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NJ Solar Market Update

April 16, 2015

**Renewable Energy Committee Meeting
Trenton, NJ**

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Solar Installed Capacity Data

- The preliminary installed solar capacity as of 3/31/15 is approximately 1,469.7 MW.
 - Approximately 13.1 MW reported as installed in March.
- The preliminary solar project pipeline capacity as of 3/31/15 is approximately 395.8 MW.

For program reporting purposes, projects have achieved the "Installed" designation when the Final as-built documents are received and accepted by the Market Manager (noted as QC or QA Selected status in the project list).



Solar Installed Capacity Data

- A comparison of the solar capacity added in the two most recently completed quarters is as follows:

Q4 2014 = 77.9 MW

Q1 2015 = 37.9 MW

Percent change: Decrease of approximately 51%

- Bad winter weather and extended periods of snow cover have contributed to lower than average install rate during Q1 2015.



NJCEP Solar Installed Projects Plus Pipeline History

NJCEP Solar Installed Projects Plus Pipeline History as of 3/31/15			
As Of	MW Installed	MW Pipeline	Combined MW
1/31/2014	1,201.4	323.5	1,524.9
2/28/2014	1,245.5	284.7	1,530.2
3/31/2014	1,267.1	224.8	1,491.9
4/30/2014	1,272.9	357.2	1,630.1
5/31/2014	1,298.1	352.9	1,651.0
6/30/2014	1,319.2	345.7	1,664.9
7/31/2014	1,336.8	358.3	1,695.1
8/31/2014	1,344.6	361.5	1,706.1
9/30/2014	1,354.0	359.2	1,713.3
10/31/2014	1,365.7	377.1	1,742.8
11/30/2014	1,373.4	391.9	1,765.3
12/31/2014	1,431.9	351.9	1,783.9
1/31/2015	1,438.9	355.8	1,794.6
2/28/2015	1,456.6	349.8	1,806.4
3/31/2015	1,469.7	395.8	1,865.5

Preliminary values for 3/31/15



NJCEP Solar Installed Projects Plus Pipeline Projects Summary

NJCEP Solar Installed Projects Plus Pipeline Projects Preliminary Values As of 3/31/15

Installed Solar Projects

Interconnection Type	Project Qty	Total Capacity (KW DC)	Percent of Capacity	Avg System Size (kW DC)
Behind the meter	34,544	1,153,939.0	78.5%	33.4
Direct Grid Supply	125	315,762.0	21.5%	2,526.1
Installed Totals	34,669	1,469,701.0	100.0%	42.4

Solar Project Pipeline

Interconnection Type	Project Qty	Total Capacity (KW DC)	Percent of Capacity	Avg System Size (kW DC)
Behind the meter	7,707	117,561.5	29.7%	15.3
Direct Grid Supply	38	278,224.4	70.3%	7,321.7
Pipeline Totals	7,745	395,785.9	100.0%	51.1

