

Appendix G

Weather & Price Uncertainty Analysis

2020 OR IRP

Appendix G – Introduction

The purpose of this document is to present data used by Cascade in its stochastic analysis. The presentation of data in this format allows for the transparent review of some of the inputs and results that are part of the Company's risk modeling. This is ultimately used to complete Cascade's scenario and sensitivity modeling as discussed in the Company's supply resource optimization process in Chapter 8, Resource Integration.

	Monthly Demand (Dth)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
1/1/2020	5,179,367	5,574,217	5,179,519	5,404,526	5,619,787	5,411,126	5,619,941
2/1/2020	4,302,097	4,464,934	4,336,898	4,532,048	4,653,998	4,769,246	4,691,428
3/1/2020	3,292,356	3,384,573	3,320,643	3,323,076	3,446,943	3,333,686	3,476,147
4/1/2020	2,182,626	2,203,774	2,201,361	2,210,816	2,181,565	2,173,038	2,200,081
5/1/2020	1,585,240	1,665,325	1,597,695	1,623,823	1,652,823	1,670,056	1,666,008
6/1/2020	1,207,052	1,194,432	1,215,801	1,157,145	1,199,701	1,202,267	1,208,481
7/1/2020	1,100,727	1,100,727	1,107,795	1,107,795	1,107,795	1,115,555	1,115,555
8/1/2020	1,091,175	1,091,175	1,098,289	1,098,289	1,098,289	1,106,094	1,106,094
9/1/2020	1,490,291	1,467,840	1,500,090	1,418,712	1,523,461	1,580,374	1,534,647
10/1/2020	2,423,106	2,501,608	2,444,348	2,436,974	2,432,486	2,579,720	2,456,297
11/1/2020	3,949,137	4,024,430	3,993,867	4,243,845	4,158,522	4,416,028	4,208,819
12/1/2020	5,988,244	5,820,354	6,065,691	6,061,138	5,936,672	6,153,596	6,014,412
1/1/2021	5,158,508	5,214,350	5,237,522	5,448,230	5,532,320	5,574,713	5,617,612
2/1/2021	4,372,216	4,306,325	4,442,811	4,411,447	4,654,917	4,417,379	4,730,693
3/1/2021	3,396,876	3,261,972	3,452,515	3,370,739	3,447,066	3,532,057	3,503,300
4/1/2021	2,262,018	2,330,710	2,299,083	2,272,042	2,328,014	2,356,877	2,365,558
5/1/2021	1,620,940	1,590,636	1,646,579	1,611,240	1,611,721	1,677,018	1,636,382
6/1/2021	1,226,206	1,170,908	1,244,045	1,207,264	1,197,960	1,226,347	1,215,573
7/1/2021	1,101,653	1,101,653	1,116,680	1,116,680	1,116,680	1,132,609	1,132,609
8/1/2021	1,103,087	1,103,087	1,118,194	1,118,194	1,118,194	1,134,270	1,134,270
9/1/2021	1,483,607	1,529,894	1,503,279	1,564,356	1,546,935	1,517,575	1,568,956
10/1/2021	2,419,908	2,344,112	2,459,450	2,509,806	2,572,531	2,571,573	2,617,527
11/1/2021	4,193,183	4,288,630	4,272,675	4,170,027	4,402,130	4,368,934	4,489,603
12/1/2021	5,599,006	5,810,195	5,710,773	6,013,766	6,227,653	6,447,907	6,357,081
1/1/2022	5,325,203	5,430,050	5,449,242	5,596,929	5,825,652	5,703,105	5,964,232
2/1/2022	4,343,623	4,465,624	4,449,038	4,428,699	4,706,247	4,626,897	4,821,281
3/1/2022	3,488,086	3,335,503	3,572,418	3,431,370	3,519,575	3,598,846	3,604,489
4/1/2022	2,300,958	2,291,364	2,357,070	2,318,437	2,262,798	2,451,134	2,317,475
5/1/2022	1,679,298	1,647,640	1,718,824	1,665,189	1,652,497	1,734,038	1,691,219
6/1/2022	1,171,427	1,218,322	1,196,792	1,230,743	1,219,736	1,283,485	1,247,222
7/1/2022	1,102,249	1,102,249	1,125,418	1,125,418	1,125,418	1,149,892	1,149,892
8/1/2022	1,114,758	1,114,758	1,138,239	1,138,239	1,138,239	1,163,137	1,163,137
9/1/2022	1,493,242	1,382,056	1,523,331	1,543,396	1,454,802	1,475,028	1,486,808
10/1/2022	2,403,047	2,441,242	2,460,733	2,486,313	2,537,582	2,575,710	2,600,344
11/1/2022	4,139,225	4,176,291	4,251,786	4,387,396	4,407,729	4,428,854	4,530,375
12/1/2022	5,741,173	5,981,112	5,899,296	5,989,446	6,004,952	6,290,896	6,173,193
1/1/2023	5,366,233	5,474,197	5,535,849	5,677,915	5,749,016	5,931,853	5,933,979
2/1/2023	4,420,141	4,295,875	4,562,739	4,715,350	4,617,670	4,601,760	4,764,267
3/1/2023	3,365,895	3,418,284	3,474,311	3,533,636	3,575,622	3,612,795	3,691,463
4/1/2023	2,206,365	2,245,059	2,275,731	2,395,558	2,308,197	2,432,807	2,382,294
5/1/2023	1,632,688	1,704,426	1,682,981	1,692,404	1,687,916	1,752,830	1,740,158
6/1/2023	1,194,306	1,196,288	1,229,198	1,238,653	1,224,228	1,264,447	1,260,282
7/1/2023	1,108,463	1,108,463	1,139,740	1,139,740	1,139,740	1,172,907	1,172,907
8/1/2023	1,121,042	1,121,042	1,152,703	1,152,703	1,152,703	1,186,395	1,186,395
9/1/2023	1,537,470	1,502,012	1,581,178	1,532,418	1,590,694	1,539,586	1,638,328
10/1/2023	2,392,825	2,430,653	2,467,336	2,442,197	2,615,902	2,606,656	2,701,747
11/1/2023	4,028,037	4,200,254	4,168,125	4,259,928	4,256,126	4,427,165	4,408,241
12/1/2023	5,920,411	6,041,019	6,127,781	6,173,421	6,369,530	6,376,797	6,601,702
1/1/2024	5,492,538	5,619,571	5,709,555	5,675,921	5,803,080	6,018,381	6,036,531
2/1/2024	4,374,174	4,498,694	4,544,470	4,910,017	4,810,586	4,958,135	5,005,362
3/1/2024	3,422,420	3,316,334	3,557,498	3,554,203	3,616,725	3,739,549	3,762,109
4/1/2024	2,281,401	2,197,438	2,371,517	2,459,271	2,396,593	2,587,666	2,491,278
5/1/2024	1,623,059	1,628,461	1,684,314	1,769,353	1,759,368	1,817,005	1,829,181
6/1/2024	1,158,571	1,194,005	1,200,507	1,259,221	1,269,605	1,299,593	1,317,550
7/1/2024	1,126,082	1,126,082	1,165,692	1,165,692	1,165,692	1,208,035	1,208,035
8/1/2024	1,122,003	1,122,003	1,161,521	1,161,521	1,161,521	1,203,835	1,203,835
9/1/2024	1,494,393	1,443,545	1,546,737	1,574,318	1,538,034	1,692,383	1,594,518
10/1/2024	2,522,271	2,442,699	2,619,174	2,649,870	2,647,192	2,820,275	2,751,510
11/1/2024	4,242,488	4,080,615	4,421,822	4,419,635	4,317,877	4,501,022	4,506,368
12/1/2024	6,004,247	6,021,219	6,257,311	6,286,197	6,759,797	6,376,933	7,056,191
1/1/2025	5,224,161	5,423,212	5,468,933	5,705,075	5,738,406	6,048,972	6,016,763
2/1/2025	4,357,172	4,423,059	4,563,212	4,530,863	4,649,394	4,958,366	4,869,392
3/1/2025	3,424,977	3,398,833	3,588,533	3,653,858	3,749,992	3,638,533	3,933,600

