



NEW YORK
STATE OF
OPPORTUNITY.

NY-Sun

NY-Sun Stakeholder Meeting MW Block Program Redesign

January 25, 2018

New York State Energy Research and Development Authority

Introductions

Stakeholder Meeting Agenda

- Introductions
- Stakeholder Process
- Program Revisions
 - ROS Small Commercial
 - ROS Commercial & Industrial
 - ConEdison Commercial
 - PSEG-LI Commercial
- Implementation Process
 - Next Steps

Stakeholder Process

Stakeholder Process

- Established stakeholder engagement process at the beginning of October 2017
- Held nearly 30 meetings or calls with individuals & organizations
- In-person stakeholder meetings: Dec 14, 2017 (statewide focus) and Jan 16, 2018 (ConEd focus)
- Over 35 sets of written comments were received on proposal by January 19th deadline

Submitted Comments

- 64 Solar
- Abundant Efficiency
- Best Energy Power
- Bright Power
- Brooklyn SolarWorks
- Center for Economic Growth
- Coalition for Community Solar Access (CCSA)
- ConEd Development
- Croton Energy Group
- Direct Energy
- EnterSolar
- Forefront Power
- GES Developers
- Green Hybrid Energy Solutions
- Grid City Energy
- High Peaks
- Lighthouse Solar
- NYC Mayor's Office of Sustainability
- NYSEIA
- O'Connell Electric
- OnForce Solar
- Project Economics
- Renewable Energy Coalition
- SEIA
- Sol Systems, LLC
- Solar Energy Systems, LLC
- Solar Liberty
- Solar One
- Solar One Energy
- SolarPark Energy
- Sun Blue Energy
- SunCommon
- SunPower by Empower
- SunRise Solar Solutions
- Sustainable Westchester
- Tesla
- UGEI
- Venture Solar

Programs Revisions

Rest of State Small Commercial

Program revisions subject to regulatory approval and remaining budget at the time of launch

ROS Small Commercial

Program Rule Revisions		
	Current Program Rules	Revised Program Rules
System Size Eligibility	<200 kW DC	<750 kW DC
Project Maturity	N/A	<ul style="list-style-type: none"> • Proof of 25% payment of interconnection upgrades or executed Interconnection Agreement if CESIR is not required
Incentive Payment Process	75%/25%	100% at PTO
Incentive Structure	Two-tiered - CBI	Single tier - CBI
Adders	N/A	<ul style="list-style-type: none"> • Brownfields/Landfills \$.10/W • Affordable Housing \$.30/W capped at 50kW

Co-location of projects are not allowed: Would go through C&I MW Block instead

Small Commercial Incentive Structure Revision

Current Block

Block	Block Volume (MW-dc)	CBI (\$/W)	
		<50kW	50-200kW
1	35	1	0.6
2	8	0.9	0.55
3	10	0.8	0.5
4	12	0.7	0.45
5	18	0.6	0.4
6	23	0.5	0.35
7	59	0.4	0.3
8	77	0.3	0.25
9	95	0.2	0.2
10	145	0.15	0.15

Revised Design

Block	Block Volume (MW-dc)	CBI (\$/W)
8	40	0.45
9	65	0.35
10	90	0.25
11	157	0.15

Programs Revisions

Rest of State Commercial Industrial

Program revisions subject to regulatory approval
and remaining budget at the time of launch

ROS Commercial & Industrial

Program Rule Revisions

	Current Program Rules	Revised Program Rules
System Size Eligibility	>200 kW DC	750 kW -7.5MW DC
Project Maturity	Proof of Payment of CESIR, if required	<ul style="list-style-type: none"> • Proof of 25% payment of interconnection upgrades or executed Interconnection Agreement if CESIR is not required • Planning / zoning board approvals
Incentive Payment Process	25%/25%/25%/25%	50%/25%/25%
Incentive Structure	Track 1 or Track 2	Track 2 Removed
Assignment of Payments	Only Payee Assignments	Allowance of Full and/or Payee Assignments
Adders	Strategic Location, Energy Efficiency, Battery Storage	Brownfield/Landfill \$.10/W
Financial Security for Extensions	\$50/KW of system size	Requirement removed
Capacity Factor	13.4% fixed, 16% single axis, 17.5% dual axis	13.4% for all systems

