73,000	0
Ada	35,945	70,000	0	0	70,000	0
	386,277	645,307	0	0	645,307	0

Year	3	2021
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	191,955	296,029	0	0	296,029	0
Canyon	62,352	98,000	0	0	98,000	0
Idaho Falls (W LNG)	58,213	88,400	0	0	88,400	0
Sun Valley	12,594	19,878	2,122	0	22,000	0
State St	36,414	73,000	0	0	73,000	0
Ada	36,517	70,000	0	0	70,000	0
	398,043	645,307	2,122	0	647,429	0

Year	4	2022
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	197,686	296,029	0	0	296,029	0
Canyon	64,612	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	59,635	88,400	0	0	88,400	0
Sun Valley	12,960	19,878	2,122	0	22,000	0
State St	37,756	73,000	0	0	73,000	0
Ada	37,685	70,000	8,000	0	78,000	0
	410,334	645,307	18,122	0	663,429	0

Year	5	2023
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	204,134	296,029	0	0	296,029	0
Canyon	66,924	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	61,294	88,400	5,600	0	94,000	0
Sun Valley	13,324	19,878	2,122	0	22,000	0
State St	39,148	73,000	4,000	0	77,000	0
Ada	38,897	70,000	8,000	0	78,000	0
	423,721	645,307	27,722	0	673,029	0

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Design

Growth: Low

Price: Base		Total Company														
Year	Year #	Period	Idaho Falls Peak	Idaho Falls Flow	Sun Valley Peak	Sun Valley Flow	Canyon Peak	Canyon Flow	All-Other Peak	All-Other Flow	State St. Peak	State St. Flow	Central Ada Peak	Central Ada Flow	Peak	Flow
2019	1	1	80,673	80,673	19,218	19,218	88,643	88,643	260,503	260,503	65,835	65,835	66,026	66,026	580,898	580,898
2019	1	2	78,038	78,038	18,798	18,798	87,846	87,846	255,409	255,409	65,018	65,018	65,208	65,208	570,317	570,317
2019	1	3	76,057	148,822	18,588	36,755	87,836	174,886	252,286	505,447	65,014	129,214	65,204	129,595	564,985	1,124,719
2019	1	4	70,129	313,054	17,537	70,660	84,650	373,509	237,257	1,063,613	61,744	257,999	61,935	258,852	533,252	2,337,587
2019	1	5	60,232	472,664	12,912	101,415	70,229	555,276	205,634	1,612,062	46,997	369,365	47,188	370,888	3,481,670	3,481,670
2019	1	6	58,250	800,656	12,495	173,459	67,837	929,247	199,290	2,780,881	44,544	602,958	44,735	605,624	5,892,825	5,892,825
2019	1	7	56,297	1,693,804	12,288	378,129	64,687	1,944,087	200,505	5,945,427	41,277	1,216,438	41,740	1,222,118	416,794	12,400,003
2019	1	8	53,033	1,463,537	12,080	334,940	58,269	1,564,626	186,792	5,008,985	34,732	903,565	34,923	905,446	379,829	10,181,099
2019	1	9	51,552	2,727,337	11,629	583,798	53,524	3,024,712	171,567	9,937,327	29,841	1,575,417	30,033	1,586,118	348,146	19,434,709
2019	1	10	39,848	2,219,656	7,725	401,654	46,209	2,496,343	145,835	8,239,330	22,396	1,034,769	22,663	1,043,888	284,676	15,435,640
2019	1	11	31,989	1,850,829	5,373	281,017	35,214	2,058,158	131,399	7,305,510	11,045	586,890	11,237	598,545	226,257	12,680,949
2019	1	12	28,630	2,317,751	3,675	222,294	31,836	2,616,724	109,354	9,527,579	7,698	391,277	7,889	408,798	189,082	15,484,423