	Monthly Demand (Dth)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
4/1/2025	2,387,554	2,346,230	2,499,673	2,434,960	2,484,086	2,574,980	2,602,532
5/1/2025	1,622,341	1,676,240	1,697,106	1,723,359	1,798,513	1,846,696	1,882,490
6/1/2025	1,223,079	1,210,011	1,276,453	1,258,847	1,256,733	1,337,595	1,312,460
7/1/2025	1,132,208	1,132,208	1,180,161	1,180,161	1,180,161	1,231,795	1,231,795
8/1/2025	1,122,478	1,122,478	1,170,048	1,170,048	1,170,048	1,221,329	1,221,329
9/1/2025	1,554,809	1,499,463	1,618,980	1,564,158	1,572,664	1,614,240	1,640,978
10/1/2025	2,381,570	2,493,458	2,491,415	2,622,989	2,718,087	2,749,401	2,848,428
11/1/2025	4,014,822	4,317,247	4,214,346	4,339,072	4,368,176	4,668,411	4,590,541
12/1/2025	6,038,302	6,034,565	6,333,677	6,501,407	6,627,547	7,081,480	6,964,517
1/1/2026	5,426,000	5,385,686	5,720,427	5,763,014	5,999,412	6,400,898	6,338,800
2/1/2026	4,486,661	4,589,910	4,736,310	4,684,728	4,780,242	5,137,781	5,049,602
3/1/2026	3,521,869	3,504,915	3,717,241	3,720,358	3,765,601	3,886,049	3,974,812
4/1/2026	2,304,224	2,301,043	2,428,205	2,521,983	2,463,617	2,628,355	2,601,780
5/1/2026	1,667,345	1,646,953	1,755,679	1,746,599	1,838,896	1,905,996	1,939,182
6/1/2026	1,224,661	1,237,730	1,286,970	1,317,197	1,278,438	1,354,360	1,345,748
7/1/2026	1,138,080	1,138,080	1,194,627	1,194,627	1,194,627	1,256,005	1,256,005
8/1/2026	1,128,298	1,128,298	1,184,367	1,184,367	1,184,367	1,245,293	1,245,293
9/1/2026	1,506,930	1,453,737	1,580,159	1,653,305	1,582,292	1,762,372	1,662,347
10/1/2026	2,435,909	2,540,142	2,566,496	2,584,681	2,682,726	2,830,533	2,830,080
11/1/2026	4,197,801	4,185,250	4,438,492	4,513,349	4,550,507	4,964,608	4,820,185
12/1/2026	6,212,439	5,939,906	6,564,603	6,495,135	6,539,947	6,798,729	6,920,304
1/1/2027	5,450,701	5,661,929	5,789,330	5,995,743	6,260,596	6,232,016	6,664,770
2/1/2027	4,422,057	4,667,432	4,702,203	4,830,397	4,864,706	5,071,261	5,180,487
3/1/2027	3,474,975	3,516,075	3,693,814	3,619,393	3,693,502	4,072,089	3,930,896
4/1/2027	2,332,988	2,329,046	2,478,395	2,595,914	2,476,118	2,757,111	2,633,920
5/1/2027	1,651,107	1,671,816	1,752,239	1,806,452	1,826,846	1,953,113	1,942,674
6/1/2027	1,243,441	1,254,268	1,315,405	1,324,391	1,309,145	1,398,755	1,387,220
7/1/2027	1,138,382	1,138,382	1,203,076	1,203,076	1,203,076	1,273,866	1,273,866
8/1/2027	1,139,917	1,139,917	1,204,702	1,204,702	1,204,702	1,275,700	1,275,700
9/1/2027	1,553,423	1,476,166	1,640,486	1,610,167	1,614,905	1,724,209	1,708,824
10/1/2027	2,340,298	2,473,736	2,480,952	2,686,565	2,696,030	2,914,633	2,867,114
11/1/2027	4,267,654	4,190,305	4,543,627	4,509,553	4,513,891	5,073,616	4,818,136
12/1/2027	6,256,964	6,136,025	6,659,454	6,642,670	6,840,995	7,142,650	7,294,049
1/1/2028	5,859,803	5,626,884	6,278,076	6,121,752	6,007,211	6,318,393	6,441,774
2/1/2028	4,602,878	4,810,509	4,929,467	5,024,014	5,197,190	5,566,753	5,572,865
3/1/2028	3,519,906	3,530,838	3,769,862	3,747,914	3,864,801	4,256,916	4,143,035
4/1/2028	2,301,345	2,270,955	2,461,528	2,541,394	2,558,474	2,741,377	2,741,708
5/1/2028	1,685,202	1,733,669	1,799,740	1,840,870	1,943,647	1,995,125	2,080,497
6/1/2028	1,210,022	1,262,343	1,288,807	1,288,339	1,285,636	1,383,861	1,371,579
7/1/2028	1,138,827	1,138,827	1,211,412	1,211,412	1,211,412	1,291,524	1,291,524
8/1/2028	1,151,891	1,151,891	1,225,330	1,225,330	1,225,330	1,306,544	1,306,544
9/1/2028	1,493,577	1,539,711	1,586,518	1,634,214	1,723,017	1,799,604	1,836,411
10/1/2028	2,576,521	2,545,410	2,751,661	2,660,727	2,796,189	3,052,423	2,996,012
11/1/2028	4,315,609	4,204,720	4,630,238	4,705,654	4,978,317	5,030,483	5,353,561
12/1/2028	6,097,278	6,320,580	6,532,542	6,616,331	6,639,958	7,173,637	7,127,741
1/1/2029	5,606,390	5,492,697	6,047,942	6,109,444	6,187,033	6,762,979	6,692,531
2/1/2029	4,454,191	4,506,206	4,800,257	5,112,959	5,032,394	5,225,768	5,438,406
3/1/2029	3,492,608	3,599,748	3,764,873	3,809,727	3,866,710	4,212,724	4,179,095
4/1/2029	2,352,575	2,292,708	2,532,962	2,485,750	2,613,869	2,887,766	2,820,356
5/1/2029	1,660,500	1,694,262	1,786,561	1,854,217	1,825,478	1,983,679	1,968,041
6/1/2029	1,232,201	1,248,436	1,322,196	1,348,881	1,311,712	1,398,037	1,409,996
7/1/2029	1,150,380	1,150,380	1,231,898	1,231,898	1,231,898	1,322,658	1,322,658
8/1/2029	1,157,762	1,157,762	1,239,799	1,239,799	1,239,799	1,331,283	1,331,283
9/1/2029	1,512,076	1,537,321	1,616,284	1,615,398	1,690,837	1,724,990	1,814,073
10/1/2029	2,538,009	2,587,288	2,728,750	2,753,098	2,840,465	2,940,617	3,067,669
11/1/2029	4,194,606	4,503,204	4,529,563	4,625,229	4,542,847	4,957,754	4,918,342
12/1/2029	6,146,197	6,119,156	6,626,690	6,730,611	6,896,403	7,321,021	7,456,162
1/1/2030	5,497,529	5,394,964	5,970,627	6,329,260	6,118,938	6,758,928	6,661,982
2/1/2030	4,586,009	4,520,348	4,982,816	5,151,669	5,081,313	5,403,448	5,526,153
3/1/2030	3,500,387	3,557,902	3,798,857	3,943,590	3,884,267	4,286,758	4,229,285
4/1/2030	2,433,398	2,420,740	2,641,585	2,585,655	2,639,933	2,865,364	2,865,796
5/1/2030	1,708,794	1,765,252	1,852,518	1,909,596	1,866,349	2,077,964	2,026,612
6/1/2030	1,219,402	1,236,127	1,316,656	1,368,539	1,368,281	1,456,620	1,483,527

