Received: 12/23/2019

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Capacity Market Value Cost Recovery - ALTERNATIVE 1
Rule 40.3.2.1

Average Monthly NYISO Spot Auction Capacity Price:	$ 0.85	/kW
Total of Alternative 1 VDER Projects' Net Injections at hour of NYISO Peak:	1,230	kW
Total Alternative 1 Capacity Market Value Cost to Recover:	**$ 1,049.77**	

Cost Allocation

Service Class (with Voltage Delivery Level)	**1CP Allocator**	
SC1	40.99%	$430.30
SC1C	0.81%	$8.50
SC2ND	2.54%	$26.66
SC2D	14.46%	$151.80
SC3-Secondary	13.34%	$140.04
SC3-Primary	5.15%	$54.06
SC3-Subtransmission/Transmission	1.65%	$17.32
SC3A-Secondary/Primary	2.98%	$31.28
SC3A-Sub Transmission	3.75%	$39.37
SC3A-Transmission	14.31%	$150.22
Streetlighting	0.02%	$0.21
Total	**100.00%**	**$1,049.77**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	**Forecast**	**$/kWh**
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Capacity Market Value Cost Recovery - ALTERNATIVE 2
Rule 40.3.2.1

Average Monthly NYISO Spot Auction Capacity Price:	$ 0.85	/kW
Total of Alternative 2 VDER Projects' Net Injections at hour of NYISO Peak:	-	kW
Total Alternative 2 Capacity Market Value Cost to Recover:	**$ -**	

Cost Allocation

Service Class (with Voltage Delivery Level)	**1CP Allocator**	
SC1	40.99%	$0.00
SC1C	0.81%	$0.00
SC2ND	2.54%	$0.00
SC2D	14.46%	$0.00
SC3-Secondary	13.34%	$0.00
SC3-Primary	5.15%	$0.00
SC3-Subtransmission/Transmission	1.65%	$0.00
SC3A-Secondary/Primary	2.98%	$0.00
SC3A-Sub Transmission	3.75%	$0.00
SC3A-Transmission	14.31%	$0.00
Streetlighting	0.02%	$0.00
Total	**100.00%**	**$0.00**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	**Forecast**	**$/kWh**
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Capacity Market Value Cost Recovery - ALTERNATIVE 3
Rule 40.3.2.1

Average Monthly NYISO Spot Auction Capacity Price:	$ 0.85	/kW
Total of Alternative 3 VDER Projects' Net Injections at hour of NYISO Peak:	1,757	kW
Total Alternative 3 Capacity Market Value Cost to Recover:	**$ 1,499.05**	

Cost Allocation

Service Class (with Voltage Delivery Level)	1CP Allocator	
SC1	40.99%	$614.46
SC1C	0.81%	$12.14
SC2ND	2.54%	$38.08
SC2D	14.46%	$216.76
SC3-Secondary	13.34%	$199.97
SC3-Primary	5.15%	$77.20
SC3-Subtransmission/Transmission	1.65%	$24.73
SC3A-Secondary/Primary	2.98%	$44.67
SC3A-Sub Transmission	3.75%	$56.21
SC3A-Transmission	14.31%	$214.51
Streetlighting	0.02%	$0.30
Total	**100.00%**	**$1,499.05**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Capacity Out of Market Value Cost Recovery
Rule 40.3.2.2

VDER Value Stack Capacity Market Value (Rule 40.3.2.1):	$ 2,548.82
Total VDER Value Stack Capacity Component Paid to Projects:	$ 4,045.92
Total Capacity Out of Market Value Cost to Recover:	**$ 1,497.10**

Cost Allocation

Service Class (with Voltage Delivery Level)	Allocator	
SC1	9.16%	$137.12
SC1C	0.00%	$0.00
SC2ND	16.38%	$245.24
SC2D	19.90%	$297.87
SC3	54.56%	$816.87
SC3A	0.00%	$0.00
Total	**100.00%**	**$1,497.10**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3	1,520,626	$0.00
SC3A	1,836,475	$0.00

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Environmental Market Value Cost Recovery
Rule 40.3.2.3

NYSERDA Tier 1 REC rate in effect for the recovery month:	$ 0.02243	/kWh
Total of VDER Projects' Net Injections during recovery month:	2,067,146	kWh
Total Environmental Market Value Cost to Recover:	**$ 46,366.08**	

The Environmental Market Value costs will be recovered annually as part of the Clean Energy Standard Supply charge annual reconconciliation as specified in Rule 46.3.5.

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Environmental Out of Market Value Cost Recovery
Rule 40.3.2.4

VDER Value Stack Environmental Market Value (Rule 40.3.2.3):	$ 46,366.08
Total VDER Value Stack Environmental Component Paid to Projects:	$ 51,509.32
Total Environmental Out of Market Value Cost to Recover:	**$ 5,143.24**

Cost Allocation

Service Class (with Voltage Delivery Level)	**Allocator**	
SC1	20.23%	$1,040.52
SC1C	0.00%	$0.00
SC2ND	6.28%	$322.75
SC2D	3.92%	$201.40
SC3	69.58%	$3,578.57
SC3A	0.00%	$0.00
Total	**100.00%**	**$5,143.24**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	**Forecast**	**$/kWh**
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00001
		$/kW
SC2D	1,271,596	$0.00
SC3	1,520,626	$0.00
SC3A	1,836,475	$0.00

