

PSC NO: 10 – Electricity
Consolidated Edison Company of New York, Inc.
Effective Date: 02/01/2020

Statement Type: VDER - CRED
Statement No.: 29
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STATEMENT OF VALUE OF DISTRIBUTED ENERGY RESOURCES VALUE STACK CREDITS

For customers taking service under the Value Stack provisions pursuant to Rider R, Net Metering, Value Stack Tariff for Customer-Generators, of Schedule PSC No. 10 – Electricity, and Value Stack Tariff for PASNY Customer-Generators, of Schedule for PSC No. 12 – Electricity, the credit shall be calculated by summing the Value Stack Components, as applicable, and multiplying the total credit by the net hourly injections.

For applicability of these rates towards a customer's compensation, please see the provisions outlined in Rider R.

Value Stack Phase Two:

Credit	
Average Monthly Energy Component (based on published day ahead NYISO hourly zonal LBMP energy prices) [averaged by zone] ⁽¹⁾	See Note 1
Capacity Component ⁽²⁾	
Value Stack Phase Two Alternative 1 ⁽³⁾	NYC \$0.01553/kWh
Value Stack Phase Two Alternative 2	Westchester \$0.00085/kWh
Alternative 3	\$0.00000/kWh \$3.33/kW \$0.18/kW
Environmental Component ⁽⁴⁾	\$0.02741/kWh ⁽⁶⁾
Value Stack Phase Two Locational System Relief Value ⁽⁴⁾ for the Following Locations	
(LSRV) locations:	MW remaining in LSRV zone
Plymouth Sub-transmission ⁽⁷⁾	0.00 MW
Water St. Sub-transmission ⁽⁷⁾	0.00 MW
Glendale, Newtown Sub-transmission	
Borden Network ⁽⁸⁾	0.00 MW
Sunnyside Network ⁽⁸⁾	
Maspeth Network ⁽⁹⁾	0.00 MW
E. 179 th St. Area Station	7.72 MW
Parkchester No. 1 Area Station	0.52 MW
Parkchester No. 2 Area Station	0.00 MW
W. 42 nd St. No. 1 Area Station ⁽⁷⁾	0.00 MW
W. 65 th St. No. 1 Area Station	1.50 MW
Wainwright Area Station	0.00 MW
Willowbrook Area Station	0.28 MW
Millwood Area Station	0.00 MW
Northeast Bronx Network	0.31 MW
Yorkville Network	4.49 MW
Value Stack Phase Two Demand Reduction Value (DRV) ⁽⁴⁾⁽¹⁰⁾	\$0.85360/kWh
Value Stack Phase Two Locational System Relief Value ⁽⁴⁾	\$140.76/kW-year
Community Credit	\$0.12000/kWh

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Value Stack Phase One:

	Credit
Average Monthly Energy Component (based on published day ahead NYISO hourly zonal LBMP energy prices) [averaged by zone] ⁽¹⁾	See Note 1

Capacity Component	NYC	Westchester
Value Stack Phase One Alternative 1	\$0.00931/kWh	\$0.00190/kWh
Value Stack Phase One Alternative 2	\$0.00000/kWh	\$0.00000/kWh
Alternative 3 ⁽²⁾	\$3.33/kW	\$0.18/kW

