



ESG/Sustainability Template – Quantitative Information

Parent Company: *Public Service Enterprise Group Inc*
Operating Company(s): *PSE&G, PSEG Power, PSEG Service Corporation*
Business Type(s): *Competitive Integrated*
State(s) of Operation: *NJ,NY,MD, CT*
State(s) with RPS Programs:
Regulatory Environment: *Both regulated and unregulated*
Report Date: *9/1/2018*

	Last Year	Current Year
	2016	2017
Refer to the 'Definitions' tab for more information on each metric		

Portfolio

Owned Nameplate Generation Capacity at end of year (MW)	12,006	10,976
Coal	2,356	1,159
Natural Gas	4,831	4,909
Nuclear	3,715	3,715
Petroleum	569	569
Total Renewable Energy Resources	535	624
Biomass/Biogas	0	0
Geothermal	0	0
Hydroelectric	210	210
Solar	325	414
Wind	0	0
Other	0	0
Net Generation for the data year (MWh)	52,433,000	52,795,000
Coal	4,877,000	5,418,000
Natural Gas	17,158,000	13,932,000
Nuclear	29,553,000	31,806,000
Petroleum	657,000	665,000
Total Renewable Energy Resources	188,000	487,000
Biomass/Biogas	0	0
Geothermal	0	0
Hydroelectric	-102,000	-81,000
Solar	290,000	568,000
Wind	0	0
Other	0	0

Emissions

GHG Emissions: Carbon Dioxide (CO₂) and Carbon Dioxide Equivalent (CO₂e)		
Note: The alternatives available below are intended to provide flexibility in reporting GHG emissions, and should be used to the extent appropriate for each company.		
Owned Generation		
Carbon Dioxide (CO ₂)		
Total Owned Generation CO ₂ Emissions (MT)		12156176.9
Total Owned Generation CO ₂ Emissions Intensity (MT/Net MWh)		0.232396
Carbon Dioxide Equivalent (CO ₂ e)		



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Total Owned Generation CO ₂ e Emissions (MT)	14,120,300	13,043,184
Total Owned Generation CO ₂ e Emissions Intensity (MT/Net MWh)	0.274	0.249
Non-Generation CO₂e Emissions		
Fugitive CO ₂ e emissions of sulfur hexafluoride (MT)		1,972.71
Fugitive CO ₂ e emissions from natural gas distribution (MT)		673,013.80
Nitrogen Oxide (NO_x), Sulfur Dioxide (SO₂), Mercury (Hg)		
Generation basis for calculation	Fossil	
Nitrogen Oxide (NO_x)		
Total NO _x Emissions (MT)	7,974	4,434
Total NO _x Emissions Intensity (MT/Net MWh)	0.000155	0.000085
Sulfur Dioxide (SO₂)		
Total SO ₂ Emissions (MT)	8,138	7,360
Total SO ₂ Emissions Intensity (MT/Net MWh)	0.000158	0.000141
Mercury (Hg)		
Total Hg Emissions (kg)	20.0	15.0
Total Hg Emissions Intensity (kg/Net MWh)	0.0000004	0.00000029

Resources

Human Resources

Total Number of Employees	13,053	12,945
Total Number on Board of Directors/Trustees	11	11
Total Women on Board of Directors/Trustees	2	2
Total Minorities on Board of Directors/Trustees	4	4
Employee Safety Metrics		
Recordable Incident Rate	0.90	0.87
Lost-time Case Rate	0.36	0.38
Days Away, Restricted, and Transfer (DART) Rate	0.67	0.53
Work-related Fatalities	0.00	0.00

Fresh Water Resources

Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.00000017	0.00000014
Water Withdrawals - Non-Consumptive (Billions of Liters/Net MWh)	0.00000143	0.00000020



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Waste Products		
Amount of Hazardous Waste Manifested for Disposal (MT)	8,034.20	8,367.90
Percent of Coal Combustion Products Beneficially Used	100%	100%

Additional Metrics (Optional)		
<i>Insert additional rows in this section as necessary.</i>		

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