



EEI ESG/Sustainability Template – Section 2: Quantitative Information

Disclaimer: All information below is being provided on a voluntary basis, and as such, companies may elect to include or exclude any of the topics outlined below and customize the template to their specific needs. The decision to include data for historical and future years is at the discretion of each company and the specific years (e.g., historical baseline) should be chosen as appropriate for each company.

Parent Company: Consolidated Edison, Inc.
Operating Company(s): Consolidated Edison Company of New York (CECONY), Orange & Rockland Utilities (O&R), Con Edison Clean Energy Businesses (CEBs), Con Edison Transmission (CET)
Business Type(s): Energy and Utilities Holding Company
State(s) of Operation: Primarily New York and New Jersey through its Utilities' operations
State(s) with RPS Programs:
Regulatory Environment: Both regulated and deregulated
Report Date: 5/16/2019
Comments: Quantitative information disclosed herein corresponds to CECONY, except where noted in the Comments field

Ref. No.	Refer to the Definitions tab for more information on each metric	Baseline	Last Year	Current Year	Next Year	Future Year	Comments, Links, Additional Information, and Notes
		2005	2017	2018	2019	2021	
		Actual	Actual	Actual	Target	Target	
Portfolio							
1	Owned Nameplate Generation Capacity at end of year (MW)						
1.1	Coal						
1.2	Natural Gas	904	743	743	743	743	All Natural Gas Capacity Units have dual fuel capability, but predominantly operate on N. Gas; total capacity
1.3	Nuclear						
1.4	Petroleum	103	86	86	86	86	Nameplate capacity will change for 2021 due to the pending retirement of a simple cycle combustion unit.
1.5	Total Renewable Energy Resources						
1.5.1	Biomass/Biogas						
1.5.2	Geothermal						
1.5.3	Hydroelectric						
1.5.4	Solar	0	1,067	2,220			Reflects Con Edison Clean Energy Businesses (CEB) portfolio
1.5.5	Wind	0	291	414			Reflects Con Edison Clean Energy Businesses (CEB) portfolio
1.6	Other						
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options							
2	Net Generation for the data year (MWh)						
2.1	Coal						
2.2	Natural Gas	2,181,551	3,077,400	2,931,961	2,869,492	2,998,892	Net Generation was distributed based on fuel distribution ratios
2.3	Nuclear						
2.4	Petroleum	80,129	18,361	24,607	24,938	24,908	
2.5	Total Renewable Energy Resources						
2.5.1	Biomass/Biogas						
2.5.2	Geothermal						
2.5.3	Hydroelectric						
2.5.4	Solar		2,158,000	2,680,270			Reflects Con Edison Clean Energy Businesses (CEB) portfolio
2.5.5	Wind		988,000	1,073,969			Reflects Con Edison Clean Energy Businesses (CEB) portfolio
2.6	Other	3,925,534	3,929,056	3,634,977	3,710,552	4,014,040	Useful thermal (steam) energy produced from the CHPs expressed in MWh
Use the data organizer on the left (i.e., the plus/minus symbol) to open/close the alternative generation reporting options							
3	Investing in the Future: Capital Expenditures, Energy Efficiency (EE), and Smart Meters						
3.1	Total Annual Capital Expenditures (nominal dollars in millions)		\$ 3,606	\$5,249	\$ 3,627	\$ 4,268	Reflects Con Edison Inc. as reported in the company's annual reports
3.2	Incremental Annual Electricity Savings from EE Measures (MWh)	0	364,978	408,462	391,000	397,000	Figures presented reflects 2020; Numbers for 2020 are subject to change to comply with forthcoming cor
3.3	Incremental Annual Investment in Electric EE Programs (nominal dollars)	0	\$ 108,250,709	\$ 115,312,907	\$ 191,500,000	\$ 145,789,142	Figures presented reflects 2020; Numbers for 2020 are subject to change to comply with forthcoming cor
3.4	Percent of Total Electric Customers with Smart Meters (at end of year)	0	3.4%	20%	20%	80%	Reflects CECONY only; installation of electric smart meters commenced in 2017
4	Retail Electric Customer Count (at end of year)						
4.1	Commercial	515,724	596,125	608,126			
4.2	Industrial						
4.3	Residential	2,746,636	2,959,378	2,987,813			
Emissions							
5	GHG Emissions: Carbon Dioxide (CO2) and Carbon Dioxide Equivalent (CO2e)						
	<i>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.</i>						
5.1	Owned Generation (1) (2) (3)						The form should be modified to accommodate all useful energy output from CHP units. Otherwise, emit
5.1.1	Carbon Dioxide (CO2)						
5.1.1.1	Total Owned Generation CO2 Emissions (MT)		1,898,237	1,857,028	1,780,525	1,791,107	
5.1.1.2	Total Owned Generation CO2 Emissions Intensity (MT/Net MWh)		0.270	0.282	0.270	0.254	Includes the useful thermal (steam) energy produced from the CHPs expressed in MWh
5.1.2	Carbon Dioxide Equivalent (CO2e)						
5.1.2.1	Total Owned Generation CO2e Emissions (MT)		1,900,191	1,858,988	1,782,468	1,793,048	
5.1.2.2	Total Owned Generation CO2e Emissions Intensity (MT/Net MWh)		0.271	0.282	0.270	0.255	Includes the useful thermal (steam) energy produced from the CHPs expressed in MWh