2020	2	1	81,804	81,804	19,376	19,376	91,304	91,304	261,851	261,851	66,915	66,915	67,125	67,125	588,375	588,375
2020	2	2	79,132	79,132	18,953	18,953	90,474	90,474	256,648	256,648	66,084	66,084	66,294	66,294	577,585	577,585
2020	2	3	77,123	150,909	18,741	37,057	90,463	180,107	253,450	507,782	66,080	131,333	66,290	131,753	572,147	1,138,941
2020	2	4	71,113	317,451	17,681	71,227	87,143	383,883	238,131	1,065,957	62,755	262,107	62,965	263,137	539,788	2,363,762
2020	2	5	61,077	479,307	13,015	102,219	72,116	570,090	206,010	1,614,447	47,763	375,375	47,967	377,008	447,948	3,518,446
2020	2	6	59,068	813,653	12,594	176,259	69,624	953,386	199,558	2,780,090	45,268	612,750	45,472	615,595	431,584	9,951,733
2020	2	7	57,721	1,755,182	12,387	383,795	66,310	1,989,023	200,189	5,910,444	41,946	1,235,808	42,149	1,235,481	420,702	12,509,733
2020	2	8	55,699	1,529,671	12,373	340,164	59,653	1,599,443	184,172	4,953,221	35,291	917,892	35,491	919,359	382,679	10,259,750
2020	2	9	53,117	2,858,766	11,755	593,711	54,713	3,080,334	170,602	9,810,759	30,320	1,599,012	30,520	1,611,113	351,027	19,553,695
2020	2	10	41,642	2,303,362	7,918	408,420	46,869	2,530,072	144,305	8,117,637	22,693	1,049,018	22,890	1,065,096	286,317	15,473,605
2020	2	11	32,454	1,877,424	5,411	282,837	35,637	2,079,900	129,954	7,241,505	11,210	595,455	12,072	611,314	226,738	12,688,435
2020	2	12	29,040	2,375,315	3,697	225,202	32,110	2,656,574	108,144	9,505,775	7,806	399,543	8,027	421,576	188,824	15,583,985
2021	3	1	82,892	82,892	19,546	19,546	94,192	94,192	265,379	265,379	68,013	68,013	68,282	68,282	598,302	598,302
2021	3	2	80,179	80,179	19,118	19,118	93,326	93,326	260,064	260,064	67,168	67,168	67,436	67,436	587,289	587,289
2021	3	3	78,139	152,888	18,904	37,380	93,315	185,774	256,790	514,465	67,164	133,487	67,432	134,022	581,742	1,158,016
2021	3	4	72,037	321,482	17,835	71,834	89,850	395,163	241,158	1,078,968	63,784	266,386	64,050	267,681	548,712	2,401,512
2021	3	5	61,847	485,315	13,125	103,080	74,169	586,220	208,506	1,633,787	48,541	381,487	48,797	383,531	454,983	3,573,420
2021	3	6	59,807	823,783	12,699	177,742	71,568	979,688	201,961	2,813,555	46,005	622,706	46,260	626,260	438,298	6,043,734
2021	3	7	58,440	1,776,866	12,490	387,009	68,108	2,041,960	202,655	5,981,120	42,627	1,255,837	42,881	1,256,931	427,199	12,699,721
2021	3	8	56,385	1,548,357	12,476	342,998	61,163	1,638,602	186,393	5,012,446	35,861	932,686	36,109	934,560	388,385	10,409,649
2021	3	9	53,760	2,892,116	11,852	598,482	56,002	3,147,961	172,577	9,927,142	30,806	1,624,500	31,052	1,631,595	356,047	19,821,794
2021	3	10	42,108	2,328,048	7,979	411,437	47,822	2,573,616	145,734	8,205,825	23,052	1,065,312	23,292	1,073,045	289,985	15,657,281
2021	3	11	32,775	1,895,644	5,447	284,660	36,090	2,103,870	131,896	7,307,303	11,377	604,167	11,613	618,428	229,196	12,814,070
2021	3	12	29,314	2,371,282	3,718	224,109	32,420	2,643,201	108,996	9,477,466	7,916	400,682	8,149	421,827	190,511	15,538,567