Totals For All Projects	42,414	1,865,486.9		44.0
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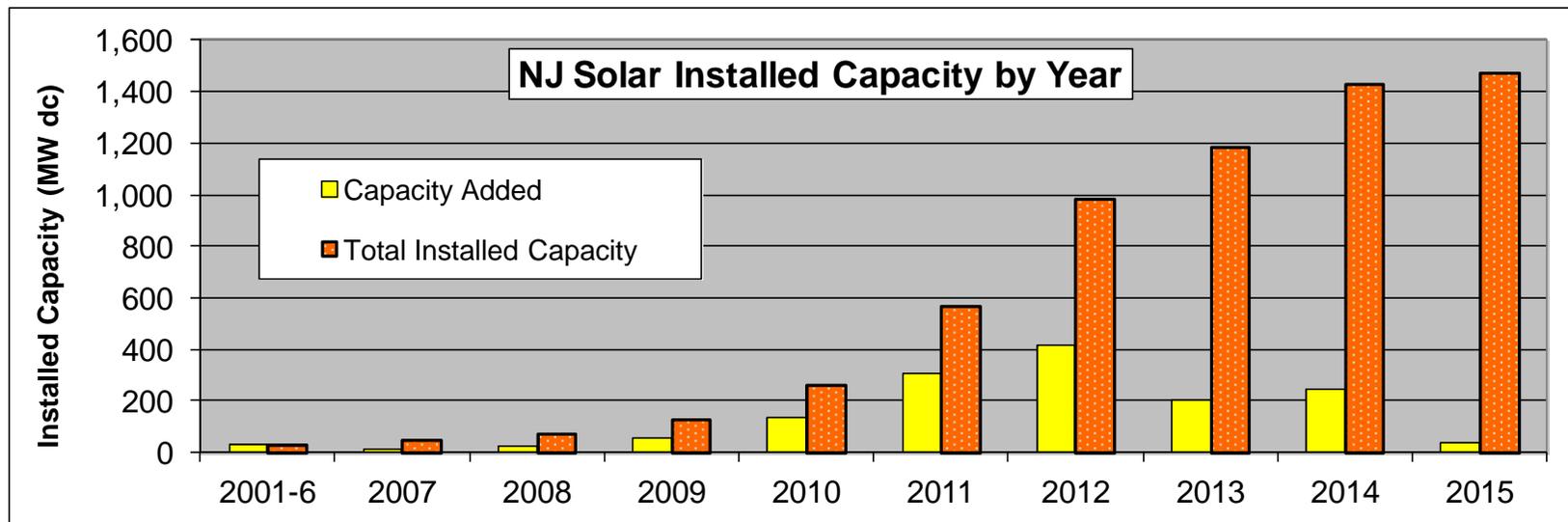
New Jersey Solar Installations by Year As of 3/31/15

New Jersey Solar Installations by Year As of 3/31/15

Year	# Projects	Total kW	Total Rebate \$
2001-06	2,020	32,020.1	\$ 142,689,908
2007	693	15,255.1	\$ 58,122,386
2008	833	22,711.3	\$ 44,923,416
2009	1,349	57,254.3	\$ 56,026,262
2010	3,131	132,383.4	\$ 45,961,190
2011	5,397	305,199.0	\$ 13,383,747
2012	5,902	417,344.4	\$ 2,389,758
2013	6,539	202,247.0	\$ 4,691
2014	6,522	247,433.5	\$ -
2015	2,283	37,852.9	\$ -
Total	34,669	1,469,701.0	\$ 363,501,358



New Jersey Solar Installations by Year As of 3/31/15





Summary of TPO Use For NJCEP Installed Solar Projects

Summary of TPO Use For NJCEP Installed Solar Projects				
All Behind the Meter Installed Projects As of 03/31/15				
TPO Code	Description	Project Qty	Total Capacity (KW dc)	Percent of Capacity
0	Did Not use TPO	5,118	215,192	24.8%
1	Used TPO	20,631	653,700	75.2%
	Totals	25,749	868,891	100%
Blank	Unknown	8,795	285,048	

Residential Behind the Meter Installed Projects As of 03/31/15				
TPO Code	Description	Project Qty	Total Capacity (KW dc)	Percent of Capacity
0	Did Not use TPO	3,926	35,727	18.9%
1	Used TPO	19,039	153,225	81.1%
	Totals	22,965	188,952	100%
Blank	Unknown	6,920	53,026	



NJCEP Direct Grid Supply Solar Project Summary

NJCEP Direct Grid Supply Solar Installed Projects As Of 03/31/15			
Description	Project Qty	Total Capacity (KW dc)	Percent of Capacity
EDC Projects	76	78,465.1	24.9%
Subsection q	9	54,782.8	17.4%
Subsection r	-	-	0.0%
Subsection s	3	12,687.7	4.0%
Subsection t	4	47,300.7	15.0%
Other	33	122,525.7	38.8%
Installed Totals	125	315,762.0	100.0%



