# <u>Capacity Market Value Cost Recovery - ALTERNATIVE 1</u> Rule 40.3.2.1

	Average Monthly NYISO Spot Auction Capacity Price:	\$	0.85	/kW
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Total of Alternative 1 VDER Projects' Net Injections at hour of NYISO Peak: 838 kW

Total Alternative 1 Capacity Market Value Cost to Recover: \$ 715.01

Cost Allocation		
Service Class (with Voltage Delivery Level)	<b>1CP</b> Allocator	
SC1	40.99%	\$293.08
SC1C	0.81%	\$5.79
SC2ND	2.54%	\$18.16
SC2D	14.46%	\$103.39
SC3-Secondary	13.34%	\$95.38
SC3-Primary	5.15%	\$36.82
SC3-Subtransmission/Transmission	1.65%	\$11.80
SC3A-Secondary/Primary	2.98%	\$21.31
SC3A-Sub Transmission	3.75%	\$26.81
SC3A-Transmission	14.31%	\$102.32
Streetlighting	0.02%	\$0.14
Total	100.00%	\$715.01

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

# 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

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

# 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: 2,026 kW

Total Alternative 3 Capacity Market Value Cost to Recover: \$ 1,728.77

Cost Allocation		
Service Class (with Voltage Delivery Level)	<b>1CP Allocator</b>	
SC1	40.99%	\$708.62
SC1C	0.81%	\$14.00
SC2ND	2.54%	\$43.91
SC2D	14.46%	\$249.98
SC3-Secondary	13.34%	\$230.62
SC3-Primary	5.15%	\$89.03
SC3-Subtransmission/Transmission	1.65%	\$28.52
SC3A-Secondary/Primary	2.98%	\$51.52
SC3A-Sub Transmission	3.75%	\$64.83
SC3A-Transmission	14.31%	\$247.39
Streetlighting	0.02%	\$0.35
Total	100.00%	\$1,728.77

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

### Capacity Out of Market Value Cost Recovery Rule 40.3.2.2

VDER Value Stack Capacity Market Value (Rule 40.3.2.1): \$ 2,443.78

Total VDER Value Stack Capacity Component Paid to Projects: \$ 1,891.86

Total Capacity Out of Market Value Cost to Recover: \$ (551.92)

### **Cost Allocation**

Service Class (with Voltage Delivery Level)	Allocator	
SC1	5.76%	-\$31.79
SC1C	0.00%	\$0.00
SC2ND	3.63%	-\$20.03
SC2D	3.49%	-\$19.24
SC3	86.15%	-\$475.48
SC3A	0.00%	\$0.00
Streetlighting	0.97%	-\$5.37
Total	100.00%	-\$551.92

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3	1,456,932	\$0.00
SC3A	1,815,667	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

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### <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

### 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: 1,155,912 kWh

Total Environmental Market Value Cost to Recover: \$ 25,927.11

## Environmental Out of Market Value Cost Recovery Rule 40.3.2.4

VDER Value Stack Environmental Market Value (Rule 40.3.2.3): \$ 25,927.11

Total VDER Value Stack Environmental Component Paid to Projects: \$ 29,565.26

Total Environmental Out of Market Value Cost to Recover: \$ 3,638.15

#### **Cost Allocation**

Service Class (with Voltage Delivery Level)	Allocator	
SC1	16.96%	\$617.15
SC1C	0.00%	\$0.00
SC2ND	2.20%	\$80.05
SC2D	5.74%	\$209.01
SC3	72.43%	\$2,634.95
SC3A	0.00%	\$0.00
Streetlighting	2.67%	\$97.00
Total	100.00%	\$3,638.15

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3	1,456,932	\$0.00
SC3A	1,815,667	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00001

## <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

### DRV Cost Recovery Rule 40.3.2.5

Total VDER Value Stack DRV Component Paid to Secondary/Primary Projects: \$ 13,088.04

