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

Residential factor

Small Commercial factor

Attachment 1
Page 1 of 2

(2) Low Income Program Actual spend last 12 months Allocation % to \$C\$ \$3.8.829% \$5.140,7902 Allocation % to \$C\$ \$1.40,94 \$2,373 per kWh rate \$5.00,002967 (3) Energy Efficiency Program Program Budget (in Base Rates) Allocation % to \$C\$ Allocation Amount \$20,644,410.65 \$4,397,095.69 GWh per \$C\$ 14,034 2,373 per kWh rate \$5.00,002967 (4) Emergency Summer Cooling Credits (ESCC) Estimated recoveries from 2/21 to 11/21 Allocation % to \$C\$ Sultantion Amount 4,173,976.58 889,023.90 GWh per \$C\$ 14,034 2,373 per kWh rate \$5.0000297 10,749,635 Allocation Amount 4,173,976.58 889,023.90 GWh per \$C\$ 14,034 2,373 per kWh rate \$5.0000297 50.000375 47,427,352 40,00147 50,00	Programs included in CBC calculatio		SC 1	SC 2	
Actual spend last 12 months 85,147,902	(1,	Clean Energy Fund (CEF) per kwn	\$0.004900	\$0.004900	
Allocation % to SC 38.829% 8.270%	(2)	Low Income Program			
S. Allocation Amount 33,062,086.14 7,041,962.06 GWh per SC 14,034 2,373 Frogram Budget (in Base Rates) 47,427,352 Allocation for 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 50.001471 50.001853 (4) Emergency Summer Cooling Credits (ESCC) 51mated recoveries from 2/21 to 11/21 Allocation Amount 4,173,976.58 889,023.90 GWh per SC 14,034 2,373 per kWh rate 50.000297 50.000375 (4) Emergency Summer Cooling Credits (ESCC) 51mated recoveries from 2/21 to 11/21 Allocation Amount 4,173,976.58 889,023.90 GWh per SC 14,034 2,373 per kWh rate 50.000297 50.000375 SUBTOTAL Per kWh Public Benefit Costs 50.009024 50.000375 SUBTOTAL Per kWh Public Benefit Costs 50.009024 51.05 Solar PV 103.7 50.94 51.05 Wind 103.7 50.94 51.05 Fuel Cells/Micro-CHP/Farm Waste 635.1 55.73 56.41 CBC cost per installed kW 5C1 SC2 SOlar PV 50.94 51.05 Solar PV 50.97 50.73 Solar PV 50.97		Actual spend last 12 months			85,147,902
GWh per SC per kWh rate \$0.002356 \$0.002967 (3) Energy Efficiency Program Program Budget (in Base Rates)		Allocation % to SC	38.829%	8.270%	
Care		\$ Allocation Amount	33,062,086.14	7,041,962.06	
Company Comp		GWh per SC	14,034	2,373	
Program Budget (In Base Rates)		per kWh rate	\$0.002356	\$0.002967	
Program Budget (In Base Rates)	(3)	Energy Efficiency Program			
Allocation % to SC excl NYPA	``				47,427,352
S. Allocation Amount 20,644,410.65 4,397,095.69 GWh per SC 14,034 2,373 50.001873			43.528%	9.271%	
GWh per SC per kWh rate \$0.001471 \$0.001853		\$ Allocation Amount	20,644,410.65		
Per kWh rate \$0.001471 \$0.001853 \$0.001871 \$0.001853 \$0.001871 \$0.001853 \$0.001871 \$0.001853 \$0.001871 \$0.001853 \$0.001871 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.001873 \$0.00027 \$0.000375 \$0					
Estimated recoveries from 2/21 to 11/21		-			
Estimated recoveries from 2/21 to 11/21 10,749,635 Allocation % to SC 38.829% 8.270% \$8.105 \$9.40 \$1.05 \$0.000297 \$0.000375 \$0.0	(4)	Emergency Summer Cooling Credits (FSCC)			
Allocation % to SC \$ 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 \$0.000297 \$0.000375 \$	(4)				10.749.635
Sallocation Amount 4,173,976.58 889,023.90 GWh per SC 14,034 2,373 per kWh rate \$0.000297 \$0.000375			38.829%	8.270%	20,7 .5,005
SUBTOTAL					
