

Gas at \$7.50		Annual Nominal Levelized Capital Cost			Fixed O & M			Variable O & M	Fuel Costs			
		70% Capacity	35% Capacity	15% Capacity	70% Capacity	35% Capacity	15% Capacity	70,35,&15 Capacity	70,35,&15 Capacity	70% Capacity Total		
		(\$/kw)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/kW-yr)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	
Natural Gas	CCCT	\$ 104.00	\$ 16.96	\$ 33.92	\$ 79.15	\$ 11.52	\$ 1.88	\$ 3.76	\$ 8.77	\$ 3.04	\$ 52.66	\$ 74.54
Natural Gas	CCCT w/CSS	\$ 137.00	\$ 22.34	\$ 44.68	\$ 104.26	\$ 14.18	\$ 2.31	\$ 4.62	\$ 10.79	\$ 3.74	\$ 52.66	\$ 81.05
Natural Gas	CHP	\$ 139.00	\$ 22.67	\$ 45.34	\$ 105.78	\$ 24.19	\$ 3.94	\$ 7.89	\$ 18.41	\$ 1.27	\$ 39.96	\$ 67.84
Natural Gas	Internal Combust	\$ 117.00	\$ 19.08	\$ 38.16	\$ 89.04	\$ 13.32	\$ 2.17	\$ 4.34	\$ 10.14	\$ 5.41	\$ 66.75	\$ 93.41
Natural Gas	SCCT Aero	\$ 104.00	\$ 16.96	\$ 33.92	\$ 79.15	\$ 30.21	\$ 4.93	\$ 9.85	\$ 22.99	\$ 2.69	\$ 70.77	\$ 95.35
Natural Gas	SCCT Frame	\$ 73.00	\$ 11.90	\$ 23.81	\$ 55.56	\$ 7.50	\$ 1.22	\$ 2.45	\$ 5.71	\$ 4.83	\$ 78.75	\$ 96.71
Natural Gas	SCCT LMS	\$ 88.00	\$ 14.35	\$ 28.70	\$ 66.97	\$ 2.29	\$ 0.37	\$ 0.75	\$ 1.74	\$ 7.50	\$ 66.53	\$ 88.75
Natural Gas	Generic Regulating	\$ 102.00	\$ 16.63	\$ 33.27	\$ 77.63	\$ 7.81	\$ 1.27	\$ 2.55	\$ 5.94	\$ 6.46	\$ 66.75	\$ 91.12

Gas Price \$7.50/mmbtu

White columns from NWE, Capital Cost, Fixed O & M, and Variable O & M from NWE 2007 "Electricity Procurement Plan", Fuel Cost reported to PSC staff

Dark columns are Jergeson conversion to \$/MWh

Gas at \$6.50		Annual Nominal Levelized Capital Cost			Fixed O & M			Variable O & M	Fuel Costs			
		70% Capacity	35% Capacity	15% Capacity	70% Capacity	35% Capacity	15% Capacity	70,35,&15 Capacity	70,35,&15 Capacity	70% Capacity Total		
		(\$/kw)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/kW-yr)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	
Natural Gas	CCCT	\$ 104.00	\$ 16.96	\$ 33.92	\$ 79.15	\$ 11.52	\$ 1.88	\$ 3.76	\$ 8.77	\$ 3.04	\$ 45.64	\$ 67.52
Natural Gas	CCCT w/CSS	\$ 137.00	\$ 22.34	\$ 44.68	\$ 104.26	\$ 14.18	\$ 2.31	\$ 4.62	\$ 10.79	\$ 3.74	\$ 45.64	\$ 74.03
Natural Gas	CHP	\$ 139.00	\$ 22.67	\$ 45.34	\$ 105.78	\$ 24.19	\$ 3.94	\$ 7.89	\$ 18.41	\$ 1.27	\$ 34.63	\$ 62.51
Natural Gas	Internal Combust	\$ 117.00	\$ 19.08	\$ 38.16	\$ 89.04	\$ 13.32	\$ 2.17	\$ 4.34	\$ 10.14	\$ 5.41	\$ 57.85	\$ 84.51
Natural Gas	SCCT Aero	\$ 104.00	\$ 16.96	\$ 33.92	\$ 79.15	\$ 30.21	\$ 4.93	\$ 9.85	\$ 22.99	\$ 2.69	\$ 61.33	\$ 85.91
Natural Gas	SCCT Frame	\$ 73.00	\$ 11.90	\$ 23.81	\$ 55.56	\$ 7.50	\$ 1.22	\$ 2.45	\$ 5.71	\$ 4.83	\$ 68.25	\$ 86.21
Natural Gas	SCCT LMS	\$ 88.00	\$ 14.35	\$ 28.70	\$ 66.97	\$ 2.29	\$ 0.37	\$ 0.75	\$ 1.74	\$ 7.50	\$ 57.66	\$ 79.88
Natural Gas	Generic Regulating	\$ 102.00	\$ 16.63	\$ 33.27	\$ 77.63	\$ 7.81	\$ 1.27	\$ 2.55	\$ 5.94	\$ 6.46	\$ 57.85	\$ 82.22