	Monthly Demand (Dth)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
7/1/2030	1,161,743	1,161,743	1,252,527	1,252,527	1,252,527	1,354,475	1,354,475
8/1/2030	1,157,607	1,157,607	1,248,032	1,248,032	1,248,032	1,349,688	1,349,688
9/1/2030	1,548,530	1,540,025	1,670,373	1,689,805	1,581,104	1,881,108	1,706,083
10/1/2030	2,516,773	2,507,341	2,726,802	2,839,906	2,816,431	3,062,088	3,061,637
11/1/2030	4,277,327	4,285,777	4,652,790	4,700,981	4,817,853	5,163,369	5,255,599
12/1/2030	6,294,466	6,165,578	6,828,432	6,806,823	7,046,368	7,696,880	7,675,070
1/1/2031	5,420,675	5,781,793	5,925,363	6,254,462	6,127,012	6,753,002	6,717,219
2/1/2031	4,543,677	4,729,702	4,971,326	5,160,590	5,046,774	5,589,691	5,535,368
3/1/2031	3,546,599	3,596,198	3,878,598	3,756,998	3,988,104	4,191,473	4,375,487
4/1/2031	2,407,057	2,405,742	2,627,759	2,611,081	2,710,233	2,902,967	2,969,422
5/1/2031	1,647,071	1,748,747	1,795,013	1,908,024	1,879,246	2,101,366	2,056,429
6/1/2031	1,234,276	1,245,206	1,341,079	1,357,394	1,346,058	1,490,889	1,467,927
7/1/2031	1,167,484	1,167,484	1,266,994	1,266,994	1,266,994	1,379,682	1,379,682
8/1/2031	1,157,520	1,157,520	1,256,119	1,256,119	1,256,119	1,367,875	1,367,875
9/1/2031	1,596,291	1,519,044	1,731,428	1,682,602	1,700,397	1,902,932	1,848,013
10/1/2031	2,568,283	2,532,073	2,802,998	2,860,981	3,031,532	3,049,901	3,323,231
11/1/2031	4,350,208	4,367,669	4,760,113	4,731,146	4,844,237	5,370,010	5,321,263
12/1/2031	6,244,271	6,325,794	6,817,305	6,923,134	6,774,369	7,644,254	7,434,780
1/1/2032	5,616,759	5,729,799	6,184,797	6,309,383	6,687,461	7,423,907	7,395,716
2/1/2032	4,762,402	4,816,906	5,243,593	5,312,482	5,541,155	5,907,358	6,125,069
3/1/2032	3,627,418	3,632,244	3,995,202	4,017,399	3,967,070	4,429,169	4,382,112
4/1/2032	2,469,355	2,429,576	2,720,180	2,613,968	2,640,568	3,026,702	2,910,528
5/1/2032	1,742,662	1,722,523	1,914,061	1,856,674	1,994,140	2,079,152	2,197,818
6/1/2032	1,267,156	1,261,135	1,386,725	1,382,813	1,378,226	1,484,083	1,514,237
7/1/2032	1,167,611	1,167,611	1,275,113	1,275,113	1,275,113	1,397,902	1,397,902
8/1/2032	1,169,336	1,169,336	1,276,962	1,276,962	1,276,962	1,400,037	1,400,037
9/1/2032	1,580,946	1,489,811	1,727,921	1,784,378	1,722,854	1,981,780	1,886,855
10/1/2032	2,584,648	2,745,429	2,835,119	2,876,117	2,906,320	3,228,417	3,201,766
11/1/2032	4,362,126	4,444,624	4,807,873	5,085,280	5,052,760	5,602,443	5,599,183
12/1/2032	6,225,729	6,249,139	6,840,869	7,142,838	7,302,211	7,846,563	8,071,127
1/1/2033	5,671,285	5,818,779	6,290,438	6,435,689	6,506,364	7,176,838	7,236,771
2/1/2033	4,606,611	4,576,669	5,113,406	5,239,682	5,098,901	5,598,527	5,678,326
3/1/2033	3,540,591	3,474,005	3,920,535	3,941,682	4,210,083	4,431,920	4,686,666
4/1/2033	2,413,438	2,414,978	2,669,745	2,673,658	2,771,933	2,939,611	3,081,649
5/1/2033	1,698,776	1,730,986	1,879,168	1,958,501	2,063,446	2,183,470	2,289,675
6/1/2033	1,287,970	1,277,777	1,417,240	1,418,255	1,418,880	1,564,503	1,567,772
7/1/2033	1,167,360	1,167,360	1,283,057	1,283,057	1,283,057	1,416,281	1,416,281
8/1/2033	1,180,805	1,180,805	1,297,807	1,297,807	1,297,807	1,432,735	1,432,735
9/1/2033	1,569,155	1,619,329	1,720,736	1,719,581	1,769,482	1,992,817	1,950,278
10/1/2033	2,628,271	2,505,131	2,904,657	2,879,630	2,941,087	3,077,506	3,263,615
11/1/2033	4,354,411	4,437,977	4,838,304	5,010,767	4,980,079	5,497,761	5,552,183
12/1/2033	6,325,578	6,338,505	6,999,944	7,065,456	7,154,525	7,907,402	7,955,623
1/1/2034	5,693,212	5,902,542	6,357,089	6,274,723	6,982,476	7,545,520	7,847,021
2/1/2034	4,642,228	4,601,010	5,180,085	5,193,401	5,285,026	6,125,432	5,927,416
3/1/2034	3,505,126	3,467,104	3,908,902	4,153,047	3,950,946	4,489,873	4,427,317
4/1/2034	2,429,820	2,505,919	2,709,749	2,705,487	2,810,206	3,117,327	3,147,203
5/1/2034	1,755,409	1,712,136	1,954,708	1,924,774	2,055,053	2,236,585	2,301,773
6/1/2034	1,258,446	1,302,551	1,395,466	1,393,356	1,452,586	1,577,970	1,615,445
7/1/2034	1,172,699	1,172,699	1,297,379	1,297,379	1,297,379	1,442,101	1,442,101
8/1/2034	1,186,194	1,186,194	1,312,272	1,312,272	1,312,272	1,458,824	1,458,824
9/1/2034	1,621,472	1,593,890	1,788,575	1,805,375	1,736,611	1,942,467	1,928,994
10/1/2034	2,600,246	2,661,564	2,892,514	2,824,984	2,858,252	3,132,471	3,194,951
11/1/2034	4,491,944	4,521,173	5,015,758	5,058,741	5,011,091	5,715,509	5,632,308
12/1/2034	6,331,811	6,276,452	7,048,620	7,032,355	7,145,208	8,108,544	7,990,552
1/1/2035	5,638,148	5,825,442	6,339,963	6,839,575	6,772,417	7,358,539	7,647,549
2/1/2035	4,875,905	4,689,656	5,485,839	5,526,212	5,364,327	6,060,513	6,047,350
3/1/2035	3,766,416	3,670,339	4,230,884	4,038,442	4,127,601	4,708,163	4,655,068
4/1/2035	2,495,361	2,403,630	2,800,954	2,734,489	2,774,185	3,192,117	3,130,262
5/1/2035	1,748,645	1,658,213	1,957,669	1,931,025	2,058,110	2,232,495	2,316,029
6/1/2035	1,257,233	1,297,907	1,402,267	1,439,686	1,461,311	1,578,970	1,641,401
7/1/2035	1,184,077	1,184,077	1,318,297	1,318,297	1,318,297	1,475,384	1,475,384
8/1/2035	1,191,715	1,191,715	1,326,736	1,326,736	1,326,736	1,484,950	1,484,950
9/1/2035	1,595,616	1,534,097	1,774,317	1,722,861	1,788,244	1,986,757	1,998,978

