

PSC NO: 15 ELECTRICITY  
 COMPANY: CENTRAL HUDSON GAS & ELECTRIC CORPORATION  
 INITIAL EFFECTIVE DATE: 7/13/21

STATEMENT TYPE: VDER-CRED  
 STATEMENT NO: 53

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### **STATEMENT OF VALUE OF DISTRIBUTED ENERGY RESOURCES - CREDITS**

For customers taking service under the Value Stack provisions of General Information Section 48.B, Value of Distributed Energy Resources, a credit shall be calculated by summing the Value Stack Components, as applicable, and multiplying the total credit by the customer's net hourly injections.

<b>Phase Two Value Stack Components</b>	<b>Units</b>	<b>Credit</b>
Energy Component (based on published day ahead NYISO hourly zonal LBMP energy prices) <a href="http://www.nyiso.com/public/markets_operations/market_data/pricing_data/index.jsp">http://www.nyiso.com/public/markets_operations/market_data/pricing_data/index.jsp</a>	\$/kWh	
Capacity Component		
Alternative 1 <sup>(1)</sup>	\$/kWh	\$0.01480
Alternative 2 <sup>(2)</sup>	\$/kWh	\$0.07998
Alternative 3	\$/kW	\$6.19
Environmental Component <sup>(3)(8)</sup>	\$/kWh	\$0.03103
Demand Reduction Value (DRV) <sup>(3)(6)</sup>	\$/kWh	\$0.04980

Locational System Relief Value (LSRV) for the following locations:	\$/kW	MW Remaining in LSRV Zone
<b>Not Applicable</b>		

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Phase One Value Stack Components	Units	Credit
Energy Component (based on published day ahead NYISO hourly zonal LBMP energy prices) <a href="http://www.nyiso.com/public/markets_operations/market_data/pricing_data/index.jsp">http://www.nyiso.com/public/markets_operations/market_data/pricing_data/index.jsp</a>	\$/kWh	
Capacity Component		
Alternative 1 (S.C. No. 1 and S.C. No. 2 – Non-Demand)	\$/kWh	\$0.01545
Alternative 2 (credit applicable June – August)	\$/kWh	\$0.16592
Alternative 3	\$/kW	\$6.19
Environmental Component <sup>(3)(8)</sup>	\$/kWh	\$0.03103
Demand Reduction Value (DRV) <sup>(4)</sup> - for PV projects without measured net generation	\$/kW-month	\$0.48
Demand Reduction Value (DRV) <sup>(5)</sup> - for all other projects	\$/kW-month	\$1.21
Community Credit <sup>(7)</sup>	\$/kWh	\$0.01000

## Previous year's Top Ten Peak Hours and Peak Demand

Rank	Date/Hour Ending	MW	Rank	Date/Hour Ending	MW
1	7/27/2020 19:00	1,142	6	7/19/2020 18:00	1,060
2	7/27/2020 20:00	1,091	7	8/10/2020 18:00	1,060
3	7/27/2020 17:00	1,078	8	7/27/2020 21:00	1,051
4	7/27/2020 18:00	1,076	9	7/19/2020 19:00	1,049
5	7/20/2020 19:00	1,069	10	8/24/2020 18:00	1,048

Locational System Relief Value (LSRV) for the following locations:	\$/kW	MW Remaining in LSRV Zone
<b>Not Applicable</b>		

Market Transition Credit (\$/kWh)		
Tranche	S.C. No. 1	S.C. No. 2 – Non-Demand
0/1	\$0.0599	\$0.0627
2	\$0.0524	\$0.0550
3	\$0.0449	\$0.0474
4	\$0.0373	\$0.0397

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- (1) The proxy capacity factor and monthly solar production as determined in Case 15-E-0751 are as follows:

	Lower Hudson Valley
Solar Production (kWh/kW)	76.9
Number of Hours	240
Proxy Capacity Factor	32.0%
<b>Monthly Solar Production</b>	
Month	Lower Hudson Valley
January	53.4
February	72.3
March	105.5
April	116.5
May	132.4
June	138.5
July	136.1
August	135.2
September	110.2
October	83.1
November	59.5
December	46.3
Total	1189.0

The proxy capacity factor is determined using the PV load curves and the hours beginning 2 pm, through the end of the hour beginning 6 pm, on non-holiday weekdays, from June 24 through August 31.

- (2) Rate is applicable for net hourly exports during the 240 – 245 hours beginning 2 pm, through the end of the hour beginning 6 pm, on non-holiday weekdays, from June 24 through August 31.
- (3) Rates are applicable only to customer-generators who have paid 25% of their interconnection costs, have executed a Standard Interconnection Agreement (SIR) if no such payment is required or, have opted-in to the Value Stack Tariff and have met either of the aforementioned criteria at the time the customer opts-in to the Value Stack Tariff. The rates will be fixed as outlined in General Information Section 48.B.
- (4) Rate is applicable only for PV projects in their first year of operation or without appropriate metering in place to measure net generation during the previous calendar year.
- (5) Rate is applicable for all project types, including PV projects with measured net generation during the previous calendar year.
- (6) Rate is applicable to qualifying projects for net hourly injections in the hour beginning 2 pm, through the end of the hour beginning 6 pm, on weekdays, excluding Independence Day and Labor Day, between June 24 and September 15, inclusive, as outlined in General Information Section 48.B.
- (7) Rate is applicable to non-mass market subscribers of Community Distributed Generation (CDG) projects that have been assigned to Tranches 1, 2, 3, and 4, effective with first CDG Host bill for which all generation has been injected after July 31, 2020.
- (8) The Environmental Component was updated pursuant to the PSC Staff letter dated April 21, 2021 in Case 15-E-0751.