SUBTOTAL Per kWh Public Benefit Costs \$0.000297 \$0.000375					
SUBTOTAL		·			
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 Fuel Cells/Micro-CHP/Farm Waste 103.7 \$0.94 \$1.05 Fuel Cells/Micro-CHP/Farm Waste 635.1 \$5.73 \$6.41 PHASE ONE NEM SC 1 SC 2 Solar PV \$0.94 \$1.05 Wind \$0.94 \$1.05 Micro-Hydroelectric Fuel Cells/Micro-CHP/Farm Waste \$0.94 \$1.05 VALUE STACK CBC cost per installed kW SC 1 SC 2 Solar PV \$0.47 \$0.73 Wind \$0.47 \$0.73 Micro-Hydroelectric Fuel Cells/Micro-CHP/Farm Waste \$0.47 \$0.73 Fuel Cells/Micro-CHP/Farm Waste \$0.47 \$0.73 Wind \$0.47 \$0.73 Micro-Hydroelectric Fuel Cells/Micro-CHP/Farm Waste \$0.47 \$0.73 Fuel Cells/Micro-CHP/Farm Waste \$0.47 \$0.73 Wind \$0.47 \$0		per ittinide	φοιουσ231	φοιοσσο, σ	
Technology Monthly kWh Production of 1 kW installed Solar PV CBC per kW installed CBC per kW installed 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 SC1 SC2 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 VALUE STACK CBC cost per installed kW SC1 SC2 Solar PV VALUE STACK CBC cost per installed kW SC1 SC2 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		SUBTOTAL			
Solar PV		Per kWh Public Benefit Costs	\$0.009024	\$0.010094	
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 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	Technology	Monthly kWh Production of 1 kW installed	CBC per kW installed		
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 VALUE STACK CBC cost per installed kW SC 1 SC 2 Solar PV \$0.47 \$0.73 Wind \$0.47 \$0.73 Wind Micro-Hydroelectric \$0.47 \$0.73 Fuel Cells/Micro-CHP/Farm Waste \$2.87 \$4.49	Solar PV	103.7	\$0.94	\$1.05	
### Fuel Cells/Micro-CHP/Farm Waste	Wind	103.7	\$0.94	\$1.05	
CBC cost per installed kW SC 1 SC 2	Micro-Hydroelectric	103.7	\$0.94	\$1.05	
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 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	Fuel Cells/Micro-CHP/Farm Waste	635.1	\$5.73	\$6.41	
Solar PV \$0.94	PHASE ONE NEM				
Wind \$0.94 \$1.05 Micro-Hydroelectric \$0.94 \$1.05 Fuel Cells/Micro-CHP/Farm Waste \$5.73 \$6.41 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		CBC cost per installed kW	SC 1	SC 2	
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	Solar PV			\$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	Wind		\$0.94	\$1.05	
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	•		\$0.94	\$1.05	
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	Fuel Cells/Micro-CHP/Farm Waste		\$5.73	\$6.41	
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		~		 04	
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	VALUE STACK	% self consumed energy	50%	70%	
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		CBC cost per installed kW	SC 1	SC 2	
Wind \$0.47 \$0.73 Micro-Hydroelectric \$0.47 \$0.73 Fuel Cells/Micro-CHP/Farm Waste \$2.87 \$4.49	Solar PV	•			
Micro-Hydroelectric \$0.47 \$0.73 Fuel Cells/Micro-CHP/Farm Waste \$2.87 \$4.49					
Fuel Cells/Micro-CHP/Farm Waste \$2.87 \$4.49			•		
	•				
% self consumed energy	·		•		
······································	% self consumed energy				

50%

70%

Received: 12/22/2021

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Determining the Public Policy %

	SC 1	SC 2	Total
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