



NJ Solar Market Update

**Prepared by Charlie Garrison
December 19, 2014**



Solar Installed Capacity Data

- The preliminary installed solar capacity as of 11/30/14 is approximately 1,373 MW.
 - Approximately 7.7 MW reported as installed in November.
- The preliminary solar capacity project pipeline as of 11/30/14 is approximately 391.9 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

- The 2014 Year to date installed capacity is approximately 102% of the 2013 YTD value for the same period.
- A comparison of the solar capacity added in the two most recently completed quarters is as follows:
 - Q2 2014 = 52.1 MW Q3 2014 = 34.8 MW
 - Percent change: Decrease of approximately 33%



NJCEP Solar Installed Projects Plus Pipeline History

NJCEP Solar Installed Projects Plus Pipeline History as of 11/30/14			
As Of	MW Installed	MW Pipeline	Combined MW
10/31/2013	1,155.4	357.4	1,512.8
11/30/2013	1,168.1	346.3	1,514.4
12/31/2013	1,184.5	338.0	1,522.5
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

Preliminary values for 11/30/14



NJCEP Solar Installed Projects Plus Pipeline Projects Summary

Preliminary Values As of 11/30/14

Installed Solar Projects

Interconnection Type	Project Qty	Total Capacity (KW DC)	Percent of Capacity	Avg System Size (kW DC)
Behind the meter	31,675	1,107,340.1	80.6%	35.0
Direct Grid Supply	119	266,054.1	19.4%	2,235.7
Installed Totals	31,794	1,373,394.2	100.0%	43.2

Solar Project Pipeline

Interconnection Type	Project Qty	Total Capacity (KW DC)	Percent of Capacity	Avg System Size (kW DC)
Behind the meter	6,017	107,288.7	27.4%	17.8
Direct Grid Supply	38	284,643.7	72.6%	7,490.6
Pipeline Totals	6,055	391,932.4	100.0%	64.7

Totals For All Projects	37,849	1,765,326.6		46.6
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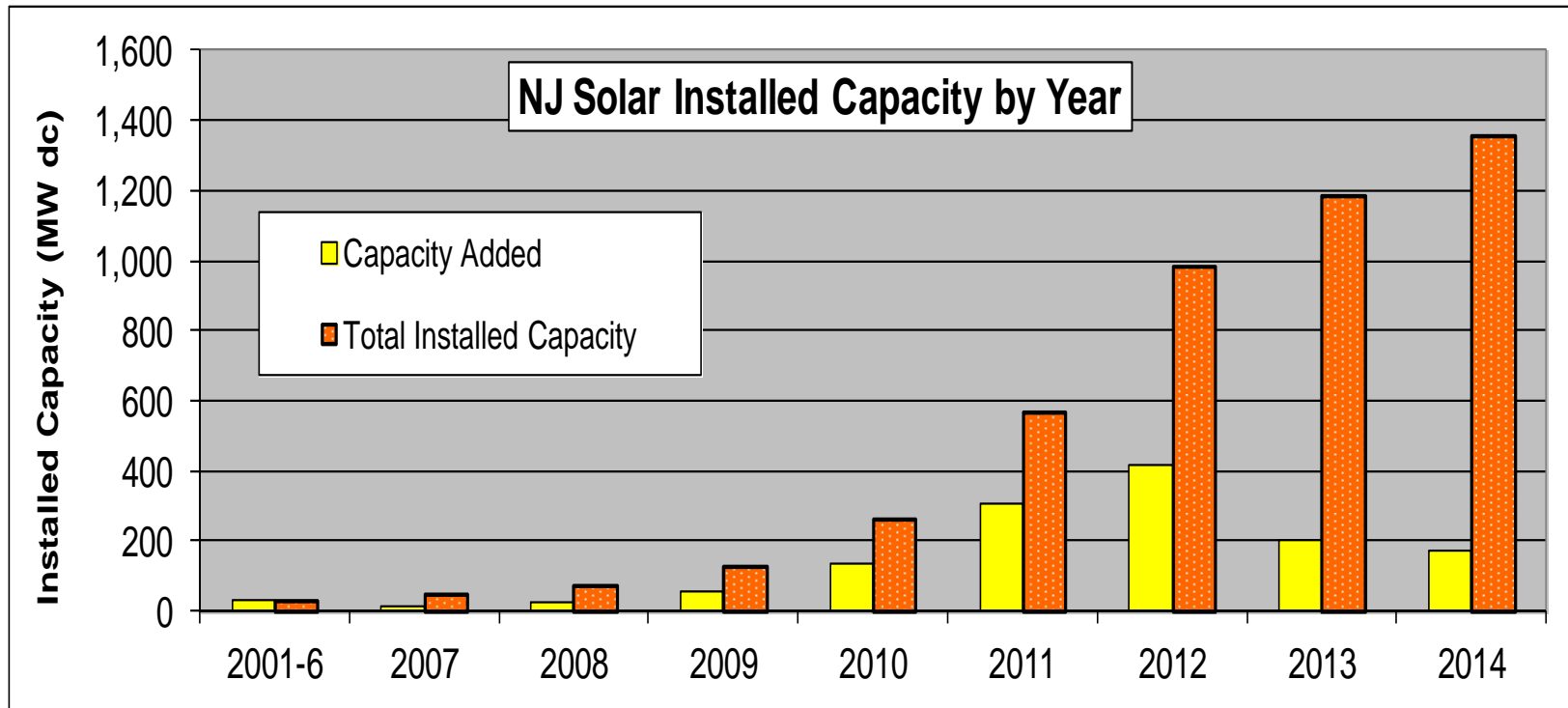
New Jersey Solar Installations by Year As of 11/30/14

Year	# Projects	Total kW	Total Rebate \$
2001-06	2,020	32,065.5	\$ 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	202,246.9	\$ 4,691
2014	5,930	188,934.4	\$ -
Total	31,794	1,373,394.2	\$ 363,501,358

Total* = Program to date totals for Paid projects plus projects pending payment; preliminary results subject to true-up based upon inspection results.