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Design

Growth: Low

Year	Year #	Period	Idaho Falls		Sun Valley		Canyon		All-Other		State St.		Central Ada		Central Ada		Total Company	
			Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2022	4	1	83,765	19,702	19,702	19,702	97,063	97,063	267,974	267,974	69,130	69,130	69,456	69,456	607,090	607,090		
2022	4	2	81,013	19,271	19,271	19,271	96,161	96,161	262,558	262,558	68,271	68,271	68,596	68,596	595,870	595,870		
2022	4	3	78,945	19,055	19,055	19,055	96,150	96,150	259,214	259,214	68,267	68,267	68,592	68,592	590,223	590,223		
2022	4	4	72,754	17,976	17,976	17,976	92,541	92,541	243,321	243,321	64,830	64,830	65,152	65,152	556,574	556,574		
2022	4	5	62,419	13,226	13,226	13,226	76,212	76,212	210,271	210,271	49,332	49,332	49,640	49,640	461,100	461,100		
2022	4	6	60,350	12,797	12,797	12,797	73,502	73,502	203,652	203,652	46,754	46,754	47,060	47,060	444,115	444,115		
2022	4	7	58,964	12,585	12,585	12,585	69,899	69,899	204,427	204,427	43,319	43,319	43,623	43,623	432,817	432,817		
2022	4	8	56,881	12,573	12,573	12,573	62,664	62,664	188,005	188,005	36,441	36,441	36,736	36,736	393,300	393,300		
2022	4	9	54,214	11,941	11,941	11,941	57,288	57,288	173,958	173,958	31,301	31,301	31,593	31,593	360,295	360,295		
2022	4	10	42,402	8,037	8,037	8,037	48,784	48,784	146,654	146,654	23,417	23,417	23,701	23,701	292,995	292,995		
2022	4	11	32,925	5,479	5,479	5,479	36,548	36,548	132,764	132,764	11,546	11,546	11,823	11,823	231,085	231,085		
2022	4	12	29,419	3,738	3,738	3,738	32,732	32,732	109,471	109,471	8,028	8,028	8,300	8,300	191,688	191,688		
2023	5	1	84,825	19,843	19,843	19,843	99,944	99,944	270,782	270,782	70,266	70,266	70,658	70,658	616,318	616,318		
2023	5	2	82,035	19,409	19,409	19,409	99,005	99,005	265,281	265,281	69,393	69,393	69,783	69,783	604,906	604,906		
2023	5	3	79,939	19,192	19,192	19,192	98,994	98,994	261,872	261,872	69,388	69,388	69,779	69,779	599,164	599,164		
2023	5	4	73,665	18,104	18,104	18,104	95,240	95,240	245,754	245,754	65,894	65,894	66,281	66,281	564,938	564,938		
2023	5	5	63,190	13,318	13,318	13,318	78,260	78,260	212,422	212,422	50,137	50,137	50,505	50,505	467,832	467,832		
2023	5	6	61,093	12,885	12,885	12,885	75,442	75,442	205,746	205,746	47,515	47,515	47,880	47,880	450,561	450,561		
2023	5	7	59,688	12,672	12,672	12,672	71,694	71,694	206,608	206,608	44,024	44,024	44,385	44,385	439,071	439,071		
2023	5	8	57,578	12,660	12,660	12,660	64,171	64,171	190,077	190,077	37,030	37,030	37,381	37,381	398,897	398,897		
2023	5	9	54,874	12,023	12,023	12,023	58,580	58,580	175,866	175,866	31,804	31,804	32,150	32,150	365,297	365,297		
2023	5	10	42,905	8,090	8,090	8,090	49,744	49,744	148,191	148,191	23,789	23,789	24,124	24,124	296,843	296,843		
2023	5	11	33,299	5,511	5,511	5,511	37,011	37,011	134,295	134,295	11,719	11,719	12,044	12,044	233,879	233,879		
2023	5	12	29,744	3,756	3,756	3,756	33,045	33,045	110,663	110,663	8,142	8,142	8,461	8,461	193,811	193,811		

Summary of Supply Demand Balance by LDC Period by Area
2019-2023 IGC IRP / Weather: Design / Growth: Low / Price: Base
Storage Injections are reflected in excess supply summer
Storage Injections Equal Excess Supply

Year 1

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1		Period 2		Period 3		Period 4		Period 5		Period 6		Period 7		Period 8		Period 9		Period 10		Period 11		Period 12	
	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area
Sumas	0		0		0		0		0		0		0		0		0		0		5,091		0	
AECO	112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		78,203	
Stanfield	184,585		174,004		168,672		136,939		58,823		42,782		32,425		10,000		10,000		10,000		0		0	
Rockies	70,114		70,114		70,114		70,114		110,114		110,114		110,114		101,904		63,891		40,000		40,000		40,000	
IMG	213,999		213,999		213,999		213,999		162,055		162,055		162,055		155,725		162,055		162,055		153,999		153,999	
All-Other	0		0		0		0		0		0		0		0		0		0		0		0	
Canyon	0		0		0		0		0		0		0		0		0		0		0		0	
Idaho Falls	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	
State St	0		0		0		0		0		0		0		0		0		0		0		0	
Ada	0		0		0		0		0		0		0		0		0		0		0		0	
Totals	580,898		570,317		564,985		533,252		443,192		427,151		416,794		379,829		348,146		319,346		272,202		255,075	
Demand	580,898		570,317		564,985		533,252		443,192		427,151		416,794		379,829		348,146		284,676		226,257		189,082	
O/U	0		0		0		0		0		0		0		0		0		34,670		45,945		65,993	

Year 2

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	Period 1		Period 2		Period 3		Period 4		Period 5		Period 6		Period 7		Period 8		Period 9		Period 10		Period 11		Period 12	
	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area	Supply	Area
Sumas	0		0		0		0		0		0		0		0		0		0		0		0	
AECO	112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		112,200		86,100	
Stanfield	190,107		179,335		173,911		141,715		61,874		45,535		34,689		10,000		10,000		10,000		5,340		0	
Rockies	70,114		70,114		70,114		70,114		110,114		110,114		110,114		103,172		65,267		40,000		40,000		40,000	
IMG	215,207		215,207		215,207		215,207		163,263		163,263		163,263		156,933		163,263		163,263		155,207		155,207	
All-Other	747		729		715		553		497		473		437		375		298		185		108		40	
Canyon	0		0		0		0		0		0		0		0		0		0		0		0	
Idaho Falls	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	
State St	0		0		0		0		0		0		0		0		0		0		0		0	
Ada	0		0		0		0		0		0		0		0		0		0		0		0	
Totals	588,375		577,585		572,147		539,788		447,948		431,584		420,702		382,679		351,027		320,987		281,415		249,519	
LDC	588,375		577,585		572,147		539,788		447,948		431,584		420,702		382,679		351,027		286,317		226,738		188,824	
O/U	0		0		0		0		0		0		0		0		0		34,670		54,677		60,695	