Environmental Component ⁽⁴⁾	\$0.02741/kWh ⁽⁶⁾
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Value Stack Phase One Demand Reduction Value (DRV) ⁽⁴⁾	\$199.40/kW-year
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Value Stack Phase One Locational System Relief Value ⁽⁴⁾	\$140.76/kW-year
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Previous Year's Top Ten Peak Hours ⁽⁵⁾ and Peak Demand								
	11:00AM - 3:00PM		2:00PM – 6:00PM		4:00PM – 8:00PM		7:00PM – 11:00PM	
	Day/Time	MW	Day/Time	MW	Day/Time	MW	Day/Time	MW
1	7/17/19 14:00	1,783	7/17/19 16:00	3,464	7/21/19 18:00	3,038	7/21/19 17:00	3,795
2	7/17/19 15:00	1,780	7/17/19 15:00	3,464	7/21/19 19:00	3,027	7/21/19 18:00	3,788
3	7/17/19 13:00	1,777	7/17/19 14:00	3,442	7/21/19 17:00	3,014	7/21/19 16:00	3,779
4	7/22/19 15:00	1,756	7/17/19 17:00	3,423	7/21/19 16:00	3,001	7/21/19 19:00	3,760
5	7/22/19 14:00	1,755	7/30/19 15:00	3,423	7/17/19 18:00	2,985	7/21/19 15:00	3,729
6	7/17/19 12:00	1,754	7/30/19 14:00	3,417	7/17/19 19:00	2,984	7/21/19 14:00	3,672
7	7/17/19 16:00	1,754	7/17/19 18:00	3,411	7/21/19 20:00	2,978	7/21/19 20:00	3,663
8	7/22/19 16:00	1,750	7/17/19 13:00	3,406	7/21/19 15:00	2,968	7/17/19 19:00	3,652
9	7/22/19 13:00	1,748	7/30/19 17:00	3,380	7/17/19 17:00	2,944	7/17/19 20:00	3,642
10	7/30/19 14:00	1,747	7/22/19 15:00	3,373	7/17/19 20:00	2,943	7/20/19 17:00	3,638

Market Transition Credit	SC No. 1	SC No. 2
Tranche 0/1	\$0.1054/kWh	\$0.1327/kWh
Tranche 2	\$0.0949/kWh	\$0.1209/kWh
Tranche 3	\$0.0845/kWh	\$0.1090/kWh

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Notes:

1. For the NYISO Day-Ahead Hourly Prices by zone (i.e. H, I, or J), please refer to the NYISO's web page: <http://www.nyiso.com>
2. The compensation using these rates will be adjusted for losses.
3. The proxy capacity factor and the monthly solar production as determined in Case 15-E-0751 are as follows.

	Lower Hudson Valley	New York City
Solar production (kWh/kW)	76.9	77.9
# of Hours	240.0	240.0
Proxy capacity factor	32.0%	32.5%

	Monthly Solar Production	
Month	Lower Hudson Valley	New York City
January	53.4	56.3
February	72.3	74.0
March	105.5	109.4
April	116.5	119.9
May	132.4	133.9
June	138.5	141.4
July	136.1	138.6
August	135.2	137.9
September	110.2	111.2
October	83.1	88.6
November	59.5	65.0
December	46.3	49.8
Total	1,189.0	1,225.9

The proxy capacity factor is determined for each area using the solar PV load curves and the five hours beginning 2 PM through the end of the hour beginning 6 PM on non-holiday weekdays from June 24 to August 31.

4. These rates are only applicable to customers who have, during the effective period of this Statement, paid 25% of their interconnection costs or who have executed their interconnection agreement if no such payment is required or, for a customer opting into the Value Stack Tariff that has already met either of these criteria in the interconnection process, at the time the customer opts-in to the Value Stack Tariff and will remain in effect for such customer-generators for the period of time as outlined in Rider R.

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Notes:

5. Time reflects hour ending.
6. Environmental Component Value is effective on or after March 9, 2018 pursuant to the PSC letter dated March 13, 2018 in Case 15-E-0751.
7. Non-Wires Solutions at Plymouth Sub-transmission, Water St. Sub-transmission and W 42nd St. No. 1 Area Station have moved forward with their portfolio of projects. LSRV Values are no longer being offered in these areas.
8. Non-Wires Solutions in the Borden and Sunnyside Networks have moved forward with their portfolio of projects. LSRV Values are no longer being offered in these areas.
9. Due to a Non-Wires Solutions in the Maspeth Network, this area will no longer be eligible for LSRV effective August 1, 2019.
10. The DRV is \$0 outside of these applicable call windows:
 - a. The applicable CSRP Call Window is the 4 hour period beginning 11 AM through the hour ending 3 PM on non-holiday weekdays from June 24 to September 15.
 - b. The applicable CSRP Call Window is the 4 hour period beginning 2 PM through the hour ending 6 PM on non-holiday weekdays from June 24 to September 15.
 - c. The applicable CSRP Call Window is the 4 hour period beginning 4 PM through the hour ending 8 PM on non-holiday weekdays from June 24 to September 15.
 - d. The applicable CSRP Call Window is the 4 hour period beginning 7 PM through the hour ending 11 PM on non-holiday weekdays from June 24 to September 15.

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