Gas Price \$6.50/mmbtu

White columns from NWE; Capital Cost, Fixed O & M, and Variable O & M from NWE 2007 Electricity Procurement Plan", Fuel Cost converted from \$7.50/mmbtu

Dark columns are Jergeson conversion to \$/MWh

Gas at \$13.00		Annual Nominal Levelized Capital Cost			Fixed O & M			Variable O & M	Fuel Costs			
		70% Capacity	35% Capacity	15% Capacity	70% Capacity	35% Capacity	15% Capacity	70,35,&15 Capacity	70,35,&15 Capacity	70% Capacity Total		
		(\$/kw)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/kW-yr)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	(\$/MWh)	
Natural Gas	CCCT	\$ 104.00	\$ 16.96	\$ 33.92	\$ 79.15	\$ 11.52	\$ 1.88	\$ 3.76	\$ 8.77	\$ 3.04	\$ 91.28	\$ 113.16
Natural Gas	CCCT w/CSS	\$ 137.00	\$ 22.34	\$ 44.68	\$ 104.26	\$ 14.18	\$ 2.31	\$ 4.62	\$ 10.79	\$ 3.74	\$ 91.28	\$ 119.67
Natural Gas	CHP	\$ 139.00	\$ 22.67	\$ 45.34	\$ 105.78	\$ 24.19	\$ 3.94	\$ 7.89	\$ 18.41	\$ 1.27	\$ 69.26	\$ 97.15
Natural Gas	Internal Combust	\$ 117.00	\$ 19.08	\$ 38.16	\$ 89.04	\$ 13.32	\$ 2.17	\$ 4.34	\$ 10.14	\$ 5.41	\$ 115.70	\$ 142.36
Natural Gas	SCCT Aero	\$ 104.00	\$ 16.96	\$ 33.92	\$ 79.15	\$ 30.21	\$ 4.93	\$ 9.85	\$ 22.99	\$ 2.69	\$ 122.67	\$ 147.24
Natural Gas	SCCT Frame	\$ 73.00	\$ 11.90	\$ 23.81	\$ 55.56	\$ 7.50	\$ 1.22	\$ 2.45	\$ 5.71	\$ 4.83	\$ 136.50	\$ 154.46
Natural Gas	SCCT LMS	\$ 88.00	\$ 14.35	\$ 28.70	\$ 66.97	\$ 2.29	\$ 0.37	\$ 0.75	\$ 1.74	\$ 7.50	\$ 115.32	\$ 137.54
Natural Gas	Generic Regulating	\$ 102.00	\$ 16.63	\$ 33.27	\$ 77.63	\$ 7.81	\$ 1.27	\$ 2.55	\$ 5.94	\$ 6.46	\$ 115.70	\$ 140.07

Gas price \$13.00/mmbtu

White columns from NWE; Capital Cost, Fixed O & M, and Variable O & M from NWE 2007 Electricity Procurement Plan", Fuel Cost converted from \$7.50/mmbtu  
Dark columns are Jergeson conversion to \$/MWh

35% Capacity Total (\$/MWh)	15% Capacity Total (\$/MWh)
\$ 93.38	\$ 143.61
\$ 105.71	\$ 171.45
\$ 94.46	\$ 165.42
\$ 114.66	\$ 171.34
\$ 117.23	\$ 175.60
\$ 109.84	\$ 144.84
\$ 103.48	\$ 142.74
\$ 109.03	\$ 156.78

35% Capacity Total (\$/MWh)	15% Capacity Total (\$/MWh)
\$ 86.36	\$ 136.59
\$ 98.69	\$ 164.43
\$ 89.13	\$ 160.10
\$ 105.76	\$ 162.44
\$ 107.80	\$ 166.16
\$ 99.34	\$ 134.34
\$ 94.61	\$ 133.87
\$ 100.13	\$ 147.88

35% Capacity Total (\$/MWh)	15% Capacity Total (\$/MWh)
\$ 132.00	\$ 182.23
\$ 144.33	\$ 210.07
\$ 123.76	\$ 194.73
\$ 163.61	\$ 220.29
\$ 169.13	\$ 227.50
\$ 167.59	\$ 202.59
\$ 152.27	\$ 191.53
\$ 157.98	\$ 205.73

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