

**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

Attachment 1

Page 1 of 2

|   | SC 1                                     | SC 2                 | NYPA Rate I        | Target \$          |
|---|--|----------------------|--------------------|--------------------|
| (LI + EE) / Total Base Rev excl CC %        | 3.82%                                    | 4.03%                | 1.99%              |                    |
| <b>Programs included in CBC calculation</b> | <b>SC 1</b>                              | <b>SC 2</b>          | <b>NYPA Rate I</b> |                    |
| (1) Clean Energy Fund (CEF) per kWh         | \$0.0052                                 | \$0.0052             | \$0.000000         |                    |
| (2) Low Income Program                      |  |                      |                    |                    |
| Actual spend last 12 months                 |  |                      |                    | 124,367,022        |
| Allocation % to SC                          | 38.829%                                  | 8.270%               | 7.590%             |                    |
| \$ Allocation Amount                        | 48,290,481.95                            | 10,285,489.55        | 9,439,988.93       |                    |
| GWh per SC                                  | 14,034                                   | 2,272                | 5,814              |                    |
| per kWh rate                                | \$0.003441                               | \$0.004527           | \$0.001624         |                    |
| (3) Energy Efficiency Program               |  |                      |                    |                    |
| Program Budget (in Base Rates)              |  |                      |                    | 47,427,352         |
| Allocation % to SC excl NYPA                | 43.528%                                  | 9.271%               | 0.000%             |                    |
| \$ Allocation Amount                        | 20,644,410.65                            | 4,397,095.69         |                    |                    |
| GWh per SC                                  | 14,034                                   | 2,272                | 5,814              |                    |
| per kWh rate                                | \$0.001471                               | \$0.001935           | \$0.000000         |                    |
| (4) Emergency Summer Cooling Credits (ESCC) |  |                      |                    |                    |
| Estimated recoveries from 12/21 to 11/22    |  |                      |                    | 12,821,936         |
| Allocation % to SC                          | 38.829%                                  | 8.270%               | 7.590%             |                    |
| \$ Allocation Amount                        | 4,978,630.68                             | 1,060,408.84         | 973,239.79         |                    |
| GWh per SC                                  | 14,034                                   | 2,272                | 5,814              |                    |
| per kWh rate                                | \$0.000355                               | \$0.000467           | \$0.000167         |                    |
| <b>SUBTOTAL</b>                             |  |                      |                    |                    |
| Per kWh Public Benefit Costs                | <b>\$0.010513</b>                        | <b>\$0.012176</b>    | <b>\$0.001791</b>  |                    |
| Technology                                  | Monthly kWh Production of 1 kW installed | CBC per kW installed |                    |                    |
| Solar PV                                    | 103.7                                    | \$1.09               | \$1.26             | \$0.19             |
| Wind  | 103.7                                    | \$1.09               | \$1.26             | \$0.19             |
| Micro-Hydroelectric                         | 103.7                                    | \$1.09               | \$1.26             | \$0.19             |
| Fuel Cells/Micro-CHP/Farm Waste             | 635.1                                    | \$6.68               | \$7.73             | \$1.14             |
| <b>PHASE ONE NEM</b>                        | <b>CBC cost per installed kW</b>         | <b>SC 1</b>          | <b>SC 2</b>        | <b>NYPA Rate I</b> |
| Solar PV                                    |  | \$1.09               | \$1.26             | \$0.19             |
| Wind  |  | \$1.09               | \$1.26             | \$0.19             |
| Micro-Hydroelectric                         |  | \$1.09               | \$1.26             | \$0.19             |
| Fuel Cells/Micro-CHP/Farm Waste             |  | \$6.68               | \$7.73             | \$1.14             |
|   | % self consumed energy                   | 50%                  | 70%                | 70%                |
| <b>VALUE STACK</b>                          | <b>CBC cost per installed kW</b>         | <b>SC 1</b>          | <b>SC 2</b>        | <b>NYPA Rate I</b> |
| Solar PV                                    |  | \$0.54               | \$0.88             | \$0.13             |
| Wind  |  | \$0.54               | \$0.88             | \$0.13             |
| Micro-Hydroelectric                         |  | \$0.54               | \$0.88             | \$0.13             |
| Fuel Cells/Micro-CHP/Farm Waste             |  | \$3.34               | \$5.41             | \$0.80             |
| % self consumed energy                      |  |                      |                    |                    |
| Residential factor                          | 50%                                      |                      |                    |                    |
| Non-Residential factor                      | 70%                                      |                      |                    |                    |
| Large Non-Residential factor                | 100%                                     |                      |                    |                    |

**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

Determining the Public Policy %

Attachment 1

Page 2 of 2

|   | <b>SC 1</b>   | <b>SC 2</b> | <b>NYPA Rate I</b> | <b>Total</b>  |
|---|---------------|-------------|--------------------|---------------|
| Revenue Allocation based on 2022 RY           | 2,426,231,789 | 516,768,123 | 474,288,106        | 6,248,503,043 |
| % allocation                                  | 38.8%         | 8.3%        | 7.6%               | 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%        | 0.0%               | 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 | 474,288,106        | 5,472,010,654 |