NJCEP Direct Grid Supply Solar Project Summary

NJCEP Direct Grid Supply Solar Project Pipeline As Of 03/31/15			
Description	Project Qty	Total Capacity (KW dc)	Percent of Capacity
EDC Projects	-	-	0.0%
Subsection q	26	173,527.0	62.4%
Subsection r	-	-	0.0%
Subsection s	5	41,900.0	15.1%
Subsection t	3	19,695.7	7.1%
Other	4	43,101.7	15.5%
Pipeline Totals	38	278,224.4	100.0%



NJCEP Direct Grid Supply Solar Project Summary

NJCEP Subsection q Project Summary By Energy Year As Of 03/31/15

Energy Year	Subsection q Installed Projects		Subsection q Project Pipeline		Subsection q Installed Projects Plus Pipeline Projects	
	Project Qty	Total Capacity (KW dc)	Project Qty	Total Capacity (KW dc)	Project Qty	Total Capacity (KW dc)
EY14	8	46,337.2	6	30,660.0	14	76,997.2
EY15	1	8,445.6	10	71,061.0	11	79,506.6
EY16	-	-	10	71,806.0	10	71,806.0
Totals	9	54,782.8	26	173,527.0	35	228,309.8



NJCEP Solar Generation Scenarios – EY 2015

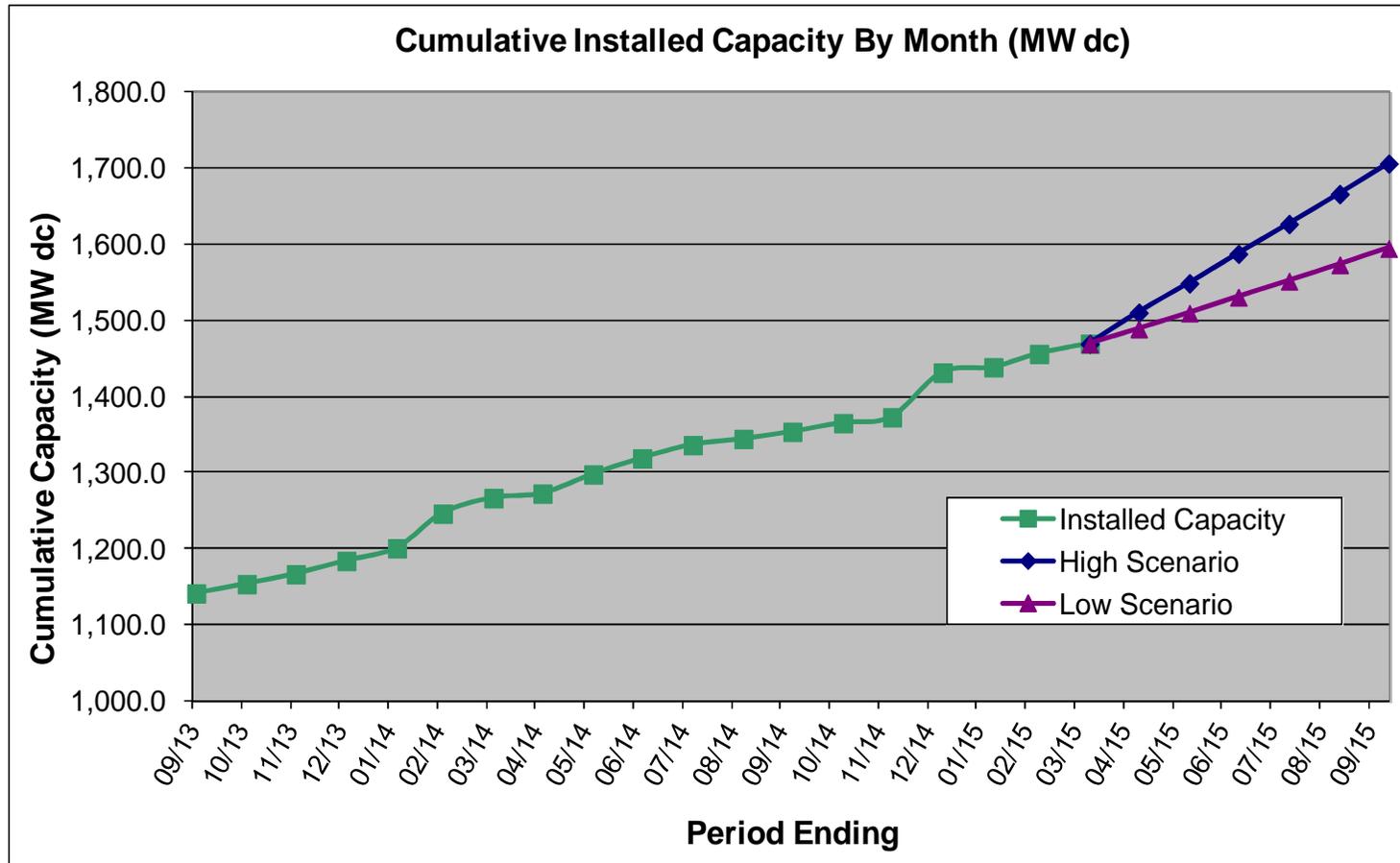
Cumulative Installed Capacity (MW dc)													
End Date	09/30/14	10/31/14	11/30/14	12/31/14	01/31/15	02/28/15	03/31/15	04/30/15	05/31/15	06/30/15	07/31/15	08/31/15	09/30/15
Forecast - Low	1,354.0	1,365.6	1,373.3	1,431.8	1,438.8	1,456.6	1,469.7	1,489.2	1,510.0	1,530.9	1,552.1	1,573.4	1,594.9
Forecast - High	1,354.0	1,365.6	1,373.3	1,431.8	1,438.8	1,456.6	1,469.7	1,510.7	1,549.1	1,587.9	1,627.0	1,666.5	1,706.4