Secondary/Primary Cost Allocation		
Service Class (with Voltage Delivery Level)	NCP Allocator	
SC1	56.65%	\$7,414.37
SC1C	1.18%	\$154.44
SC2ND	3.30%	\$431.91
SC2D	18.62%	\$2,436.99
SC3-Secondary	18.51%	\$2,422.60
SC3-Primary	0.00%	\$0.00
SC3-Subtransmission/Transmission	0.00%	\$0.00
SC3A-Secondary/Primary	0.74%	\$96.85
SC3A-Sub Transmission	0.00%	\$0.00
SC3A-Transmission	0.00%	\$0.00
Streetlighting	1.00%	\$130.88
Total	100.00%	\$13,088.04

Secondary/Primary Rate Design by Forecast		
Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00001
SC1C	27,747,168	\$0.00001
SC2ND	55,753,713	\$0.00001
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00001

## <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

## 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	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

## <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

## LSRV Cost Recovery Rule 40.3.2.6

Total VDER Value Stack LSRV Component Paid to Secondary/Primary Projects: \$ 45.56

Secondary/Primary Cost Allocation		
Service Class (with Voltage Delivery Level)	NCP Allocator	
SC1	56.65%	\$25.81
SC1C	1.18%	\$0.54
SC2ND	3.30%	\$1.50
SC2D	18.62%	\$8.48
SC3-Secondary	18.51%	\$8.43
SC3-Primary	0.00%	\$0.00
SC3-Subtransmission/Transmission	0.00%	\$0.00
SC3A-Secondary/Primary	0.74%	\$0.34
SC3A-Sub Transmission	0.00%	\$0.00
SC3A-Transmission	0.00%	\$0.00
Streetlighting	1.00%	\$0.46
Total	100.00%	\$45.56

Secondary/Primary Rate Design by Forecast		
Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

### <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

## LSRV Cost Recovery Rule 40.3.2.6

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

Subtransmission/ I ransmission Cost Allocation		
Service Class (with Voltage Delivery Level)	<b>1CP Allocator</b>	
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 Cost Allocation

#### Subtransmission/Transmission Rate Design by Forecast

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00
		<u>\$/kWh</u>
Streetlighting	16,804,891	\$0.00000

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## <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

### MTC Cost Recovery Rule 40.3.2.7

Total VDER Value Stack MTC Component Paid to Projects: \$ 4,629.13

Cost Allocation		
Service Class (with Voltage Delivery Level)	Allocator	
SC1	99.97%	\$4,627.96
SC1C	0.00%	\$0.00
SC2ND	0.03%	\$1.17
Total	100.00%	\$4,629.13

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000

### <u>Value Stack Cost Recovery Mechanisms</u> <u>VALUE OF DISTRIBUTED ENERGY RESOURCES (VDER)</u>

# Community Credit Cost Recovery Rule 40.3.2.7

Total VDER Value Stack Community Credit Component Paid to Projects: \$ 465.85

<u>Cost Allocation</u>		
Service Class (with Voltage Delivery Level)	Allocator	
SC1	91.09%	\$424.34
SC1C	0.00%	\$0.00
SC2ND	8.83%	\$41.15
SC2D	0.08%	\$0.36
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%	\$465.85

Service Class (with Voltage Delivery Level)	Forecast	<u>\$/kWh</u>
SC1	1,038,135,953	\$0.00000
SC1C	27,747,168	\$0.00000
SC2ND	55,753,713	\$0.00000
		<u>\$/kW</u>
SC2D	1,207,590	\$0.00
SC3-Secondary	941,241	\$0.00
SC3-Primary	370,570	\$0.00
SC3-Subtransmission/Transmission	145,121	\$0.00
SC3A-Secondary/Primary	264,360	\$0.00
SC3A-Sub Transmission	357,425	\$0.00
SC3A-Transmission	1,193,881	\$0.00