Year 3

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	57,556
Stanfield	195,512	187,273	181,767	149,222	67,602	50,990	39,998	10,000	10,000	8,318	0	0
Rockies	72,834	70,114	70,114	70,114	110,114	110,114	110,114	107,813	69,375	40,000	40,000	40,000
IMG	215,529	215,529	215,529	163,585	163,585	163,585	163,585	157,529	163,585	163,585	155,529	155,529
All-Other	2,227	2,173	2,132	1,647	1,482	1,409	1,302	1,117	887	552	322	119
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	598,302	587,289	581,742	548,712	454,983	438,298	427,199	388,385	356,047	324,655	281,951	253,204
LDC	598,302	587,289	581,742	548,712	454,983	438,298	427,199	388,385	356,047	289,985	229,196	190,511
O/U	0	0	0	0	0	0	0	0	0	34,670	52,755	62,693

Year 4

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	58,804
Stanfield	195,512	192,858	187,293	154,620	71,423	54,586	43,502	10,000	10,379	15,621	0	0
Rockies	78,572	70,114	70,114	70,114	110,114	110,114	110,114	110,114	71,551	40,000	40,000	36,466
IMG	216,322	216,322	216,322	164,378	164,378	164,378	164,378	158,737	164,378	164,061	156,322	156,322
All-Other	4,484	4,376	4,294	3,318	2,985	2,837	2,623	2,249	1,786	1,112	649	240
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	607,090	595,870	590,223	556,574	461,100	444,115	432,817	393,300	360,295	332,995	283,071	251,831
LDC	607,090	595,870	590,223	556,574	461,100	444,115	432,817	393,300	360,295	292,995	231,085	191,688
O/U	0	0	0	0	0	0	0	0	0	40,000	51,986	60,143

Year 5

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	60,647
Stanfield	195,512	195,512	192,492	159,795	75,154	58,115	46,961	10,000	13,060	18,914	0	0
Rockies	83,949	72,707	70,114	70,114	110,114	110,114	110,114	110,114	71,551	40,000	40,000	36,466
IMG	217,630	217,630	217,630	165,686	165,686	165,686	165,686	163,058	165,686	163,986	157,630	157,630
All-Other	7,027	6,857	6,728	5,199	4,678	4,446	4,110	3,524	2,799	1,743	1,017	375
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	616,318	604,906	599,164	564,938	467,832	450,561	439,071	398,897	365,297	336,843	284,747	255,118
LDC	616,318	604,906	599,164	564,938	467,832	450,561	439,071	398,897	365,297	296,843	233,879	193,811
O/U	0	0	0	0	0	0	0	0	0	40,000	50,868	61,308

Lateral Capacity Summary By Year
2019-2023 IGC IRP / Weather: Design / Growth: Low / Price: Base

Year	1	2019
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	260,503	296,029	0	0	296,029	0
Canyon	88,643	98,000	0	0	98,000	0
Idaho Falls (W LNG)	80,673	88,400	0	0	88,400	0
Sun Valley	19,218	19,878	0	0	19,878	0
State St	65,835	73,000	0	0	73,000	0
Ada	66,026	70,000	0	0	70,000	0
	580,898	645,307	0	0	645,307	0

Year	2	2020
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	261,851	296,029	0	0	296,029	0
Canyon	91,304	98,000	0	0	98,000	0
Idaho Falls (W LNG)	81,804	88,400	0	0	88,400	0
Sun Valley	19,376	19,878	0	0	19,878	0
State St	66,915	73,000	0	0	73,000	0
Ada	67,125	70,000	0	0	70,000	0
	588,375	645,307	0	0	645,307	0

Year	3	2021
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	265,379	296,029	0	0	296,029	0
Canyon	94,192	98,000	0	0	98,000	0
Idaho Falls (W LNG)	82,892	88,400	0	0	88,400	0
Sun Valley	19,546	19,878	2,122	0	22,000	0
State St	68,013	73,000	0	0	73,000	0
Ada	68,282	70,000	0	0	70,000	0
	598,302	645,307	2,122	0	647,429	0