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

DRV Cost Recovery
Rule 40.3.2.5

Total VDER Value Stack DRV Component Paid to **Secondary/Primary** Projects: $ 13,613.79

Secondary/Primary Cost Allocation

Service Class (with Voltage Delivery Level)	NCP Allocator	
SC1	56.65%	$7,712.21
SC1C	1.18%	$160.64
SC2ND	3.30%	$449.26
SC2D	18.62%	$2,534.89
SC3-Secondary	18.51%	$2,519.91
SC3-Primary	0.00%	$0.00
SC3-Subtransmission/Transmission	0.00%	$0.00
SC3A-Secondary/Primary	0.74%	$100.74
SC3A-Sub Transmission	0.00%	$0.00
SC3A-Transmission	0.00%	$0.00
Streetlighting	1.00%	$136.14
Total	**100.00%**	**$13,613.79**

Secondary/Primary Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00001
SC1C	30,072,331	$0.00001
SC2ND	58,765,973	$0.00001
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00001

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

DRV Cost Recovery
Rule 40.3.2.5

Total VDER Value Stack DRV Component Paid to **Subtransmission/Transmission** Projects: $ -

Subtransmission/Transmission Cost Allocation

Service Class (with Voltage Delivery Level)	1CP Allocator	
SC1	40.99%	$0.00
SC1C	0.81%	$0.00
SC2ND	2.54%	$0.00
SC2D	14.46%	$0.00
SC3-Secondary	13.34%	$0.00
SC3-Primary	5.15%	$0.00
SC3-Subtransmission/Transmission	1.65%	$0.00
SC3A-Secondary/Primary	2.98%	$0.00
SC3A-Sub Transmission	3.75%	$0.00
SC3A-Transmission	14.31%	$0.00
Streetlighting	0.02%	$0.00
Total	**100.00%**	**$0.00**

Subtransmission/Transmission Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

LSRV Cost Recovery
Rule 40.3.2.6

Total VDER Value Stack LSRV Component Paid to **Secondary/Primary** Projects: $ 1,421.00

Secondary/Primary Cost Allocation

Service Class (with Voltage Delivery Level)	NCP Allocator	
SC1	56.65%	$805.00
SC1C	1.18%	$16.77
SC2ND	3.30%	$46.89
SC2D	18.62%	$264.59
SC3-Secondary	18.51%	$263.03
SC3-Primary	0.00%	$0.00
SC3-Subtransmission/Transmission	0.00%	$0.00
SC3A-Secondary/Primary	0.74%	$10.52
SC3A-Sub Transmission	0.00%	$0.00
SC3A-Transmission	0.00%	$0.00
Streetlighting	1.00%	$14.21
Total	**100.00%**	**$1,421.00**

Secondary/Primary Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

LSRV Cost Recovery
Rule 40.3.2.6

Total VDER Value Stack LSRV Component Paid to **Subtransmission/Transmission** Projects: $ -

Subtransmission/Transmission Cost Allocation

Service Class (with Voltage Delivery Level)	1CP Allocator	
SC1	40.99%	$0.00
SC1C	0.81%	$0.00
SC2ND	2.54%	$0.00
SC2D	14.46%	$0.00
SC3-Secondary	13.34%	$0.00
SC3-Primary	5.15%	$0.00
SC3-Subtransmission/Transmission	1.65%	$0.00
SC3A-Secondary/Primary	2.98%	$0.00
SC3A-Sub Transmission	3.75%	$0.00
SC3A-Transmission	14.31%	$0.00
Streetlighting	0.02%	$0.00
Total	**100.00%**	**$0.00**

Subtransmission/Transmission Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00
		$/kWh
Streetlighting	19,249,193	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

MTC Cost Recovery
Rule 40.3.2.7

Total VDER Value Stack MTC Component Paid to Projects: $ 9,035.92

Cost Allocation

Service Class (with Voltage Delivery Level)	Allocator	
SC1	99.53%	$8,993.22
SC1C	0.00%	$0.00
SC2ND	0.47%	$42.70
Total	**100.00%**	**$9,035.92**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00001
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000

Value Stack Cost Recovery Mechanisms
VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)

Community Credit Cost Recovery
Rule 40.3.2.7

Total VDER Value Stack Community Credit Component Paid to Projects: $ 1,188.68

Cost Allocation

Service Class (with Voltage Delivery Level)	Allocator	
SC1	93.82%	$1,115.20
SC1C	0.00%	$0.00
SC2ND	6.10%	$72.56
SC2D	0.08%	$0.92
SC3-Secondary	0.00%	$0.00
SC3-Primary	0.00%	$0.00
SC3-Subtransmission/Transmission	0.00%	$0.00
SC3A-Secondary/Primary	0.00%	$0.00
SC3A-Sub Transmission	0.00%	$0.00
SC3A-Transmission	0.00%	$0.00
Total	**100.00%**	**$1,187.76**

Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	$/kWh
SC1	1,125,129,605	$0.00000
SC1C	30,072,331	$0.00000
SC2ND	58,765,973	$0.00000
		$/kW
SC2D	1,271,596	$0.00
SC3-Secondary	983,941	$0.00
SC3-Primary	386,199	$0.00
SC3-Subtransmission/Transmission	150,486	$0.00
SC3A-Secondary/Primary	268,226	$0.00
SC3A-Sub Transmission	362,935	$0.00
SC3A-Transmission	1,205,314	$0.00