Rest of State includes all utilities except ConEd and PSEG Long Island

ROS Commercial & Industrial Incentive Structure Revision

Current Block

Block	Block Volume (MW-dc)	PBI (\$/W)	
		Volumetric	Monetary
1	120	0.4	0.35
2	120	0.39	0.3
3	130	0.38	0.24
4	130	0.37	0.18
5	140	0.36	0.11
6	140	0.34	0.06
7	150	0.32	0.05
8	150	0.28	0.04
9	160	0.22	0.02
10	170	0.16	0.01
11	180	0.09	0.01

Revised Design

Block	Block Volume (MW-dc)	PBI (\$/W)
12	270	0.25

Rest of State includes all utilities except ConEd and PSEG Long Island

New York State Energy Research and Development Authority

Programs Revisions ConEdison Commercial

Program revisions subject to regulatory approval
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ConEdison Commercial

Program Rule Revisions			
	Current Rules Small Commercial	Current Rules C&I	Revised Program Rules
System Size Eligibility	<200 kW	>200 kW	Up to 7.5MW DC
Project Maturity	N/A	If CESIR Required, proof of payment for CESIR	<ul style="list-style-type: none"> • Proof of 25% payment of interconnection upgrades or executed Interconnection Agreement if CESIR is not required
Incentive Payment Process	75%/25%	25%/25%/25%/25%	100% at PTO
Incentive Structure	Two-tiered - CBI	PBI	*One-tier - CBI
Adders	N/A	Strategic Location, Energy Efficiency, Battery Storage	<ul style="list-style-type: none"> • Brownfields/Landfills • Affordable Housing capped at 50kW <ul style="list-style-type: none"> • Parking Canopy • Rooftop Canopy capped at 25kW
Financial Security for Extensions	N/A	\$50/KW of system size	Requirement removed

*Adjusted from 1/25/2018 presentation

ConEdison Commercial

Current Blocks

Commercial & Industrial		
Block	Block Volume (MW-dc)	PBI (\$/W)
1	15	0.63
2	20	0.61
3	20	0.59
4	25	0.57
5	25	0.55
6	30	0.51
7	30	0.46
8	35	0.39
9	35	0.33
10	40	0.26
11	45	0.20
12	50	0.13
13	55	0.07

Small Commercial			
Block	Block Volume (MW-dc)	CBI (\$/W)	
1	6	1	0.6
2	4	0.9	0.55
3	7.5	0.8	0.5
4	15	0.7	0.45
5	10	0.6	0.4
6	15	0.5	0.35
7	35	0.4	0.3
8	45	0.3	0.25
9	73	0.2	0.2
10	101	0.15	0.15

ConEdison Commercial

Revised Design*

Block	Block Volume (MW-dc)	CBI (\$/W)
6	60	0.6
7	60	0.5
8	60	0.4
9	70	0.3
10	70	0.2
11	70	0.15

*Adjusted from 1/25/2018 presentation

ConEdison Commercial

Adder Values

Block	Proposed Adders (\$/W)			
	Parking Canopy	Rooftop Canopy (Up to 25kW)	Affordable Housing (Up to 50kW)	Brownfield / Landfill
6	0.30	0.30	0.40	0.10
7	0.30	0.30	0.40	0.10
8	0.25	0.25	0.40	0.10
9	0.25	0.25	0.40	0.10
10	0.20	0.20	0.40	0.10
11	0.20	0.20	0.40	0.10

**You can only receive one adder per application – no stacking*



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Program Revisions

PSEG Long Island

Program revisions subject to regulatory approval and remaining budget at the time of launch

PSEG Long Island - Commercial

- Looking into increasing capacity to existing block in lieu of adders
- Increasing system size to 750kW

Implementation Process

Transition Plan

The transition plan will be the same across all programs

- Approved applications that were removed from the interconnection queue by 12/14/17, will be eligible to apply for new incentive in the MW Block Program
- If project has not previously applied for the MW Block Program, they are eligible for the new incentive
- Applications already submitted to the MW Block Program will not be eligible to apply for adders retroactively

Next Steps

- This presentation will be posted to NY-Sun's website
- There will be no formal comment period on the proposal provided today
- NY-Sun is actively working to finalize the internal review and approval process & complete the petition filling
- Stakeholders will be able to comment on the Petition during the 60 day SAPA period

Timeline



Project data analysis
complete

Nov 10



Stakeholder meeting
1

Dec 14



Stakeholder
comment period
ends

Jan 19



Stakeholder meeting
2 - present draft of
program

Jan 25

Timeline



File petition with
DPS

Feb



Finalize NY-Sun
program operations

April



Petition approval

May



Implement program
changes

May

Thank you for your participation!

Stakeholder documents and information:

<http://ny-sun.ny.gov/About/Stakeholder-Meetings.aspx>