Year	4	2022
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	267,974	296,029	0	0	296,029	0
Canyon	97,063	98,000	8,000	0	106,000	0
Idaho Falls (W LNG)	83,765	88,400	0	0	88,400	0
Sun Valley	19,702	19,878	2,122	0	22,000	0
State St	69,130	73,000	0	0	73,000	0
Ada	69,456	70,000	8,000	0	78,000	0
	607,090	645,307	18,122	0	663,429	0

Year	5	2023
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	270,782	296,029	0	0	296,029	0
Canyon	99,944	98,000	8,000	0	106,000	1,944
Idaho Falls (W LNG)	84,825	88,400	5,600	0	94,000	0
Sun Valley	19,843	19,878	2,122	0	22,000	0
State St	70,266	73,000	4,000	0	77,000	0
Ada	70,658	70,000	8,000	0	78,000	658
	616,318	645,307	27,722	0	673,029	2,602

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Design

Growth: High

Price: Base		Total Company														
Year	Year #	Period	Idaho Falls Peak	Idaho Falls Flow	Sun Valley Peak	Sun Valley Flow	Canyon Peak	Canyon Flow	All-Other Peak	All-Other Flow	State St. Peak	State St. Flow	Central Ada Peak	Central Ada Flow	Peak	Flow
2019	1	1	80,717	80,717	19,964	19,964	88,678	88,678	259,942	259,942	65,875	65,875	66,055	66,055	581,231	581,231
2019	1	2	78,082	78,082	19,544	19,544	87,883	87,883	254,855	254,855	65,060	65,060	65,239	65,239	570,663	570,663
2019	1	3	76,094	148,901	19,335	38,246	87,868	174,956	251,706	504,325	65,051	129,296	65,231	129,654	565,285	1,125,378
2019	1	4	70,172	313,220	18,285	74,366	84,689	373,659	236,705	1,060,648	61,789	258,070	61,967	258,975	533,607	3,338,938
2019	1	5	60,253	472,901	13,651	107,336	70,264	555,482	205,088	1,607,421	47,037	369,603	47,217	371,062	443,510	3,483,805
2019	1	6	58,263	801,106	13,239	183,923	67,876	929,582	198,532	2,771,394	44,589	603,347	44,767	605,903	427,266	5,995,255
2019	1	7	56,352	1,695,852	13,040	401,423	64,704	1,944,593	199,906	5,925,449	41,333	1,217,020	41,740	1,222,541	417,075	12,406,878
2019	1	8	53,144	1,464,886	12,840	355,712	58,325	1,566,059	185,846	4,991,747	34,796	905,216	34,969	906,640	379,920	10,190,260
2019	1	9	51,552	2,730,257	12,362	629,612	53,606	3,026,995	171,284	9,908,392	29,936	1,578,043	30,101	1,587,951	348,841	19,461,250
2019	1	10	39,952	2,223,925	8,458	447,627	46,209	2,499,427	145,732	8,208,419	22,396	1,038,320	22,733	1,046,525	285,480	15,454,243
2019	1	11	32,182	1,857,158	6,178	328,016	35,343	2,062,305	130,603	7,285,408	11,194	591,652	11,345	601,994	226,845	12,726,533
2019	1	12	28,705	2,322,573	4,432	291,021	31,885	2,619,498	108,826	9,474,095	7,755	394,430	7,930	411,086	189,533	15,512,703
2020	2	1	83,396	83,396	19,838	19,838	92,600	92,600	270,494	270,494	68,341	68,341	68,156	68,156	602,825	602,825
2020	2	2	80,658	80,658	19,404	19,404	91,757	91,757	265,143	265,143	67,494	67,494	67,314	67,314	591,770	591,770
2020	2	3	78,593	153,771	19,188	37,938	91,741	182,655	261,832	524,584	67,484	134,132	67,305	133,776	586,143	1,166,886
2020	2	4	72,440	323,093	18,102	72,874	88,368	389,015	246,062	1,100,937	64,099	267,679	63,936	267,165	553,007	2,420,763
2020	2	5	62,133	487,592	13,310	104,553	73,063	577,466	212,761	1,667,121	48,784	383,323	48,706	382,756	458,757	3,602,811
2020	2	6	60,065	827,397	12,885	180,198	70,530	965,459	205,861	2,869,939	46,243	625,699	46,177	624,958	441,761	6,093,650
2020	2	7	58,688	1,784,610	12,686	392,568	67,164	2,012,935	206,303	6,097,744	42,862	1,261,232	42,811	1,253,841	430,494	12,802,930
2020	2	8	56,565	1,555,671	12,634	348,150	60,394	1,618,562	189,479	5,104,407	36,075	937,968	36,056	933,829	391,203	10,498,587
2020	2	9	54,071	2,900,926	12,051	606,937	55,392	3,112,647	176,129	10,118,223	31,031	1,631,987	31,034	1,634,983	359,708	20,005,703
2020	2	10	42,112	2,333,669	8,056	416,885	47,260	2,552,857	149,784	8,361,399	23,075	1,070,961	23,166	1,081,024	293,453	15,816,795
2020	2	11	32,977	1,901,267	5,587	290,210	36,017	2,097,500	133,764	7,473,673	11,574	611,372	12,194	622,759	232,113	12,996,781
2020	2	12	29,359	2,394,563	3,780	229,046	32,344	2,670,389	111,394	9,783,268	8,004	408,850	8,197	428,425	193,078	15,914,641
2021	3	1	86,045	86,045	20,477	20,477	96,781	96,781	280,066	280,066	70,899	70,899	70,363	70,363	624,629	624,629
2021	3	2	83,198	83,198	20,028	20,028	95,886	95,886	274,435	274,435	70,021	70,021	69,493	69,493	613,059	613,059
2021	3	3	81,050	158,547	19,805	39,156	95,869	190,858	270,958	542,841	70,011	139,153	69,484	138,106	607,175	1,208,661
2021	3	4	74,649	332,566	18,681	75,161	92,286	405,337	254,377	1,135,717	66,496	277,651	66,005	275,803	572,492	2,502,233
2021	3	5	63,929	501,572	13,724	107,794	76,033	600,796	219,303	1,717,742	50,598	397,566	50,280	395,125	473,865	3,720,595
2021	3	6	61,778	850,828	13,284	185,783	73,343	1,003,496	212,070	2,955,834	47,959	648,902	47,669	645,148	456,101	6,289,991
2021	3	7	60,325	1,834,556	13,077	404,689	69,769	2,089,434	212,509	6,274,894	44,449	1,307,881	44,194	1,294,333	444,321	13,205,785
2021	3	8	58,136	1,598,491	13,025	358,859	62,580	1,675,260	194,836	5,244,470	37,405	972,467	37,221	963,113	403,201	10,812,660
2021	3	9	55,537	2,974,497	12,419	624,997	57,263	3,210,410	180,777	10,374,678	32,168	1,691,364	32,032	1,679,473	370,194	20,555,417
2021	3	10	43,100	2,384,313	8,288	428,355	48,631	2,615,647	152,988	8,529,612	23,908	1,108,953	23,909	1,104,313	300,822	16,171,391
2021	3	11	33,591	1,934,567	5,727	297,230	36,683	2,132,280	136,648	7,584,464	11,968	631,837	12,039	638,355	236,654	13,218,731
2021	3	12	29,834	2,400,701	3,862	230,523	32,789	2,662,904	112,677	9,766,504	8,262	416,354	8,398	433,116	195,820	15,910,102