	Monthly Demand (Dth)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
10/1/2035	2,700,809	2,533,527	3,027,375	2,928,139	2,963,716	3,482,687	3,331,192
11/1/2035	4,491,475	4,456,857	5,053,593	5,020,226	5,135,467	5,708,506	5,809,102
12/1/2035	6,288,167	6,368,189	7,045,127	7,001,083	7,358,327	8,209,770	8,288,206
1/1/2036	5,844,213	6,090,631	6,622,889	6,679,458	6,989,734	7,690,598	7,962,334
2/1/2036	4,942,810	5,006,804	5,585,447	5,528,855	5,563,350	6,618,321	6,328,985
3/1/2036	3,518,524	3,671,491	3,976,483	4,153,788	4,238,917	4,575,913	4,819,122
4/1/2036	2,442,770	2,400,951	2,758,649	2,868,536	2,886,259	3,185,641	3,275,993
5/1/2036	1,742,443	1,717,136	1,964,987	1,903,653	2,015,113	2,249,321	2,284,942
6/1/2036	1,259,714	1,282,917	1,414,563	1,418,566	1,429,621	1,640,334	1,611,903
7/1/2036	1,195,725	1,195,725	1,339,393	1,339,393	1,339,393	1,508,963	1,508,963
8/1/2036	1,185,688	1,185,688	1,328,016	1,328,016	1,328,016	1,496,128	1,496,128
9/1/2036	1,641,230	1,611,361	1,834,157	1,903,158	1,652,377	2,026,366	1,860,168
10/1/2036	2,724,924	2,804,029	3,070,976	2,996,395	3,092,192	3,503,404	3,502,668
11/1/2036	4,613,533	4,612,871	5,232,302	4,976,863	5,053,163	6,191,583	5,758,074
12/1/2036	6,336,329	6,334,803	7,132,764	7,606,292	7,363,479	8,770,264	8,345,043
1/1/2037	5,797,720	5,886,903	6,607,825	6,743,733	6,991,773	7,851,367	8,024,179
2/1/2037	4,495,832	4,615,857	5,115,639	5,392,488	5,334,670	6,045,338	6,117,142
3/1/2037	3,721,146	3,708,406	4,237,609	4,203,252	4,294,765	4,683,034	4,912,527
4/1/2037	2,532,424	2,433,071	2,877,425	2,836,384	2,705,002	3,338,219	3,089,002
5/1/2037	1,783,400	1,722,796	2,023,663	2,053,715	2,041,794	2,361,689	2,329,909
6/1/2037	1,271,679	1,288,423	1,436,972	1,434,937	1,517,029	1,671,624	1,722,947
7/1/2037	1,201,152	1,201,152	1,353,861	1,353,861	1,353,861	1,535,528	1,535,528
8/1/2037	1,191,074	1,191,074	1,342,340	1,342,340	1,342,340	1,522,422	1,522,422
9/1/2037	1,577,504	1,539,845	1,775,444	1,837,115	1,866,255	1,967,087	2,111,896
10/1/2037	2,685,938	2,616,342	3,043,335	3,116,294	2,988,918	3,456,479	3,410,002
11/1/2037	4,553,371	4,483,598	5,187,375	5,330,787	5,262,605	5,929,771	6,029,106
12/1/2037	6,579,642	6,571,392	7,465,540	7,433,651	7,356,361	8,647,390	8,389,455
1/1/2038	6,068,793	5,680,931	6,962,239	6,946,979	7,182,884	8,181,488	8,296,361
2/1/2038	4,660,806	4,829,689	5,345,645	5,734,844	5,714,555	6,575,658	6,602,655
3/1/2038	3,647,960	3,582,332	4,176,311	4,401,512	4,335,835	5,068,281	5,003,777
4/1/2038	2,621,469	2,504,937	3,000,732	2,780,280	2,964,936	3,335,976	3,415,193
5/1/2038	1,785,969	1,775,375	2,043,714	2,083,919	2,016,634	2,454,765	2,321,204
6/1/2038	1,271,174	1,281,853	1,443,564	1,473,284	1,496,534	1,699,837	1,712,227
7/1/2038	1,200,359	1,200,359	1,361,514	1,361,514	1,361,514	1,554,677	1,554,677
8/1/2038	1,202,197	1,202,197	1,363,471	1,363,471	1,363,471	1,556,965	1,556,965
9/1/2038	1,594,383	1,599,389	1,802,346	1,823,906	1,781,727	2,184,564	2,028,639
10/1/2038	2,686,065	2,584,192	3,069,637	3,025,673	3,040,833	3,551,579	3,488,964
11/1/2038	4,628,586	4,400,193	5,305,532	5,391,349	5,273,203	6,238,341	6,086,318
12/1/2038	6,546,793	6,418,919	7,469,267	7,611,613	7,459,990	8,720,225	8,571,572
1/1/2039	5,957,681	5,956,292	6,886,332	6,981,124	7,135,820	7,899,512	8,302,202
2/1/2039	4,862,446	4,797,324	5,610,315	5,675,230	5,748,752	6,787,321	6,676,199
3/1/2039	3,705,070	3,772,957	4,270,719	4,324,261	4,428,285	4,987,994	5,145,360
4/1/2039	2,411,831	2,488,076	2,773,938	2,808,916	2,823,727	3,425,502	3,273,143
5/1/2039	1,776,162	1,787,490	2,039,001	2,131,557	2,056,735	2,420,882	2,382,205
6/1/2039	1,267,818	1,295,431	1,449,804	1,507,633	1,501,058	1,754,769	1,727,555
7/1/2039	1,199,665	1,199,665	1,369,021	1,369,021	1,369,021	1,573,568	1,573,568
8/1/2039	1,213,501	1,213,501	1,384,746	1,384,746	1,384,746	1,591,801	1,591,801
9/1/2039	1,592,797	1,615,135	1,818,008	1,862,413	1,740,723	2,097,002	1,998,644
10/1/2039	2,621,358	2,756,000	3,008,390	3,206,749	3,148,975	3,456,477	3,643,835
11/1/2039	4,537,645	4,385,305	5,240,702	5,531,127	5,291,344	6,238,380	6,161,951
12/1/2039	6,593,246	6,670,059	7,576,746	7,801,679	7,541,753	8,936,581	8,708,464

Monthly HDDs

	Minimum Weather	1% Weather	25% Weather	50% Weather	75% Weather	99% Weather	Max Weather
1/1/2020	634	748	804	679	722	811	735
2/1/2020	552	604	638	604	627	556	571
3/1/2020	437	501	455	473	422	457	471
4/1/2020	302	262	315	327	304	348	263
5/1/2020	120	140	125	129	174	199	186
6/1/2020	62	55	36	42	54	39	55
7/1/2020	7	6	4	5	4	6	6
8/1/2020	10	2	6	5	4	6	3
9/1/2020	86	80	71	63	89	50	76
10/1/2020	286	344	273	297	303	287	326
11/1/2020	527	619	536	624	592	572	555
12/1/2020	775	739	726	758	831	783	751
1/1/2021	680	726	711	652	647	746	664
2/1/2021	548	598	555	576	600	565	612
3/1/2021	475	445	431	454	529	456	493
4/1/2021	315	308	354	317	317	367	319
5/1/2021	199	193	163	130	156	176	130
6/1/2021	75	61	50	49	57	48	55
7/1/2021	7	6	3	7	5	9	8
8/1/2021	4	7	6	10	4	7	2
9/1/2021	81	94	87	71	62	75	70
10/1/2021	274	313	285	293	287	298	298
11/1/2021	549	583	516	550	532	510	551
12/1/2021	726	768	785	763	776	785	815
1/1/2022	714	725	737	759	730	736	734
2/1/2022	611	509	553	587	538	562	621
3/1/2022	464	488	449	465	458	451	509
4/1/2022	370	344	338	311	384	382	288
5/1/2022	176	181	155	194	197	169	166
6/1/2022	30	43	62	61	53	58	43
7/1/2022	5	6	10	3	8	5	6
8/1/2022	3	7	3	7	2	5	4
9/1/2022	41	72	50	70	90	75	56
10/1/2022	266	331	249	304	293	290	333
11/1/2022	543	492	535	493	514	541	552
12/1/2022	799	800	711	795	777	727	791
1/1/2023	724	697	660	733	697	786	724
2/1/2023	601	546	586	584	605	588	598
3/1/2023	513	453	486	507	483	494	475
4/1/2023	333	292	338	356	310	359	313
5/1/2023	194	122	188	202	196	173	187
6/1/2023	65	53	75	76	49	43	46
7/1/2023	7	7	5	6	5	3	7
8/1/2023	4	3	7	4	5	7	7
9/1/2023	76	60	72	78	75	80	60
10/1/2023	253	285	281	291	341	313	279
11/1/2023	557	577	551	532	554	577	538
12/1/2023	726	790	759	819	755	724	787
1/1/2024	749	675	708	701	648	729	785
2/1/2024	507	625	641	648	631	564	565
3/1/2024	456	456	454	480	503	489	496
4/1/2024	323	329	308	328	334	316	304
5/1/2024	137	159	166	106	200	143	189
6/1/2024	38	65	61	52	64	63	67
7/1/2024	9	7	8	3	9	6	3
8/1/2024	5	7	3	6	8	10	2
9/1/2024	61	85	63	47	67	63	62
10/1/2024	294	272	293	281	279	305	330
11/1/2024	528	533	510	589	592	573	468
12/1/2024	707	800	759	792	779	776	786
1/1/2025	733	759	651	734	762	744	685
2/1/2025	573	538	489	562	538	564	630
3/1/2025	474	450	488	478	515	480	460

