

PSC No: 120 - Electricity
New York State Electric & Gas Corporation
Initial Effective Date: September 01, 2019
Issued in Compliance with Case 15-E-0082 and 15-E-0751 dated April 18, 2019

Statement Type: VDER-CRED
Statement Number: 25
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**FOR VALUE OF DISTRIBUTED ENERGY RESOURCES ("VDER")
VALUE STACK CREDITS STATEMENT - Phase 1
For Projects qualified before July 27, 2018**

For customers taking service under the Value Stack provision pursuant to Rule 40, Distributed Energy Resources, of Schedule PSC No. 120- Electricity, the credit shall be calculated by summing the Value Stack Components, as applicable, and multiplying the total credit by the net export net hourly injections. The credit values for the Environmental Component, Demand Reduction Value (DRV), and Locational System Relief Value (LSRV) shall be established for a project at the time the customer-generator pays 25% of the interconnection cost, or where no such payment is required, at the time the interconnection agreement is signed. The DRV shall be updated for a project pursuant to Rule 40.

Energy Component		Credit
Average Monthly Energy Component (based on published day ahead NYISO hourly zonal LBMP energy prices) [averaged by zone]		https://www.nyiso.com/energy-market-operational-data
Capacity Component		
Alternative 1	LHV:	\$0.01792 / kWh
	ROS:	\$0.00471 / kWh
Alternative 2	LHV:	\$0.29656 / kWh
	ROS:	\$0.07195 / kWh
Alternative 3	LHV:	\$4.91 / Capacity kw
	ROS:	\$1.54 / Capacity kw
Environmental Component		\$0.02741 / kWh
Demand Reduction Value (DRV)		\$29.67 /kW Annually

NYISO Top Ten Peak Hours and Peak Demand		Based on Previous 12 months ending October.	
	From Date	From Time	MWH
Hour 1:	07/16/18	4:00:00 PM	3,175.64
Hour 2:	07/16/18	3:00:00 PM	3,162.64
Hour 3:	09/05/18	5:00:00 PM	3,153.87
Hour 4:	09/05/18	4:00:00 PM	3,152.26
Hour 5:	07/02/18	1:00:00 PM	3,148.17
Hour 6:	07/16/18	5:00:00 PM	3,144.85
Hour 7:	07/02/18	2:00:00 PM	3,142.87
Hour 8:	07/16/18	2:00:00 PM	3,142.81
Hour 9:	08/06/18	3:00:00 PM	3,131.91
Hour 10:	09/05/18	3:00:00 PM	3,129.57

Locational System Relief Value (LSRV) for the following locations:	Credit	Remaining MW in LSRV Zone
Hilldale 115kV source, xfrmr bank upgrade, 2nd 12kV dist circuit. Circuit 225	\$53.59 per kW Annually	2.67 MW
Holland Transformer Replacement: Circuits 320 and 321	\$56.26 per kW Annually	1.58 MW
Orchard Park - Add a 2nd Transformer Bank: Circuits 285, 286, 287	\$21.82 per kW Annually	2.39 MW
West Davenport Sub - Replace sub transformer with non-LTC 7.5/10.5MVA unit. Circuits 12 and 22	\$48.89 per kW Annually	0.0 MW

	Market Transition Credit \$/kWh	
Tranche	S.C. No. 1	S.C. No. 6
0/1	\$0.03140	\$0.03610
2	\$0.02590	\$0.03040
3	\$0.02040	\$0.02460
4	\$0.01490	\$0.01887

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**FOR VALUE OF DISTRIBUTED ENERGY RESOURCES ("VDER")
VALUE STACK CREDITS STATEMENT - Phase 2
For Projects qualified after July 26, 2018**

For customers taking service under the Value Stack provision pursuant to Rule 40, Distributed Energy Resources, of Schedule PSC No. 120- Electricity, the credit shall be calculated by summing the Value Stack Components, as applicable, and multiplying the total credit by the net export net hourly injections. The credit values for the Environmental Component, Demand Reduction Value (DRV), and Locational System Relief Value (LSRV) shall be established for a project at the time the customer-generator pays 25% of the interconnection cost, or where no such payment is required, at the time the interconnection agreement is signed. The DRV shall be updated for a project pursuant to Rule 40.

Energy Component		Credit
Average Monthly Energy Component (based on published day ahead NYISO hourly zonal LBMP energy prices) [averaged by zone]		https://www.nyiso.com/energy-market-operational-data
Capacity Component		
Alternative 1	LHV:	\$0.01425 / kWh
	ROS:	\$0.00474 / kWh
Alternative 2	LHV:	\$0.29446 / kWh
	ROS:	\$0.09022 / kWh
Alternative 3	LHV:	\$4.91 / Capacity kw
	ROS:	\$1.54 / Capacity kw
Environmental Component		\$0.02741 / kWh
Demand Reduction Value (DRV)		Exported kWh June 24th through September 15th Hour Beginning 2:00 pm through Hour Beginning 6:00 pm non holiday weekdays and January 1st through January 31st Hour Beginning 5:00 pm and Hour Beginning 6:00 pm
		\$0.08870 / kWh

Locational System Relief Value (LSRV) for the following locations:	Credit	Remaining MW in LSRV Zone
Hilldale 115kV source, xfmr bank upgrade, 2nd 12kV dist circuit. Circuit 225	\$05.36 per kW per Call	2.67 MW
Holland Transformer Replacement: Circuits 320 and 321	\$05.63 per kW per Call	1.58 MW
Orchard Park - Add a 2nd Transformer Bank: Circuits 285, 286, 287	\$02.18 per kW per Call	2.39 MW
West Davenport Sub - Replace sub transformer with non-LTC 7.5/10.5MVA unit. Circuits 12 and 22	\$04.89 per kW per Call	0.0 MW