INTERMOUNTAIN GAS COMPANY IRP

Load Duration Curve (MMBtu)

Weather: Design

Growth: High

Price: Base

Year	Year #	Period	Idaho Falls		Sun Valley		Canyon		All-Other		State St.		Central Ada		Total Company	
			Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow	Peak	Flow
2022	4	1	88,548	21,098	21,098	101,120	101,120	289,874	289,874	73,555	73,555	72,638	72,638	646,833	646,833	
2022	4	2	85,590	20,635	20,635	100,171	100,171	283,975	283,975	72,643	72,643	71,740	71,740	634,754	634,754	
2022	4	3	83,358	20,404	20,404	100,154	100,154	280,337	280,337	72,633	72,633	71,731	71,731	628,617	628,617	
2022	4	4	76,709	19,244	19,244	96,353	96,353	262,979	262,979	68,984	68,984	68,139	68,139	592,408	592,408	
2022	4	5	65,573	14,127	14,127	79,117	79,117	226,259	226,259	52,480	52,480	51,903	51,903	489,459	489,459	
2022	4	6	63,339	13,671	13,671	76,263	76,263	218,713	218,713	49,741	49,741	49,207	49,207	470,934	470,934	
2022	4	7	61,830	13,458	13,458	72,471	72,471	219,171	219,171	46,097	46,097	45,620	45,620	458,647	458,647	
2022	4	8	59,557	13,406	13,406	69,846	69,846	200,740	200,740	38,785	38,785	38,420	38,420	415,754	415,754	
2022	4	9	56,850	12,777	12,777	64,266	64,266	185,969	185,969	33,347	33,347	33,062	33,062	381,209	381,209	
2022	4	10	43,939	8,516	8,516	43,947	43,947	158,816	158,816	24,773	24,773	24,676	24,676	308,785	308,785	
2022	4	11	34,046	5,867	5,867	30,430	30,430	139,740	139,740	12,378	12,378	12,419	12,419	241,822	241,822	
2022	4	12	30,149	3,943	3,943	23,956	23,956	114,673	114,673	8,531	8,531	8,661	8,661	199,210	199,210	
2023	5	1	91,301	21,718	21,718	105,567	105,567	300,204	300,204	76,313	76,313	74,992	74,992	670,095	670,095	
2023	5	2	88,231	21,240	21,240	104,561	104,561	294,047	294,047	75,366	75,366	74,065	74,065	657,510	657,510	
2023	5	3	85,915	21,002	21,002	104,544	104,544	290,247	290,247	75,355	75,355	74,056	74,056	651,119	651,119	
2023	5	4	79,014	19,805	19,805	100,520	100,520	272,140	272,140	71,567	71,567	70,347	70,347	613,393	613,393	
2023	5	5	67,457	14,528	14,528	82,275	82,275	233,862	233,862	54,434	54,434	53,585	53,585	506,141	506,141	
2023	5	6	65,138	14,058	14,058	79,254	79,254	226,012	226,012	51,590	51,590	50,801	50,801	486,853	486,853	
2023	5	7	63,572	13,838	13,838	75,240	75,240	226,502	226,502	47,808	47,808	47,097	47,097	474,057	474,057	
2023	5	8	61,215	13,785	13,785	71,169	71,169	207,347	207,347	40,216	40,216	39,663	39,663	429,395	429,395	
2023	5	9	58,405	12,341	12,341	61,195	61,195	192,699	192,699	34,572	34,572	34,132	34,132	393,344	393,344	
2023	5	10	45,009	13,375	13,375	51,532	51,532	156,825	156,825	25,670	25,670	25,474	25,474	317,885	317,885	
2023	5	11	34,739	5,949	5,949	38,084	38,084	143,740	143,740	12,803	12,803	12,819	12,819	248,134	248,134	
2023	5	12	30,693	6,745	6,745	33,727	33,727	114,835	114,835	8,809	8,809	8,939	8,939	203,748	203,748	

