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# 2016 Renewable Energy Growth Program Second Open Enrollment Results Summary



**Presentation to Distributed Generation Board**

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# 2016 PUC Approved Renewable Energy Technologies, Classes, and Targets

Renewable Energy Class (Nameplate kW)	Annual Enrollment Target (Nameplate kW)
Small-Scale Solar (1-25 kW DC)	5,500
Medium-Scale Solar (26-250 kW DC)	5,000
Commercial-Scale Solar (251-999 kW DC)	8,000
Large-Scale Solar (1,000-5,000 kW DC)	11,000
Wind (1,500-5,000 kW)	9,000
Anaerobic Digestion (150-1,000 kW)	1,500
Small-Scale Hydropower (10-1,000 kW)	
<b>Total</b>	<b>40,000</b>

# First 2016 Open Enrollment Summary - Projects Awarded Certificates of Eligibility

Class	Nameplate (kW)	PBI (cents/kWh)	Percent Below Ceiling Price	Project Location
Commercial-Scale Solar (251-999 kW DC)	999	15.50	-19.7%	Exeter
Commercial-Scale Solar	996	18.44	-4.5%	Foster
Commercial-Scale Solar	995	17.80	-7.8%	Cumberland

**Total: 2,990 kW**

- 3 Applications totaling 2,990 kW DC or approximately 37% of annual target
- Nameplate capacity weighted average PBI of all projects = 17.24 cents/kWh

## Second 2016 Open Enrollment Allocation

Renewable Energy Class (Nameplate kW)	Open Enrollment Target (Nameplate kW)	Standard PBI <i>applicable to Medium Solar only</i> (cents/kWh)	Ceiling Price (including ITC/PTC & Bonus Depreciation) (cents/kWh)	Term of Service (Years)
Medium-Scale Solar (26-250 kW DC)	5,000	22.55	N/A	20
Commercial-Scale Solar (251-999 kW DC)	5,010	N/A	19.30	20
Large-Scale Solar (1,000-5,000 kW DC)	11,000	N/A	15.10	20
Wind (1,500-2,999 kW	9,000	N/A	18.75	20
3,000-5,000 kW; 2-turbine		N/A	18.00	20
3,000-5,000 kW; 3-turbine)		N/A	17.40	20
Anaerobic Digestion (150-500 kW 501-1,000 kW)	1,500	N/A	20.00	20
		N/A	20.00	20
Small-Scale Hydropower (up to 1,000 kW 10-250 kW 251-1,000 kW)		N/A	18.65	20
		N/A	17.45	20
<b>Open Enrollment Total</b>	<b>31,510</b>			

# Second 2016 Open Enrollment Summary - Commercial-Scale Solar (251 - 999 kW DC) Projects Offered Certificates of Eligibility

Project	Nameplate Capacity (kW DC)	Bid Price (¢/kWh)	Ceiling Price (¢/kWh)	% Below Ceiling Price	Project Location
A	630	17.60	19.30	-8.8%	Glocester
B	999	18.67	19.30	-3.3%	North Smithfield
C	999	16.50	19.30	-14.5%	North Kingstown
	<b>2,628</b>	<b>Total</b>			
	<b>5,010</b>	<b>2016-2 Open Enrollment Nameplate Capacity Target (kW)</b>			

- 3 Applications totaling 2,628 kW DC or approximately 52% of open enrollment target
- Require PUC approval