Monthly HDDs

	Minimum Weather	1% Weather	25% Weather	50% Weather	75% Weather	99% Weather	Max Weather
4/1/2025	348	320	328	351	384	331	370
5/1/2025	160	161	176	162	130	145	191
6/1/2025	53	47	64	68	44	53	50
7/1/2025	6	5	5	6	3	6	5
8/1/2025	8	5	4	8	2	4	9
9/1/2025	77	64	79	66	76	58	75
10/1/2025	273	277	251	311	259	309	312
11/1/2025	527	585	579	539	519	540	619
12/1/2025	725	790	733	793	758	764	847
1/1/2026	720	679	743	757	756	734	758
2/1/2026	614	576	589	553	550	593	554
3/1/2026	487	471	493	509	505	515	496
4/1/2026	334	348	350	357	304	318	310
5/1/2026	127	184	133	164	152	159	222
6/1/2026	47	48	52	68	58	39	49
7/1/2026	10	6	5	6	6	2	4
8/1/2026	5	5	5	5	3	6	6
9/1/2026	64	48	77	52	69	63	50
10/1/2026	237	276	300	245	297	251	297
11/1/2026	533	542	565	542	535	494	569
12/1/2026	736	788	754	792	783	753	827
1/1/2027	689	679	743	602	681	644	768
2/1/2027	525	516	613	577	546	645	620
3/1/2027	485	439	459	488	465	503	474
4/1/2027	318	332	320	335	325	398	285
5/1/2027	156	175	166	170	163	169	169
6/1/2027	46	67	52	64	46	53	39
7/1/2027	7	4	7	5	8	5	7
8/1/2027	7	6	1	5	4	7	5
9/1/2027	70	66	64	67	67	65	69
10/1/2027	231	293	268	326	275	245	318
11/1/2027	460	485	526	587	515	554	544
12/1/2027	797	782	794	781	746	802	779
1/1/2028	729	734	707	703	682	798	706
2/1/2028	589	575	561	667	611	611	568
3/1/2028	531	460	463	487	499	497	498
4/1/2028	306	320	338	317	337	274	300
5/1/2028	159	147	185	122	156	158	201
6/1/2028	42	54	52	61	53	64	32
7/1/2028	5	6	7	6	9	5	4
8/1/2028	5	3	6	3	3	7	8
9/1/2028	44	43	55	76	59	50	83
10/1/2028	301	272	308	292	325	363	320
11/1/2028	565	557	522	512	582	532	627
12/1/2028	753	745	683	729	812	807	846
1/1/2029	704	733	697	707	731	677	683
2/1/2029	503	589	530	583	525	564	609
3/1/2029	463	430	514	501	471	478	493
4/1/2029	281	282	336	359	268	303	334
5/1/2029	138	167	166	168	150	180	164
6/1/2029	72	52	63	60	71	53	35
7/1/2029	4	5	8	11	4	2	7
8/1/2029	8	3	2	6	6	6	7
9/1/2029	54	53	75	102	56	63	76
10/1/2029	260	283	309	220	276	302	284
11/1/2029	516	542	576	551	580	575	567
12/1/2029	734	789	817	716	802	813	738
1/1/2030	696	694	740	720	675	768	716
2/1/2030	548	546	546	575	586	583	635
3/1/2030	465	450	458	470	536	494	498
4/1/2030	331	310	326	330	358	300	363
5/1/2030	191	161	173	155	171	149	176
6/1/2030	53	60	36	66	57	41	49

Monthly HDDs

	Minimum Weather	1% Weather	25% Weather	50% Weather	75% Weather	99% Weather	Max Weather
7/1/2030	7	6	5	6	6	5	4
8/1/2030	5	7	5	4	5	4	5
9/1/2030	76	61	58	87	91	69	65
10/1/2030	280	294	267	272	304	322	256
11/1/2030	563	533	594	559	529	515	555
12/1/2030	716	833	747	816	767	815	814
1/1/2031	694	725	779	602	722	721	740
2/1/2031	599	559	607	555	578	564	609
3/1/2031	514	504	474	493	429	505	478
4/1/2031	306	321	313	332	277	377	351
5/1/2031	151	160	174	118	103	154	151
6/1/2031	51	62	60	69	64	48	44
7/1/2031	7	3	11	4	5	3	7
8/1/2031	7	5	4	8	5	5	4
9/1/2031	73	56	66	58	71	49	72
10/1/2031	320	254	295	299	277	285	247
11/1/2031	545	563	549	607	600	572	616
12/1/2031	767	724	806	817	794	769	672
1/1/2032	684	698	719	686	717	696	734
2/1/2032	590	643	575	617	610	596	603
3/1/2032	465	516	473	485	456	470	484
4/1/2032	340	357	338	343	329	314	344
5/1/2032	212	168	153	135	161	175	190
6/1/2032	58	61	58	45	65	55	37
7/1/2032	7	6	10	4	7	7	4
8/1/2032	5	9	4	3	9	5	4
9/1/2032	80	65	52	62	92	56	80
10/1/2032	244	302	285	286	292	320	300
11/1/2032	482	533	596	585	536	559	478
12/1/2032	782	733	817	822	763	832	843
1/1/2033	692	721	773	694	799	698	787
2/1/2033	600	542	522	573	611	586	495
3/1/2033	469	480	520	479	459	481	502
4/1/2033	310	329	314	289	318	330	330
5/1/2033	169	157	147	175	179	176	229
6/1/2033	51	58	51	54	78	48	73
7/1/2033	5	6	3	9	8	10	5
8/1/2033	4	2	5	7	3	6	2
9/1/2033	53	79	73	59	59	77	46
10/1/2033	305	312	276	279	283	320	265
11/1/2033	517	527	562	562	511	580	519
12/1/2033	796	775	739	810	816	833	831
1/1/2034	770	692	698	745	707	769	718
2/1/2034	592	517	563	554	562	545	576
3/1/2034	451	476	452	466	515	503	450
4/1/2034	333	358	345	306	349	344	318
5/1/2034	185	195	195	151	185	200	182
6/1/2034	51	60	51	45	49	48	83
7/1/2034	5	4	10	4	5	5	12
8/1/2034	6	4	4	4	4	4	5
9/1/2034	56	59	65	56	53	70	69
10/1/2034	269	251	236	275	331	290	283
11/1/2034	548	541	562	536	575	556	576
12/1/2034	789	772	833	745	744	795	830
1/1/2035	662	623	752	762	738	743	748
2/1/2035	618	584	571	591	545	588	629
3/1/2035	485	485	502	495	493	452	462
4/1/2035	331	337	346	359	336	345	312
5/1/2035	159	183	140	191	152	141	172
6/1/2035	52	67	42	55	29	39	59
7/1/2035	6	5	5	6	5	7	10
8/1/2035	1	2	5	5	3	5	4
9/1/2035	70	43	71	60	67	60	84

