

PA RGGI Unit by Unit Price Adder by Primary Fuel – V.J. Brisini, Olympus Power

Facility Name	Facility ID (ORISPL)	Unit ID	Year	Gross Load (MW-h)	CO2 (short tons)	Heat Input (MMBtu)	Fuel Type (Primary)	RGGI Price Adder (\$/MWh net)
Cheswick	8226	1	2019	914,138.2	1,019,075.5	10,010,738.8	Coal	\$6.65
Homer City	3122	1	2019	2,487,061.3	2,526,819.1	24,627,891.8	Coal	\$6.06
Homer City	3122	2	2019	1,914,388.4	1,984,088.5	19,338,078.7	Coal	\$6.19
				5,315,588.0	5,529,983.1	53,976,709.4		
Bruce Mansfield	6094	3	2019	834,305.9	864,496.4	8,425,913.0	Coal	\$6.18
				6,149,893.9	6,394,479.4	62,402,622.3		
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Brunot Island Power Station	3096	2A	2019	19,429.0	16,921.2	284,726.9	Pipeline Natural Gas	\$5.20
Eddystone Generating Station	3161	3	2019	5,475.5	5,115.0	79,000.1	Pipeline Natural Gas	\$5.58
Eddystone Generating Station	3161	4	2019	8,066.1	7,015.7	113,026.3	Pipeline Natural Gas	\$5.19
Portland	3113	5	2019	1,372.8	1,268.4	15,631.8	Pipeline Natural Gas	\$5.51
Warren	3132	5	2019	2,599.0	2,272.8	38,851.9	Pipeline Natural Gas	\$5.22
				36,942.4	32,593.2	531,237.0		
Conemaugh	3118	1	2019	5,807,857.5	5,694,467.8	55,580,417.4	Coal	\$5.85
Conemaugh	3118	2	2019	6,004,753.7	5,764,801.9	56,233,721.3	Coal	\$5.73
Homer City	3122	3	2019	3,142,920.6	3,151,883.6	30,720,107.5	Coal	\$5.99
Keystone	3136	1	2019	6,498,401.8	6,345,067.5	61,842,783.8	Coal	\$5.83
Keystone	3136	2	2019	5,377,298.3	5,181,173.0	50,498,750.4	Coal	\$5.75
Montour, LLC	3149	1	2019	445,268.2	440,498.2	4,293,340.5	Coal	\$5.90
Montour, LLC	3149	2	2019	762,060.8	710,178.0	6,921,808.8	Coal	\$5.56
				28,038,560.8	27,288,069.8	266,090,929.7		
				28,075,503.1	27,320,663.0	266,622,166.7		
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Brunner Island, LLC	3140	1	2019	678,641.2	538,727.3	6,909,032.0	Coal	\$4.74
Brunner Island, LLC	3140	2	2019	492,835.5	385,747.4	4,979,222.9	Coal	\$4.67
Brunner Island, LLC	3140	3	2019	1,734,126.8	1,445,273.2	16,727,508.9	Coal	\$4.97
Brunot Island Power Station	3096	2B	2019	19,008.8	15,115.8	254,349.2	Pipeline Natural Gas	\$4.75
Brunot Island Power Station	3096	3	2019	17,944.1	14,044.9	236,312.4	Pipeline Natural Gas	\$4.67