Summary of Supply Demand Balance by LDC Period by Area
2019-2023 IGC IRP / Weather: Design / Growth: High / Price: Base
Storage Injections are reflected in excess supply summer
Storage Injections Equal Excess Supply

Year 1

Supply Area	IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period											
	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	5,895	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	78,791	61,560
Stanfield	184,918	174,350	168,972	137,294	59,141	42,897	32,706	10,000	10,000	0	0	0
Rockies	70,114	70,114	70,114	70,114	110,114	110,114	110,114	101,995	64,586	40,000	40,000	40,000
IMG	213,999	213,999	213,999	213,999	162,055	162,055	162,055	155,725	162,055	162,055	153,999	153,999
All-Other	0	0	0	0	0	0	0	0	0	0	0	0
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	581,231	570,663	565,285	533,607	443,510	427,266	417,075	379,920	348,841	320,150	272,790	255,559
Demand	581,231	570,663	565,285	533,607	443,510	427,266	417,075	379,920	348,841	285,480	226,845	189,533
O/U	0	0	0	0	0	0	0	0	0	34,670	45,945	66,026

Year 2

Supply Area	IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period											
	Period 1	Period 2	Period 3	Period 4	Period 5	Period 6	Period 7	Period 8	Period 9	Period 10	Period 11	Period 12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	63,326
Stanfield	195,512	193,520	187,907	154,934	72,683	55,712	44,481	10,000	12,397	13,201	0	0
Rockies	79,159	70,114	70,114	70,114	110,114	110,114	110,114	110,114	71,551	40,000	40,000	40,000
IMG	215,207	215,207	215,207	215,207	163,263	163,263	163,263	158,514	163,263	162,537	155,207	155,207
All-Other	747	729	715	553	497	473	437	375	298	185	108	40
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	602,825	591,770	586,143	553,007	458,757	441,761	430,494	391,203	359,708	328,123	281,415	258,572
LDC	602,825	591,770	586,143	553,007	458,757	441,761	430,494	391,203	359,708	293,453	232,113	193,078
O/U	0	0	0	0	0	0	0	0	0	34,670	49,302	65,494

Year 3

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	0	0	0	0	0	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	69,491
Stanfield	195,512	195,512	195,512	180,905	86,484	68,793	57,120	16,185	21,971	22,061	0	0
Rockies	99,161	87,645	81,802	70,114	110,114	110,114	110,114	110,114	71,551	40,000	40,000	40,000
IMG	215,529	215,529	215,529	207,626	163,585	163,585	163,585	163,585	163,585	160,880	155,529	155,529
All-Other	2,227	2,173	2,132	1,647	1,482	1,409	1,302	1,117	887	552	322	119
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	624,629	613,059	607,175	572,492	473,865	456,101	444,321	403,201	370,194	335,492	281,951	265,138
LDC	624,629	613,059	607,175	572,492	473,865	456,101	444,321	403,201	370,194	300,822	236,654	195,820
O/U	0	0	0	0	0	0	0	0	0	34,670	45,297	69,378

