

Scenario 7 Summary

	Existing Thermal Generation MWh	SPP Generation MWh	New Thermal Generation MWh	Total Thermal Generation	Fuel Use	Fuel Costs	Fixed Gas Transportation	Variable Gas Transportation Costs \$/MCF	Fuel Cost \$/MCF
2012	865,133	0	142,925	1,008,058	9,019,095	\$62,523,692	\$1,280,604	\$0.175	\$6.62
2013	867,320	0	142,925	1,010,245	9,018,662	\$67,356,579	\$1,312,619	\$0.179	\$7.13
2014	164,429	423,000	423,395	1,010,824	8,078,505	\$60,984,121	\$1,345,435	\$0.184	\$7.20
2015	161,945	423,000	427,116	1,012,061	8,088,392	\$64,810,940	\$1,379,070	\$0.188	\$7.65
2016	161,310	423,000	430,838	1,015,148	8,113,063	\$68,279,307	\$1,413,547	\$0.193	\$8.05
2017	160,567	423,000	434,559	1,018,126	8,136,863	\$71,804,509	\$1,448,886	\$0.198	\$8.45
2018	159,658	423,000	438,280	1,020,938	8,159,336	\$75,307,642	\$1,485,108	\$0.203	\$8.84
2019	159,901	423,000	442,002	1,024,903	8,191,025	\$78,619,475	\$1,522,236	\$0.208	\$9.20
2020	160,884	423,000	445,723	1,029,607	8,228,619	\$82,038,388	\$1,560,292	\$0.213	\$9.57
2021	161,582	423,000	449,445	1,034,027	8,263,944	\$84,559,340	\$1,599,299	\$0.219	\$9.82
2022	162,347	423,000	453,166	1,038,513	8,299,796	\$85,193,873	\$1,639,281	\$0.224	\$9.84
2023	163,632	423,000	456,887	1,043,519	8,339,804	\$84,011,374	\$1,680,263	\$0.230	\$9.64
2024	165,091	423,000	460,609	1,048,700	8,381,210	\$84,601,209	\$1,722,270	\$0.235	\$9.65
2025	166,469	423,000	464,330	1,053,799	8,421,962	\$84,609,233	\$1,765,327	\$0.241	\$9.60
2026	169,804	423,000	466,025	1,058,829	8,462,161	\$86,329,139	\$1,809,460	\$0.247	\$9.74
2027	172,960	423,000	467,721	1,063,681	8,500,939	\$89,290,509	\$1,854,696	\$0.253	\$10.03
2028	176,156	423,000	469,416	1,068,572	8,540,027	\$93,085,706	\$1,901,064	\$0.260	\$10.42
2029	179,718	423,000	471,112	1,073,830	8,582,049	\$95,898,634	\$1,948,590	\$0.266	\$10.68
2030	183,169	423,000	472,807	1,078,976	8,623,176	\$99,022,788	\$1,997,305	\$0.273	\$10.98
2031	186,450	423,000	474,502	1,083,952	8,662,944	\$99,674,279	\$2,047,238	\$0.280	\$10.99
2032	189,750	423,000	476,198	1,088,948	8,702,872	\$100,329,217	\$2,098,419	\$0.287	\$11.00
2033	193,071	423,000	477,893	1,093,964	8,742,960	\$100,987,698	\$2,150,879	\$0.294	\$11.01
2034	196,411	423,000	479,589	1,099,000	8,783,208	\$101,649,819	\$2,204,651	\$0.301	\$11.02
2035	199,771	423,000	481,284	1,104,055	8,823,608	\$102,315,679	\$2,259,767	\$0.309	\$11.03

Assumptions

Fixed Transportation	\$1,280,604 per year	IRP p. A-6	\$106,717 X 12
Variable Transportation	0.175 per MCF	IRP p. A-6	
Heat Rates			
2012-2013	8947 MCF/kWh	Table 10	Scenario 2
2014-2035	7992 MCF/kWh	Table 10	Scenario 7

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