

Consolidated Edison Company of New York, Inc.

Attachment 1

Case 15-E-0751, In the Matter of the Value of Distributed Energy Resources

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Order Adopting Net Metering Successor Tariff with modifications issued and effective August 13, 2021

CBC Statement 5 Workpapers

CBC Rate Design for Phase One NEM and Value Stack

Programs included in CBC calculation	SC 1	SC 2	NYPA Rate I
(1) Clean Energy Fund (CEF) per kWh	\$0.006441	\$0.006441	\$0.000000
(2) Low Income Program			
Actual spend last 12 months			159,981,027
Allocation % to SC	40.877%	8.576%	7.763%
\$ Allocation Amount	65,395,533.27	13,719,186.75	12,419,120.47
GWh per SC	13,285	2,293	6,569
per kWh rate	\$0.004922	\$0.005983	\$0.001890
(3) Energy Efficiency Program			
Program Budget (in Base Rates)			61,566,000
Allocation % to SC excl NYPA	45.846%	9.618%	0.000%
\$ Allocation Amount	28,225,367.85	5,921,338.56	-
GWh per SC	13,285	2,293	6,569
per kWh rate	\$0.002125	\$0.002583	\$0.000000
(4) Emergency Summer Cooling Credits (ESCC)			
Estimated recoveries from 12/22 to 11/23			2,126,502
Allocation % to SC	40.877%	8.576%	7.763%
\$ Allocation Amount	869,251.49	182,358.38	165,077.62
GWh per SC	13,285	2,293	6,569
per kWh rate	\$0.000065	\$0.000080	\$0.000025

SUBTOTAL

Per kWh Public Benefit Costs	\$0.013553	\$0.015086	\$0.001916
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Technology Monthly kWh Production of 1 kW in CBC per kW installed

Solar PV	103.7	\$1.41	\$1.56	\$0.20
Wind	103.7	\$1.41	\$1.56	\$0.20
Micro-Hydroelectric	103.7	\$1.41	\$1.56	\$0.20
Fuel Cells/Micro-CHP/Farm Waste	635.1	\$8.61	\$9.58	\$1.22

PHASE ONE NEM**CBC cost per installed kW**

	SC 1	SC 2	NYPA Rate I
Solar PV	\$1.41	\$1.56	\$0.20
Wind	\$1.41	\$1.56	\$0.20
Micro-Hydroelectric	\$1.41	\$1.56	\$0.20
Fuel Cells/Micro-CHP/Farm Waste	\$8.61	\$9.58	\$1.22

% self consumed energy

50%

70%

70%

VALUE STACK**CBC cost per installed kW**

	SC 1	SC 2	NYPA Rate I
Solar PV	\$0.70	\$1.09	\$0.14
Wind	\$0.70	\$1.09	\$0.14
Micro-Hydroelectric	\$0.70	\$1.09	\$0.14
Fuel Cells/Micro-CHP/Farm Waste	\$4.30	\$6.71	\$0.85

% self consumed energy

Residential factor

50%

Small Commercial factor

70%

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Determining the Public Policy %

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	SC 1	SC 2	NYPA Rate I	Total
Revenue Allocation based on 2024 RY	2,924,597,824	613,545,019	555,403,877	7,154,619,582
% allocation	40.9%	8.6%	7.8%	100.0%
Revenue Allocation excl NYPA based on 2024 RY	2,924,597,824	613,545,019		6,379,218,530
% allocation excl NYPA	45.8%	9.6%	0.0%	100.0%
Customer Charge Rev	700,879,300	180,755,020		883,427,936
Revenue excl Cust Chg Rev	2,223,718,524	432,789,999	555,403,877	6,271,191,646