Year 4

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	0	0	2,051	0	0	23,314	4,696	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	72,201
Stanfield	195,657	195,512	195,512	185,212	99,782	81,405	67,281	26,813	31,293	10,819	0	0
Rockies	110,114	106,344	100,289	75,356	110,114	110,114	110,114	110,114	71,551	40,000	40,000	36,466
IMG	224,378	216,322	216,322	216,322	164,378	164,378	164,378	164,378	164,378	161,340	156,322	156,322
All-Other	4,484	4,376	4,294	3,318	2,985	2,837	2,623	2,249	1,786	1,112	649	240
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	646,833	634,754	628,617	592,408	489,459	470,934	458,647	415,754	381,209	348,785	287,767	265,228
LDC	646,833	634,754	628,617	592,408	489,459	470,934	458,647	415,754	381,209	308,785	241,822	199,210
O/U	0	0	0	0	0	0	0	0	0	40,000	45,945	66,019

Year 5

IRP Model Summary Result, Supply in MMBTU per Day by Node Delivered by Period

Supply Area	1	2	3	4	5	6	7	8	9	10	11	12
Sumas	0	0	0	0	8,726	10,137	14,666	0	5,842	41,690	9,332	0
AECO	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	112,200	86,100	75,295
Stanfield	215,068	202,653	196,391	185,212	104,737	84,270	67,281	37,871	35,265	0	0	0
Rockies	110,114	110,114	110,114	93,152	110,114	110,114	110,114	110,114	71,551	40,000	40,000	36,466
IMG	225,686	225,686	225,686	217,630	165,686	165,686	165,686	165,686	165,686	162,252	157,630	157,630
All-Other	7,027	6,857	6,728	5,199	4,678	4,446	4,110	3,524	2,799	1,743	1,017	375
Canyon	0	0	0	0	0	0	0	0	0	0	0	0
Idaho Falls	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
State St	0	0	0	0	0	0	0	0	0	0	0	0
Ada	0	0	0	0	0	0	0	0	0	0	0	0
Totals	670,095	657,510	651,119	613,393	506,141	486,853	474,057	429,395	393,344	357,885	294,079	269,766
LDC	670,095	657,510	651,119	613,393	506,141	486,853	474,057	429,395	393,344	317,885	248,134	203,748
O/U	0	0	0	0	0	0	0	0	0	40,000	45,945	66,019

Lateral Capacity Summary By Year

2019-2023 IGC IRP / Weather: Design / Growth: High / Price: Base

Year	1	2019
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	259,942	296,029	0	0	296,029	0
Canyon	88,678	98,000	0	0	98,000	0
Idaho Falls (W LNG)	80,717	88,400	0	0	88,400	0
Sun Valley	19,640	19,878	0	0	19,878	0
State St	65,875	73,000	0	0	73,000	0
Ada	66,055	70,000	0	0	70,000	0
	581,231	645,307	0	0	645,307	0

Year	2	2020
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	270,494	296,029	0	0	296,029	0
Canyon	92,600	98,000	0	0	98,000	0
Idaho Falls (W LNG)	83,396	88,400	0	0	88,400	0
Sun Valley	19,838	19,878	0	0	19,878	0
State St	68,341	73,000	0	0	73,000	0
Ada	68,156	70,000	0	0	70,000	0
	602,825	645,307	0	0	645,307	0

Year	3	2021
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	280,066	296,029	0	0	296,029	0
Canyon	96,781	98,000	0	0	98,000	0
Idaho Falls (W LNG)	86,045	88,400	0	0	88,400	0
Sun Valley	20,477	19,878	2,122	0	22,000	599
State St	70,899	73,000	0	0	73,000	0
Ada	70,363	70,000	0	363	70,000	363
	624,629	645,307	2,122	363	647,429	962

Year	4	2022
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	289,874	296,029	0	0	296,029	0
Canyon	101,120	98,000	8,000	0	106,000	3,120
Idaho Falls (W LNG)	88,548	88,400	0	148	88,400	148
Sun Valley	21,098	19,878	2,122	0	22,000	1,220
State St	73,555	73,000	0	555	73,000	555
Ada	72,638	70,000	8,000	0	78,000	2,638
	646,833	645,307	18,122	703	663,429	7,681

Year	5	2023
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MMBTU per day

Demand Node	Peak Day LDC	Existing Lateral Capacity	Expansion Lateral Capacity	Fill/Alt. Lateral Capacity	Existing + Expansion Capacity	Deficit of Existing
All-Other	300,204	296,029	0	4,175	296,029	4,175
Canyon	105,567	98,000	8,000	0	106,000	7,567
Idaho Falls (W LNG)	91,301	88,400	5,600	0	94,000	2,901
Sun Valley	21,718	19,878	2,122	0	22,000	1,840
State St	76,313	73,000	4,000	0	77,000	3,313
Ada	74,992	70,000	8,000	0	78,000	4,992
	670,095	645,307	27,722	0	673,029	24,788