5.2	Purchased Power (4)					
5.2.1	Carbon Dioxide (CO2)					
5.2.1.1	Total Purchased Generation CO2 Emissions (MT)	10,747,080	5,544,959	5,898,242		
5.2.1.2	Total Purchased Generation CO2 Emissions Intensity (MT/Net MWh)	0.370	0.288	0.288		
5.2.2	Carbon Dioxide Equivalent (CO2e)					
5.2.2.1	Total Purchased Generation CO2e Emissions (MT)	10,780,392	5,556,296	5,910,302		
5.2.2.2	Total Purchased Generation CO2e Emissions Intensity (MT/Net MWh)	0.370	0.289	0.289		
5.3	Owned Generation + Purchased Power					
5.3.1	Carbon Dioxide (CO2)					
5.3.1.1	Total Owned + Purchased Generation CO2 Emissions (MT)					
5.3.1.2	Total Owned + Purchased Generation CO2 Emissions Intensity (MT/Net MWh)					
5.3.2	Carbon Dioxide Equivalent (CO2e)					
5.3.2.1	Total Owned + Purchased Generation CO2e Emissions (MT)					
5.3.2.2	Total Owned + Purchased Generation CO2e Emissions Intensity (MT/Net MWh)					
5.4	Non-Generation CO2e Emissions					
5.4.1	Fugitive CO2e emissions of sulfur hexafluoride (MT) (5)	1,943,791	83,147	74,743		82,736
5.4.2	Fugitive CO2e emissions from natural gas distribution (MT) (6)		238,464	228,684	213,898	201,234
6	Nitrogen Oxide (NOx), Sulfur Dioxide (SO2), Mercury (Hg)					
6.1	Generation basis for calculation (7)	Fossil				
6.2	Nitrogen Oxide (NOx)					
6.2.1	Total NOx Emissions (MT)	1,165	621	637	618	571
6.2.2	Total NOx Emissions Intensity (MT/Net MWh)		0.0001	0.0001	0.0001	0.0001
6.3	Sulfur Dioxide (SO2)					
6.3.1	Total SO2 Emissions (MT)	382	68	71	65	55
6.3.2	Total SO2 Emissions Intensity (MT/Net MWh)		0.00001	0.00001	0.00001	0.00001
6.4	Mercury (Hg)					
6.4.1	Total Hg Emissions (kg)					
6.4.2	Total Hg Emissions Intensity (kg/Net MWh)					

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Resources						
7	Human Resources					
7.1	Total Number of Employees	13,145	13,698	13,352		
7.2	Total Number on Board of Directors/Trustees	11	10*	10**		* These numbers reflect the number of Directors and the number that were women and minorities prior to
7.3	Total Women on Board of Directors/Trustees	2	2*	3		** This number reflects the number of Directors on the Board as of May 21, 2018. As of January 1, 2018, t
7.4	Total Minorities on Board of Directors/Trustees	3	2*	3		
7.5	Employee Safety Metrics					
7.5.1	Recordable Incident Rate	3.46	1.17	1.32		
7.5.2	Lost-time Case Rate		0.60	0.79		
7.5.3	Days Away, Restricted, and Transfer (DART) Rate		0.70	0.87		
7.5.4	Work-related Fatalities	0	0	0		
8	Fresh Water Resources					
8.1	Water Withdrawals - Consumptive (Billions of Liters/Net MWh)	0.00	0.00	0		Consumptive water usage is negligible for electric production
8.2	Water Withdrawals - Non-consumptive (Billions of Liters/Net MWh)	0.00	0.00	0		
9	Waste Products					
9.1	Amount of Hazardous Waste Manifested for Disposal		10,600	14,726		
9.2	Percent of Coal Combustion Products Beneficially Used					

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