The 1469.7 MW of solar capacity installed as of 03/31/15 and the additional solar capacity estimated to be installed for the remainder of Energy Year 2015 is capable of producing approximately 1,668,000 to 1,670,600 SRECs from electricity generated during Energy Year 2015.

This data is provided for informational purposes only. Past levels of installed capacity rates are not predictive of future values, and any persons considering investment in the solar market should perform their independent due diligence.



NJCEP Solar Generation Scenarios – EY 2015



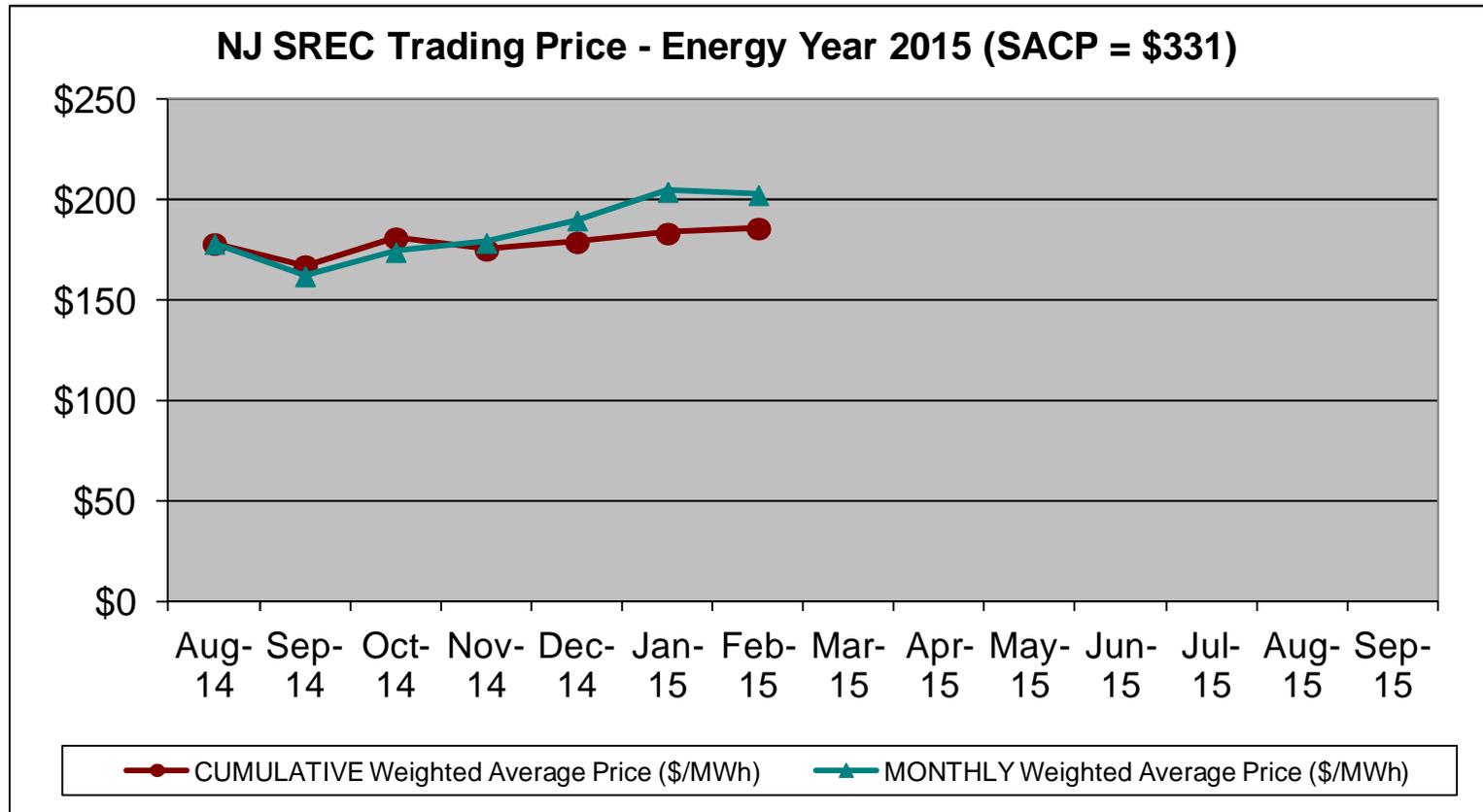


SREC Trading Statistics Energy Year 2015

EY 2015 SACP= \$331			SREC Quantity		Monthly		Cumulative	
Month	Year	Active kW DC	Issued in Month	Traded in Month	High (\$/MWh)	Low (\$/MWh)	# of SRECs Traded	Weighted Avg Price (\$/MWh)
Feb	2015	1,414,745	74,497	142,317	\$ 488	\$ 67	1,111,121	\$185.93
Jan	2015	1,370,192	62,856	169,175	\$ 590	\$ 46	968,804	\$183.49
Dec	2014	1,353,842	98,501	208,575	\$ 486	\$ 70	799,629	\$179.11
Nov	2014	1,346,691	103,381	139,726	\$ 518	\$ 41	591,054	\$175.31
Oct	2014	1,337,929	152,339	226,727	\$ 518	\$ 70	451,328	\$181.15
Sept	2014	1,320,874	164,188	153,637	\$ 518	\$ 70	224,601	\$167.25
Aug	2014	1,315,309	163,745	66,311	\$ 518	\$ 70	70,964	\$178.25
July	2014	1,310,426	150,158	4,653	Due to low trade volume, the July trades are reported with the pricing data for August.			
	Total		969,665	1,111,121				



SREC Trading Statistics Energy Year 2015





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