Monthly HDDs

	Minimum Weather	1% Weather	25% Weather	50% Weather	75% Weather	99% Weather	Max Weather
10/1/2035	308	253	304	279	315	320	306
11/1/2035	560	524	640	560	569	532	577
12/1/2035	698	755	717	809	796	742	830
1/1/2036	831	724	720	691	719	741	788
2/1/2036	525	594	582	555	566	663	584
3/1/2036	452	448	483	442	484	492	464
4/1/2036	320	322	329	323	280	311	331
5/1/2036	154	152	150	161	149	177	147
6/1/2036	50	59	74	40	46	62	55
7/1/2036	5	3	5	6	5	6	7
8/1/2036	6	5	5	7	5	5	4
9/1/2036	60	72	74	76	60	64	67
10/1/2036	310	271	305	299	259	316	335
11/1/2036	581	553	548	577	535	554	524
12/1/2036	713	733	778	786	831	684	827
1/1/2037	699	707	702	730	751	715	739
2/1/2037	531	521	586	596	601	576	534
3/1/2037	490	494	456	428	453	495	482
4/1/2037	328	349	381	337	339	292	311
5/1/2037	158	159	178	164	171	170	170
6/1/2037	52	48	44	49	69	42	89
7/1/2037	7	7	3	3	6	4	2
8/1/2037	7	5	5	4	5	4	5
9/1/2037	47	66	63	69	77	69	53
10/1/2037	290	268	295	258	274	326	299
11/1/2037	550	584	539	551	571	498	521
12/1/2037	736	781	772	812	812	743	770
1/1/2038	717	708	758	743	660	808	816
2/1/2038	589	605	584	566	575	624	611
3/1/2038	476	484	535	479	457	481	481
4/1/2038	363	327	327	293	353	327	348
5/1/2038	213	146	168	154	168	171	110
6/1/2038	36	55	54	39	58	78	57
7/1/2038	6	8	5	3	6	8	6
8/1/2038	7	6	3	2	7	3	4
9/1/2038	51	57	65	65	84	78	69
10/1/2038	308	321	257	285	252	299	273
11/1/2038	549	546	542	493	549	544	552
12/1/2038	744	739	763	819	780	830	745
1/1/2039	708	735	743	761	744	704	748
2/1/2039	581	560	503	574	542	603	617
3/1/2039	491	441	488	472	445	490	490
4/1/2039	301	335	334	303	349	342	290
5/1/2039	161	125	146	180	137	119	143
6/1/2039	45	52	61	62	52	52	59
7/1/2039	3	6	7	2	5	6	5
8/1/2039	4	5	3	5	3	7	5
9/1/2039	69	74	72	90	72	67	54
10/1/2039	242	332	288	275	280	280	282
11/1/2039	590	513	518	491	583	570	534
12/1/2039	720	783	796	813	806	718	791

	Total System Cost (\$000)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
1/1/2020	129,020	129,027	129,076	129,080	129,085	129,025	129,029
2/1/2020	114,417	114,420	114,463	114,468	114,470	114,428	114,426
3/1/2020	106,104	106,106	106,148	106,148	106,150	106,105	106,108
4/1/2020	52,442	52,439	52,446	52,446	52,445	52,438	52,441
5/1/2020	52,720	52,721	52,726	52,726	52,727	52,721	52,721
6/1/2020	51,523	51,523	51,528	51,527	51,528	51,523	51,523
7/1/2020	54,494	54,494	54,538	54,538	54,538	54,494	54,494
8/1/2020	54,646	54,646	54,696	54,696	54,696	54,646	54,646
9/1/2020	52,759	52,759	52,812	52,811	52,813	52,760	52,760
10/1/2020	55,919	55,921	55,966	55,966	55,965	55,922	55,920
11/1/2020	14,454	14,623	14,594	15,297	15,039	15,665	15,184
12/1/2020	20,637	20,495	21,471	21,819	21,472	22,238	21,761
1/1/2021	16,451	16,167	16,336	16,103	16,814	16,826	16,874
2/1/2021	14,413	14,151	14,295	14,182	14,984	14,349	15,470
3/1/2021	14,121	13,697	14,295	14,336	14,500	14,259	14,606
4/1/2021	10,822	11,004	10,922	10,828	10,956	11,062	11,057
5/1/2021	13,731	13,588	13,856	13,941	13,850	14,035	13,957
6/1/2021	7,503	7,490	7,534	7,525	7,517	7,566	7,551
7/1/2021	6,970	6,957	7,004	6,994	6,986	7,037	7,021
8/1/2021	6,990	6,977	7,024	7,014	7,006	7,058	7,042
9/1/2021	8,083	8,218	8,132	8,320	8,253	8,160	8,309
10/1/2021	11,194	10,908	11,308	11,468	11,628	11,643	11,755
11/1/2021	16,353	16,501	16,542	16,126	16,908	16,738	17,210
12/1/2021	19,261	20,229	20,036	21,677	22,726	23,657	23,518
1/1/2022	16,514	16,677	16,657	16,700	17,023	16,820	17,212
2/1/2022	16,728	17,134	17,136	16,705	17,992	17,360	18,259
3/1/2022	15,223	15,018	15,369	15,156	15,159	15,198	15,177
4/1/2022	10,955	11,011	11,108	10,982	10,853	11,422	11,003
5/1/2022	10,565	10,597	10,693	11,669	11,117	11,281	11,340
6/1/2022	8,705	8,832	8,781	8,715	8,832	8,962	8,914
7/1/2022	8,158	8,285	8,238	8,159	8,288	8,421	8,375
8/1/2022	8,193	8,320	8,275	8,192	8,324	8,456	8,412
9/1/2022	8,321	8,170	8,404	8,184	8,288	8,360	8,376
10/1/2022	11,446	11,626	11,611	11,707	11,938	12,017	12,128
11/1/2022	16,096	16,202	16,387	16,862	16,929	17,224	17,324
12/1/2022	20,693	22,080	21,932	22,702	22,861	24,136	23,771
1/1/2023	16,619	16,698	16,901	17,056	17,016	17,583	17,686
2/1/2023	16,939	16,416	17,378	17,941	17,786	17,719	18,179
3/1/2023	14,910	14,912	15,105	15,162	15,237	15,167	15,298
4/1/2023	10,932	11,048	11,126	11,663	11,312	11,798	11,523
5/1/2023	10,050	10,588	10,070	9,935	10,424	10,230	10,468
6/1/2023	8,952	8,790	9,072	9,132	9,020	9,170	9,141
7/1/2023	8,308	8,138	8,461	8,529	8,409	8,542	8,511
8/1/2023	8,339	8,169	8,493	8,564	8,442	8,577	8,544
9/1/2023	8,659	8,346	8,789	8,578	8,480	8,512	8,601
10/1/2023	11,800	11,976	12,028	12,057	12,702	12,677	12,977
11/1/2023	16,528	16,769	17,019	16,939	17,004	17,358	17,347
12/1/2023	20,553	20,775	21,698	21,946	22,653	22,958	23,781
1/1/2024	15,859	16,245	16,283	16,897	16,503	17,230	16,732
2/1/2024	16,253	15,989	16,560	16,213	16,612	17,314	17,573
3/1/2024	15,824	16,073	16,333	16,417	16,486	16,541	16,585
4/1/2024	11,712	11,548	11,976	12,375	12,181	12,600	12,470
5/1/2024	13,889	14,273	14,080	14,621	14,740	14,351	14,905
6/1/2024	7,951	7,744	8,062	7,952	7,857	8,301	7,979
7/1/2024	8,221	8,006	8,371	8,254	8,155	8,583	8,248
8/1/2024	8,237	8,020	8,388	8,270	8,170	8,593	8,263
9/1/2024	8,372	8,319	8,495	8,665	8,566	8,882	8,714
10/1/2024	13,031	12,895	13,348	13,561	13,602	13,987	13,960
11/1/2024	17,567	16,817	18,110	17,693	17,984	17,872	18,489
12/1/2024	21,196	21,983	23,235	23,722	26,261	24,921	28,407
1/1/2025	16,768	16,649	17,067	17,204	17,192	17,713	17,418
2/1/2025	16,987	17,335	17,434	17,576	17,507	19,231	18,483
3/1/2025	16,401	16,377	16,820	16,971	17,050	16,804	17,074
4/1/2025	12,737	12,560	13,064	12,824	13,135	13,419	13,512
5/1/2025	10,551	10,719	10,534	10,351	10,530	11,036	10,524
6/1/2025	10,389	10,712	10,594	10,660	10,638	10,833	10,836