Grays Ferry Cogen Partnership	54785	2	2019	789,466.4	586,669.4	9,871,839.3	Pipeline Natural Gas	\$4.44
Grays Ferry Cogen Partnership	54785	25	2019	178,530.5	130,596.1	2,232,412.5	Pipeline Natural Gas	\$4.37
Handsome Lake Energy	55233	EU-1A	2019	13,991.6	10,133.9	171,790.6	Pipeline Natural Gas	\$4.32
Handsome Lake Energy	55233	EU-1B	2019	15,961.9	11,651.4	197,526.5	Pipeline Natural Gas	\$4.36
Handsome Lake Energy	55233	EU-2A	2019	8,460.8	6,190.0	104,956.6	Pipeline Natural Gas	\$4.37
Handsome Lake Energy	55233	EU-2B	2019	8,490.9	6,212.8	105,346.1	Pipeline Natural Gas	\$4.37
Handsome Lake Energy	55233	EU-3A	2019	7,927.5	5,797.0	98,255.6	Pipeline Natural Gas	\$4.36
Handsome Lake Energy	55233	EU-3B	2019	7,841.1	5,734.9	97,201.4	Pipeline Natural Gas	\$4.37
Handsome Lake Energy	55233	EU-4A	2019	8,972.7	6,587.4	111,676.6	Pipeline Natural Gas	\$4.38
Handsome Lake Energy	55233	EU-4B	2019	7,635.2	5,557.7	94,218.0	Pipeline Natural Gas	\$4.34
Handsome Lake Energy	55233	EU-5A	2019	14,878.3	10,769.5	182,621.4	Pipeline Natural Gas	\$4.32
Handsome Lake Energy	55233	EU-5B	2019	16,823.3	12,266.0	207,983.3	Pipeline Natural Gas	\$4.35
Hazleton Generation	10870	TURB2	2019	3,512.8	2,583.7	43,271.6	Pipeline Natural Gas	\$4.39
Hazleton Generation	10870	TURB3	2019	3,921.5	2,690.0	45,114.6	Pipeline Natural Gas	\$4.09
Hazleton Generation	10870	TURB4	2019	3,760.5	2,680.7	43,004.2	Pipeline Natural Gas	\$4.25
Hazleton Generation	10870	TURB1	2019	3,679.2	2,980.9	49,352.3	Pipeline Natural Gas	\$4.84
Martins Creek, LLC	3148	4	2019	145,726.0	98,400.1	1,642,559.0	Residual Oil see below	\$4.03
Shawville	3131	1	2019	49,799.1	33,850.0	569,572.6	Pipeline Natural Gas	\$4.06
Shawville	3131	2	2019	63,772.1	43,300.2	728,593.8	Pipeline Natural Gas	\$4.05
Veolia Energy Philadelphia - Schuylkill	50607	26	2019	83,552.5	58,653.9	1,002,630.3	Pipeline Natural Gas	\$4.19
Veolia Energy Philadelphia - Schuylkill	50607	RSB1	2019	22,423.4	15,741.2	269,080.9	Pipeline Natural Gas	\$4.19
Veolia Energy Philadelphia - Schuylkill	50607	RSB2	2019	21,738.3	15,260.3	260,860.1	Pipeline Natural Gas	\$4.19
				4,423,421.8	3,473,215.8	47,236,292.7		