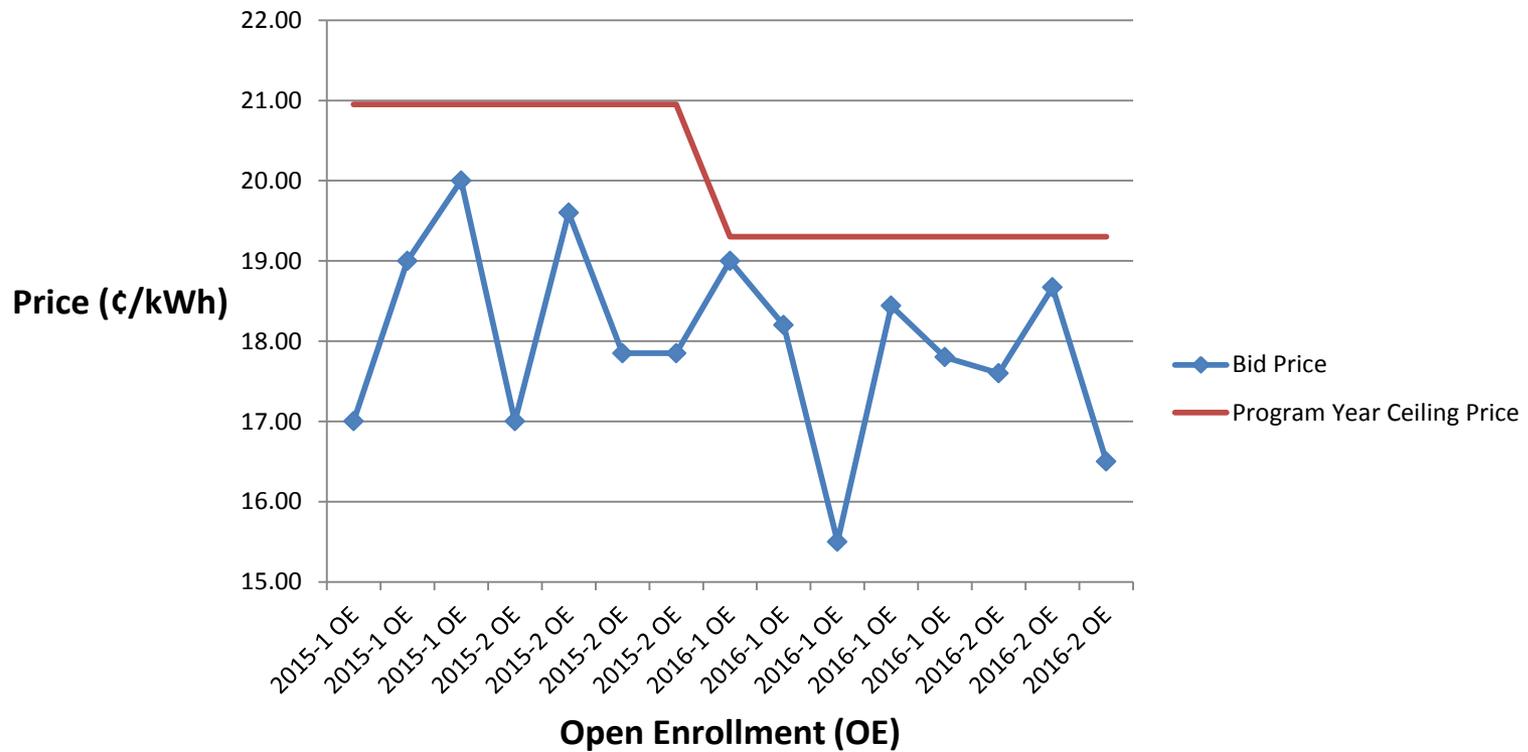
# Second 2016 Open Enrollment Summary - Large-Scale Solar (1,000 - 5,000 kW DC) Projects Offered Certificates of Eligibility

Project	Nameplate Capacity (kW DC)	Bid Price (¢/kWh)	Ceiling Price (¢/kWh)	% Below Ceiling Price	Project Location
D	2,855	14.65	15.10	-3.0%	Portsmouth
E	4,999	11.40	15.10	-24.5%	Charlestown
	<b>7,854</b>	<b>Total</b>			
	<b>11,000</b>	<b>2016-2 Open Enrollment Nameplate Capacity Target (kW)</b>			

- 2 Applications totaling 7,854 kW DC or approximately 71% of open enrollment target
- Require PUC approval
- Nameplate capacity weighted average PBI of all projects awarded Certificates of Eligibility from Second Open Enrollment = 13.84 cents/kWh