	Total System Cost (\$000)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
7/1/2025	9,310	9,255	9,668	9,736	9,713	9,654	9,912
8/1/2025	9,313	9,243	9,677	9,747	9,723	9,642	9,902
9/1/2025	9,445	9,270	9,620	9,577	9,704	9,579	9,925
10/1/2025	12,468	12,986	12,807	13,463	14,000	14,006	14,436
11/1/2025	17,358	17,704	17,994	17,961	17,947	18,526	18,463
12/1/2025	21,638	21,275	24,028	24,220	26,306	28,701	28,357
1/1/2026	17,341	17,259	17,666	17,662	17,793	19,469	18,825
2/1/2026	18,004	17,707	18,821	17,959	18,531	20,197	19,738
3/1/2026	16,684	16,783	17,299	17,376	17,457	17,206	17,347
4/1/2026	12,534	12,499	12,973	13,308	13,081	13,637	13,512
5/1/2026	10,138	10,153	10,335	10,380	10,359	10,743	10,698
6/1/2026	9,592	9,592	9,792	9,888	10,178	10,148	10,126
7/1/2026	9,768	9,785	10,163	10,261	10,196	10,361	10,339
8/1/2026	9,773	9,772	10,176	10,274	10,209	10,347	10,325
9/1/2026	9,836	9,716	10,035	10,170	10,069	10,441	10,370
10/1/2026	12,884	13,377	13,374	13,353	13,881	14,357	14,347
11/1/2026	17,570	17,376	18,357	18,453	18,436	19,628	19,126
12/1/2026	21,995	21,023	24,380	25,473	25,905	27,266	28,667
1/1/2027	17,493	17,566	17,977	17,723	18,865	18,330	19,986
2/1/2027	16,876	18,256	18,163	18,953	18,949	19,734	20,552
3/1/2027	16,784	16,857	17,639	17,414	17,558	17,422	17,286
4/1/2027	12,633	12,586	13,313	13,590	13,177	14,209	13,679
5/1/2027	10,227	10,387	10,437	10,495	10,719	10,955	11,114
6/1/2027	9,742	9,756	9,978	10,080	10,025	10,374	10,321
7/1/2027	9,888	9,903	10,364	10,470	10,413	10,541	10,486
8/1/2027	9,895	9,910	10,381	10,486	10,429	10,547	10,496
9/1/2027	10,046	9,876	10,317	10,381	10,204	10,482	10,495
10/1/2027	12,384	13,054	13,069	13,786	14,033	14,776	14,623
11/1/2027	17,641	17,438	18,517	18,380	18,125	19,396	18,842
12/1/2027	23,260	21,476	27,071	25,600	26,907	29,715	31,047
1/1/2028	17,714	17,717	18,122	18,335	18,170	18,332	18,957
2/1/2028	18,462	18,404	19,716	19,476	20,126	21,947	21,938
3/1/2028	16,820	16,860	17,581	17,697	17,781	17,517	17,485
4/1/2028	12,485	12,342	12,996	13,429	13,419	14,221	14,020
5/1/2028	10,426	10,316	10,689	10,668	10,908	11,215	11,292
6/1/2028	9,764	9,780	10,157	10,205	10,322	10,396	10,508
7/1/2028	9,977	9,919	10,561	10,610	10,731	10,566	10,722
8/1/2028	9,988	9,930	10,588	10,638	10,758	10,607	10,732
9/1/2028	10,034	9,984	10,322	10,420	10,569	10,694	10,836
10/1/2028	13,638	13,497	14,247	13,792	14,390	15,659	15,086
11/1/2028	17,653	17,363	18,693	19,337	19,512	20,130	20,755
12/1/2028	22,532	22,686	27,095	26,998	27,580	30,567	30,971
1/1/2029	17,717	17,623	18,196	18,217	18,279	20,729	19,967
2/1/2029	16,033	15,879	17,101	19,394	19,089	21,191	22,224
3/1/2029	16,795	16,879	17,695	17,659	17,677	17,407	17,331
4/1/2029	12,942	12,542	13,826	13,282	13,851	15,027	14,626
5/1/2029	10,402	10,454	10,657	10,690	10,660	11,084	11,045
6/1/2029	9,708	9,760	10,050	10,193	10,261	10,359	10,443
7/1/2029	9,905	9,941	10,471	10,618	10,689	10,600	10,638
8/1/2029	9,933	9,954	10,502	10,650	10,720	10,612	10,668
9/1/2029	10,121	10,112	10,376	10,407	10,524	10,769	10,817
10/1/2029	13,762	13,961	14,754	14,585	14,933	15,122	15,847
11/1/2029	17,818	18,276	18,978	18,740	18,363	20,111	19,348
12/1/2029	22,830	21,454	28,802	28,772	29,868	32,725	33,517
1/1/2030	17,710	17,666	18,320	18,546	18,296	20,544	19,435
2/1/2030	15,874	15,738	17,192	20,756	19,136	22,438	23,394
3/1/2030	16,862	16,965	17,814	17,844	17,785	17,830	17,556
4/1/2030	13,290	13,310	14,231	13,770	14,455	14,829	15,216
5/1/2030	10,560	10,594	10,942	10,938	10,700	11,309	11,120
6/1/2030	9,831	9,843	10,331	10,453	10,261	10,571	10,465