≥\$6.00

≥\$5.00<\$6.00

≥\$4.00<\$5.00

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Birdsboro Power	61035	1	2019	2,023,515.1	788,391.6	13,266,210.9	Pipeline Natural Gas	\$2.33
CPV Fairview, LLC	60589	CT-1	2019	188,670.7	74,138.1	1,247,527.9	Natural Gas	\$2.35
CPV Fairview, LLC	60589	CT-2	2019	168,542.5	66,310.0	1,115,804.0	Natural Gas	\$2.35
Dynergy Fayette II, LLC	55516	CTG1	2019	2,594,991.6	1,073,663.3	18,066,514.4	Pipeline Natural Gas	\$2.47
Dynergy Fayette II, LLC	55516	CTG2	2019	2,578,149.4	1,045,407.8	17,591,002.8	Pipeline Natural Gas	\$2.42
Fairless Energy Center	55298	1A	2019	1,974,988.6	758,048.8	12,755,644.3	Pipeline Natural Gas	\$2.29
Fairless Energy Center	55298	1B	2019	1,627,335.6	649,653.9	10,931,687.2	Pipeline Natural Gas	\$2.38
Fairless Energy Center	55298	2A	2019	1,805,526.9	715,680.2	12,042,748.8	Pipeline Natural Gas	\$2.37
Fairless Energy Center	55298	2B	2019	1,848,126.2	754,742.5	12,700,031.5	Pipeline Natural Gas	\$2.44
Lackawanna Energy Center	60357	1	2019	3,643,998.2	1,402,229.8	23,595,242.8	Pipeline Natural Gas	\$2.30
Lackawanna Energy Center	60357	2	2019	3,539,453.8	1,360,764.4	22,897,481.5	Pipeline Natural Gas	\$2.29
Lackawanna Energy Center	60357	3	2019	3,199,758.2	1,229,040.5	20,680,958.7	Pipeline Natural Gas	\$2.29
Marcus Hook Energy, LP	55801	1	2019	1,471,098.2	608,442.0	10,238,242.7	Pipeline Natural Gas	\$2.47
Marcus Hook Energy, LP	55801	2	2019	1,553,064.7	641,536.1	10,795,138.7	Pipeline Natural Gas	\$2.47
Marcus Hook Energy, LP	55801	3	2019	1,551,456.2	629,971.7	10,600,471.9	Pipeline Natural Gas	\$2.42
Moxie Freedom Generation Plant	59906	201	2019	3,661,674.5	1,426,988.2	24,011,754.7	Pipeline Natural Gas	\$2.33
Moxie Freedom Generation Plant	59906	202	2019	3,388,537.3	1,322,544.2	22,254,351.8	Pipeline Natural Gas	\$2.33
Ontelaunee Energy Center	55193	CT1	2019	2,062,194.0	854,670.2	14,381,258.9	Pipeline Natural Gas	\$2.47
Ontelaunee Energy Center	55193	CT2	2019	1,904,201.2	788,062.7	13,260,642.6	Pipeline Natural Gas	\$2.47
Panda Hummel Station	60368	CT1	2019	2,122,264.2	880,176.0	14,810,695.0	Pipeline Natural Gas	\$2.48
Panda Hummel Station	60368	CT2	2019	1,961,630.8	814,100.7	13,698,778.9	Pipeline Natural Gas	\$2.48
Panda Hummel Station	60368	CT3	2019	1,642,061.9	669,198.4	11,260,543.3	Pipeline Natural Gas	\$2.43
Panda Liberty Power Project	58420	CT1	2019	2,658,228.0	1,064,595.7	17,913,852.2	Pipeline Natural Gas	\$2.39
Panda Liberty Power Project	58420	CT2	2019	2,405,110.8	965,642.1	16,248,732.2	Pipeline Natural Gas	\$2.40
Panda Patriot Generation Plant	58426	CT1	2019	2,053,884.5	809,399.3	13,619,767.4	Pipeline Natural Gas	\$2.35
Panda Patriot Generation Plant	58426	CT2	2019	1,965,537.4	772,174.2	12,993,261.7	Pipeline Natural Gas	\$2.34
Tenaska Westmoreland Generating Station	60464	101	2019	2,489,694.2	1,023,716.4	17,226,041.7	Pipeline Natural Gas	\$2.45
Tenaska Westmoreland Generating Station	60464	102	2019	2,798,989.8	1,148,532.7	19,326,270.1	Pipeline Natural Gas	\$2.45
				60,882,684.2	24,337,821.3	409,530,658.4		
PA Totals Natural Gas and Coal - BM# CO2 converted to natural gas				124,463,231.6	66,727,690.7	1,026,025,895.8	\$374,342,344.66	
RGGI adder ≥\$2.00 <\$3.50				72,276,617.1	30,015,042.2	504,996,116.9	\$168,384,386.90	
RGGI adder ≥\$3.50<\$4.00				13,537,795.6	8,605,816.4	144,768,697.2	\$48,278,629.85	
RGGI adder ≥\$4.00<\$5.00				4,423,421.8	3,473,215.8	47,236,292.7	\$19,484,740.64	
RGGI adder ≥\$5.00<\$6.00				28,038,560.8	27,288,069.8	266,090,929.7	\$153,086,071.84	
RGGI adder ≥\$5.00<\$6.00				36,942.4	32,593.2	531,237.0	\$182,847.67	
RGGI adder ≥\$5.00<\$6.00 Total				28,075,503.1	27,320,663.0	266,622,166.7	\$153,268,919.52	
RGGI adder ≥\$6.00				5,315,588.0	5,529,983.1	53,976,709.4	\$31,023,204.97	
RGGI adder ≥\$6.00				834,305.9	864,496.4	8,425,913.0	\$4,849,824.53	
RGGI adder ≥\$6.00 Total				6,149,893.9	6,394,479.4	62,402,622.3	\$42,267,508.92	

<\$2.50