

**Consolidated Edison Company of New York, Inc.**

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

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

CBC Workpapers

CBC Rate Design for Phase One NEM and Value Stack

Programs included in CBC calculation		SC 1	SC 2
<b>(1) Clean Energy Fund (CEF) per kWh</b>		\$0.004900	\$0.004900
<b>(2) Low Income Program</b>			
Actual spend last 12 months			85,147,902
Allocation % to SC	38.829%		8.270%
\$ Allocation Amount	33,062,086.14		7,041,962.06
GWh per SC	14,034		2,373
per kWh rate	\$0.002356		\$0.002967
<b>(3) Energy Efficiency Program</b>			
Program Budget (in Base Rates)			47,427,352
Allocation % to SC excl NYPA	43.528%		9.271%
\$ Allocation Amount	20,644,410.65		4,397,095.69
GWh per SC	14,034		2,373
per kWh rate	\$0.001471		\$0.001853
<b>(4) Emergency Summer Cooling Credits (ESCC)</b>			
Estimated recoveries from 2/21 to 11/21			10,749,635
Allocation % to SC	38.829%		8.270%
\$ Allocation Amount	4,173,976.58		889,023.90
GWh per SC	14,034		2,373
per kWh rate	\$0.000297		\$0.000375

**SUBTOTAL****Per kWh Public Benefit Costs****\$0.009024****\$0.010094**

Technology	Monthly kWh Production of 1 kW installed	CBC per kW installed	
Solar PV	103.7	\$0.94	\$1.05
Wind	103.7	\$0.94	\$1.05
Micro-Hydroelectric	103.7	\$0.94	\$1.05
Fuel Cells/Micro-CHP/Farm Waste	635.1	\$5.73	\$6.41

**PHASE ONE NEM****CBC cost per installed kW****SC 1****SC 2**

Solar PV	\$0.94	\$1.05
Wind	\$0.94	\$1.05
Micro-Hydroelectric	\$0.94	\$1.05
Fuel Cells/Micro-CHP/Farm Waste	\$5.73	\$6.41

% self consumed energy

50%

70%

**VALUE STACK****CBC cost per installed kW****SC 1****SC 2**

Solar PV	\$0.47	\$0.73
Wind	\$0.47	\$0.73
Micro-Hydroelectric	\$0.47	\$0.73
Fuel Cells/Micro-CHP/Farm Waste	\$2.87	\$4.49

% self consumed energy

Residential factor

50%

Small Commercial factor

70%

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Determining the Public Policy %

	<b>SC 1</b>	<b>SC 2</b>	<b>Total</b>
Revenue Allocation based on 2022 RY	2,426,231,789	516,768,123	6,248,503,043
% allocation	38.8%	8.3%	100.0%
Revenue Allocation excl NYPA based on 2022 RY	2,426,231,789	516,768,123	5,573,893,633
% allocation excl NYPA	43.5%	9.3%	100.0%
Customer Charge Rev	622,159,012	152,838,779	776,492,389
Revenue excl Cust Chg Rev	1,804,072,777	363,929,344	5,472,010,654