	Total System Cost (\$000)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
7/1/2030	10,039	10,032	10,760	10,885	10,687	10,812	10,638
8/1/2030	10,052	10,046	10,793	10,918	10,720	10,825	10,651
9/1/2030	10,157	10,327	10,553	10,669	10,479	11,289	10,810
10/1/2030	13,496	13,528	14,477	15,042	15,298	15,754	16,174
11/1/2030	18,048	17,545	19,445	18,884	19,678	21,113	21,005
12/1/2030	21,384	21,407	24,373	24,737	26,405	30,647	30,683
1/1/2031	17,792	18,319	21,222	22,616	21,704	24,702	24,840
2/1/2031	17,649	19,010	20,148	21,164	20,868	23,089	23,262
3/1/2031	16,886	16,935	17,969	17,850	18,075	18,140	18,244
4/1/2031	13,199	13,321	14,074	13,981	14,549	15,208	15,152
5/1/2031	10,395	10,556	10,784	10,884	10,940	11,429	11,513
6/1/2031	9,832	9,775	10,413	10,441	10,452	10,634	10,698
7/1/2031	10,004	9,950	10,852	10,881	10,892	10,797	10,962
8/1/2031	10,017	9,963	10,885	10,914	10,925	10,810	10,976
9/1/2031	10,372	10,193	10,758	10,742	10,795	11,126	11,179
10/1/2031	13,892	13,799	14,880	15,273	16,313	15,832	17,088
11/1/2031	18,249	17,639	19,928	19,266	19,945	21,619	21,900
12/1/2031	21,786	21,936	27,998	30,112	29,717	34,924	33,167
1/1/2032	18,027	18,327	19,021	18,708	20,244	24,131	23,834
2/1/2032	18,794	18,856	21,117	21,663	22,902	24,755	25,749
3/1/2032	16,911	17,098	18,294	18,044	18,358	18,851	19,647
4/1/2032	13,562	13,304	14,808	14,083	14,032	15,810	14,657
5/1/2032	10,602	10,486	10,985	10,908	11,170	11,416	11,780
6/1/2032	9,891	9,873	10,449	10,467	10,538	10,677	10,688
7/1/2032	10,039	9,983	10,900	10,919	10,992	10,857	11,082
8/1/2032	10,053	9,997	10,936	10,954	11,027	10,871	11,096
9/1/2032	10,014	9,912	10,784	10,790	10,994	10,966	11,122
10/1/2032	13,995	15,072	15,284	15,505	15,468	16,855	16,217
11/1/2032	18,014	18,162	20,002	20,798	20,460	23,008	22,633
12/1/2032	21,778	21,929	27,591	31,922	31,355	35,790	36,779
1/1/2033	18,358	18,408	19,733	19,076	20,222	21,799	22,851
2/1/2033	17,376	17,809	20,448	21,945	20,339	22,660	22,601
3/1/2033	16,925	16,832	18,969	18,017	19,501	20,243	21,042
4/1/2033	12,930	12,946	14,348	14,373	14,738	14,742	15,392
5/1/2033	10,650	10,689	10,977	11,084	11,365	11,865	12,022
6/1/2033	9,889	9,874	10,546	10,591	10,751	10,800	10,920
7/1/2033	10,200	10,207	11,008	11,054	11,220	11,201	11,325
8/1/2033	10,214	10,222	11,046	11,092	11,258	11,215	11,339
9/1/2033	10,193	10,023	11,049	10,906	11,006	11,166	11,178
10/1/2033	14,019	13,190	15,653	15,482	15,600	15,315	16,289
11/1/2033	17,701	17,931	19,853	20,317	21,118	22,576	23,496
12/1/2033	22,097	22,901	28,043	28,432	30,863	34,544	35,903
1/1/2034	18,308	18,595	21,096	20,948	22,913	25,336	26,259
2/1/2034	18,224	18,122	21,451	21,643	21,293	26,325	24,293
3/1/2034	16,800	16,902	18,650	19,043	19,670	21,311	21,414
4/1/2034	12,857	13,336	14,435	14,069	14,953	16,136	15,607
5/1/2034	10,763	10,727	11,171	11,272	11,295	11,742	12,125
6/1/2034	9,884	9,988	10,709	10,859	10,796	10,935	11,054
7/1/2034	10,259	10,262	11,187	11,342	11,276	11,078	11,466
8/1/2034	10,276	10,278	11,229	11,384	11,318	11,095	11,483
9/1/2034	10,297	10,215	11,091	11,208	11,101	11,138	11,292
10/1/2034	13,651	14,041	15,391	14,547	14,979	15,939	15,564
11/1/2034	18,520	18,075	20,887	21,260	20,598	23,758	23,152
12/1/2034	22,795	22,544	30,141	29,679	32,017	36,178	36,843
1/1/2035	18,608	18,591	19,806	21,231	20,593	24,084	24,071
2/1/2035	18,579	17,724	23,119	22,805	22,595	25,672	25,782
3/1/2035	17,195	17,048	19,263	20,500	19,485	21,576	21,571
4/1/2035	13,116	13,210	14,716	14,706	14,413	15,862	15,452
5/1/2035	10,874	10,512	11,410	11,179	11,357	12,006	12,002
6/1/2035	9,949	9,860	10,928	10,714	10,990	11,080	11,035
7/1/2035	10,328	10,012	11,419	11,197	11,481	11,497	11,449
8/1/2035	10,345	10,030	11,463	11,240	11,525	11,514	11,466
9/1/2035	10,159	10,068	11,190	11,014	11,400	11,270	11,422

	Total System Cost (\$000)						
	Low Growth - Minimum Weather	Low Growth - 1% Weather	Expected Growth - Minimum Weather	Expected Growth - Average Weather	Expected Growth - Maximum Weather	High Growth - 99% Weather	High Growth - Max Weather
10/1/2035	14,191	13,678	15,988	15,785	15,422	17,573	16,515
11/1/2035	18,571	18,181	21,093	20,908	21,971	24,285	24,617
12/1/2035	22,667	23,286	31,141	30,284	32,924	37,480	38,208
1/1/2036	18,752	19,276	20,286	20,639	21,536	24,969	25,785
2/1/2036	19,501	19,707	23,685	22,609	22,910	27,808	26,508
3/1/2036	16,934	17,386	18,985	19,742	20,441	22,665	22,505
4/1/2036	12,539	12,317	14,194	14,589	15,300	14,985	16,574
5/1/2036	11,034	10,901	11,668	11,565	11,411	12,456	12,060
6/1/2036	10,062	9,986	11,042	11,226	11,000	11,444	11,031
7/1/2036	10,447	10,368	11,541	11,731	11,498	11,873	11,447
8/1/2036	10,465	10,386	11,586	11,777	11,543	11,891	11,465
9/1/2036	10,380	10,418	11,336	11,576	11,163	11,743	11,151
10/1/2036	14,162	14,832	16,112	15,136	16,497	16,854	17,911
11/1/2036	18,309	19,260	21,241	21,390	21,616	26,496	24,548
12/1/2036	23,194	22,863	30,081	32,616	32,463	39,801	38,254
1/1/2037	19,074	18,647	22,014	22,657	22,735	26,995	26,758
2/1/2037	16,720	18,485	21,193	22,389	21,952	25,941	25,582
3/1/2037	17,286	16,958	19,781	20,255	20,224	23,114	22,799
4/1/2037	13,216	12,963	14,667	14,370	13,790	15,141	15,189
5/1/2037	10,848	10,726	11,734	11,742	11,615	12,925	12,304
6/1/2037	10,051	9,879	11,306	11,318	11,171	11,937	11,226
7/1/2037	10,447	10,269	11,844	11,857	11,703	12,394	11,608
8/1/2037	10,464	10,286	11,889	11,901	11,747	11,813	11,625
9/1/2037	10,218	10,044	11,522	11,500	11,506	12,011	11,654
10/1/2037	13,972	13,948	15,549	16,095	15,535	15,498	17,250
11/1/2037	18,820	17,508	22,314	23,865	23,005	26,018	25,902
12/1/2037	24,120	23,846	28,994	27,489	27,698	35,092	32,962
1/1/2038	20,792	19,370	27,813	26,799	27,873	33,101	33,705
2/1/2038	19,084	18,027	22,794	24,121	24,087	28,027	28,167
3/1/2038	16,989	17,205	20,276	21,683	21,702	24,010	23,925
4/1/2038	13,708	12,765	14,647	13,351	14,551	16,379	15,508
5/1/2038	11,370	11,596	12,188	12,090	12,120	12,915	13,035
6/1/2038	10,389	10,520	11,842	11,672	11,775	11,785	12,329
7/1/2038	10,156	10,292	12,497	12,321	12,426	11,596	12,159
8/1/2038	10,156	10,292	12,556	12,380	12,485	11,596	12,159
9/1/2038	10,627	10,162	12,308	12,008	12,080	11,755	12,097
10/1/2038	13,842	12,969	14,787	14,807	14,756	17,473	15,592
11/1/2038	19,288	18,151	23,361	24,068	22,647	26,605	25,821
12/1/2038	24,471	24,298	30,121	30,600	29,946	34,558	34,626
1/1/2039	19,922	19,950	25,632	24,781	26,653	31,255	33,730
2/1/2039	19,662	17,906	24,121	24,099	24,704	29,411	28,958
3/1/2039	17,523	17,479	21,741	22,483	21,784	24,680	24,575
4/1/2039	12,530	12,672	13,501	13,194	13,754	15,719	14,759
5/1/2039	10,742	10,701	12,103	12,374	12,240	12,719	12,528
6/1/2039	10,154	10,236	11,738	11,993	11,741	12,153	11,842
7/1/2039	10,587	10,671	12,384	12,646	12,387	12,650	12,330
8/1/2039	10,609	10,693	12,442	12,704	12,445	11,932	12,352
9/1/2039	10,372	10,494	12,038	12,301	12,018	12,402	11,982
10/1/2039	13,397	13,967	14,909	15,818	15,829	15,489	17,175
11/1/2039	19,041	18,181	23,799	25,129	23,628	26,447	26,829
12/1/2039	24,795	24,481	28,620	29,579	29,215	36,438	36,564