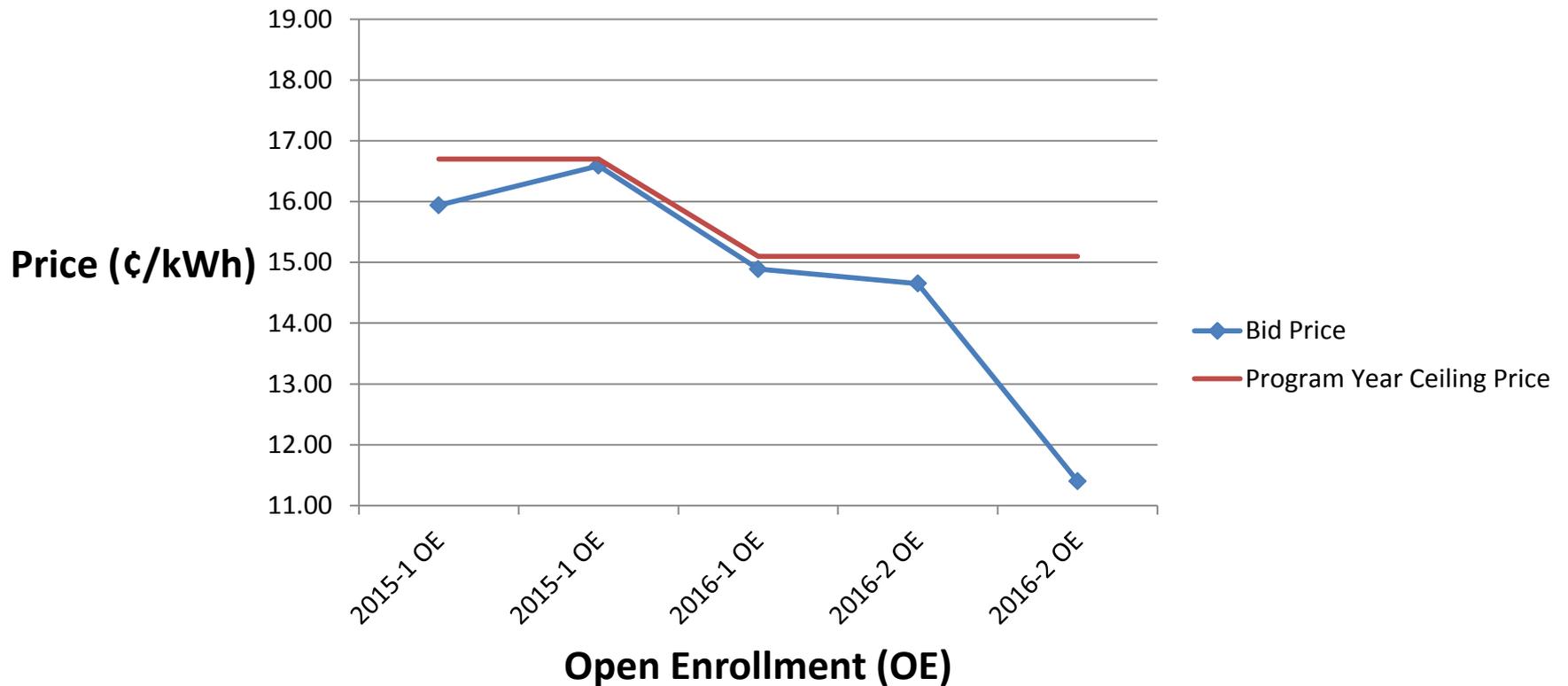
# Review of Application Bid Prices - Program to Date

## Commercial Solar (251 to 999 kW) Bid Prices



# Review of Application Bid Prices - Program to Date

## Large Solar (1 to 5 MW) Bid Prices



# Third 2016 Open Enrollment Allocation

Renewable Energy Class (Nameplate kW)	Open Enrollment Target (Nameplate kW)	Standard PBI <i>applicable to Medium Solar only</i> (cents/kWh)	Ceiling Price (including ITC/PTC & Bonus Depreciation) (cents/kWh)	Term of Service (Years)
Medium-Scale Solar (26-250 kW DC)	5,000	22.55	N/A	20
Commercial-Scale Solar (251-999 kW DC)	2,382	N/A	19.30	20
Large-Scale Solar (1,000-5,000 kW DC)	3,146	N/A	15.10	20
Wind (1,500-2,999 kW	9,000	N/A	18.75	20
3,000-5,000 kW; 2-turbine		N/A	18.00	20
3,000-5,000 kW; 3-turbine)		N/A	17.40	20
Anaerobic Digestion (150-500 kW	1,500	N/A	20.00	20
501-1,000 kW)		N/A	20.00	20
Small-Scale Hydropower (up to 1,000 kW		N/A	18.65	20
10-250 kW	N/A	17.45	20	
251-1,000 kW				
<b>Open Enrollment Total</b>	<b>21,028</b>			

Aggregate bidding on projects in any technology class may exceed the open enrollment target and be selected if other technology classes are under represented, provided the Annual MW Target for the Program is not exceeded. This reflects Section 39-26.6-12(b) of the Renewable Energy Growth Program statute as well as Sections V.d(1 and 2) of the Board’s recommendations in Docket 4589-B.