New Jersey Solar Installations by Year As of 11/30/14





NJCEP Direct Grid Supply Solar Project Summary

NJCEP Direct Grid Supply Solar Installed Projects As Of 11/30/14			
Description	Project Qty	Total Capacity (KW dc)	Percent of Capacity
EDC Projects	76	78,465.1	29.5%
Subsection q	6	32,495.0	12.2%
Subsection r	-	-	0.0%
Subsection s	3	12,687.7	4.8%
Subsection t	1	19,880.6	7.5%
Other	33	122,525.7	46.1%
Installed Totals	119	266,054.1	100.0%



NJCEP Direct Grid Supply Solar Project Summary

NJCEP Direct Grid Supply Solar Project Pipeline As Of 11/30/14			
Description	Project Qty	Total Capacity (KW dc)	Percent of Capacity
EDC Projects	-	-	0.0%
Subsection q	29	198,747.0	69.8%
Subsection r	-	-	0.0%
Subsection s	-	-	0.0%
Subsection t	5	42,795.0	15.0%
Other	4	43,101.7	15.1%
Pipeline Totals	38	284,643.7	100.0%



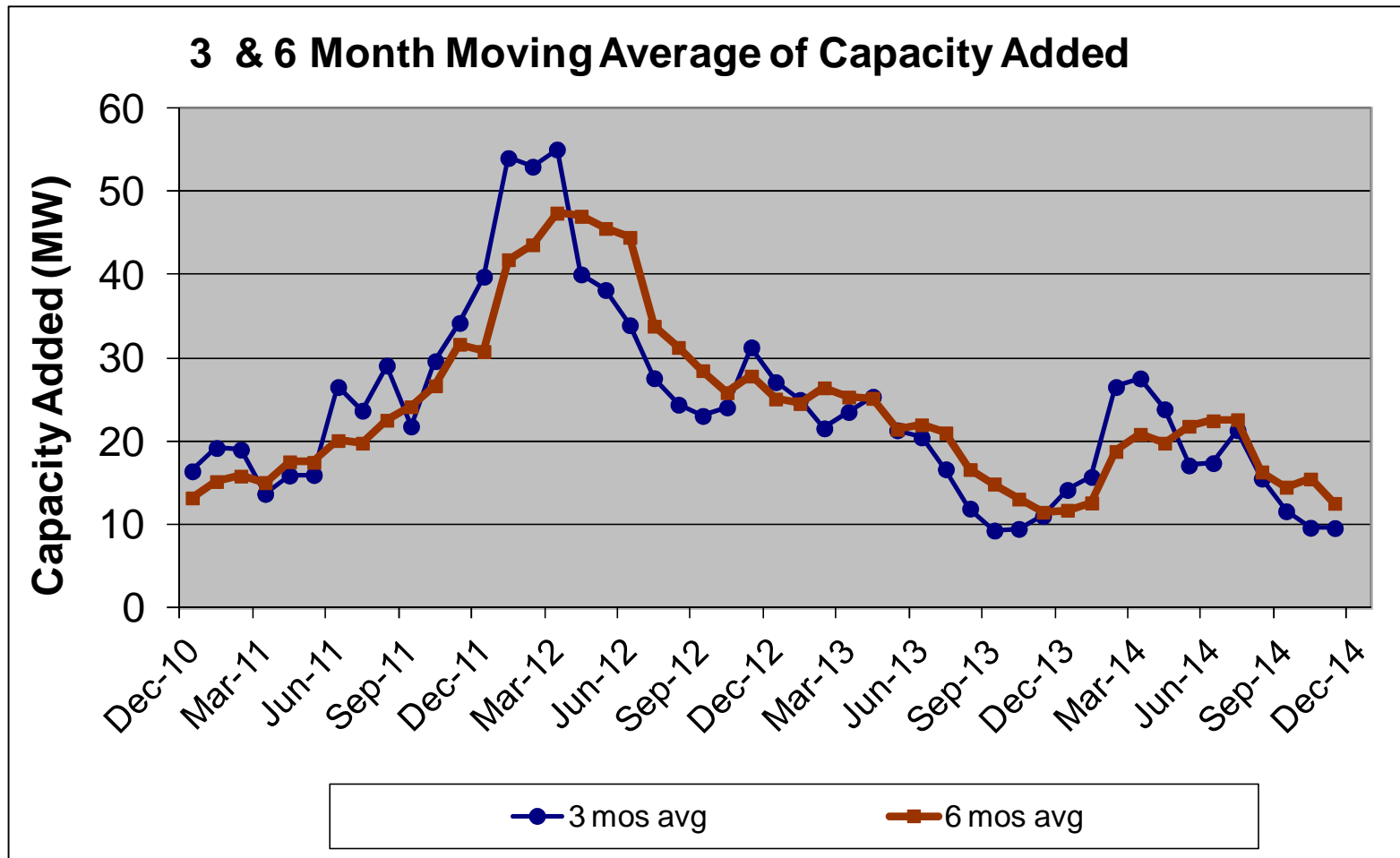
NJCEP Direct Grid Supply Solar Project Summary

NJCEP Subsection q Project Summary By Energy Year As Of 11/30/14

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	5	24,049.5	9	55,880.0	14	79,929.5
EY15	1	8,445.6	10	71,061.0	11	79,506.6
EY16	-	-	10	71,806.0	10	71,806.0
Totals	6	32,495.0	29	198,747.0	35	231,242.0

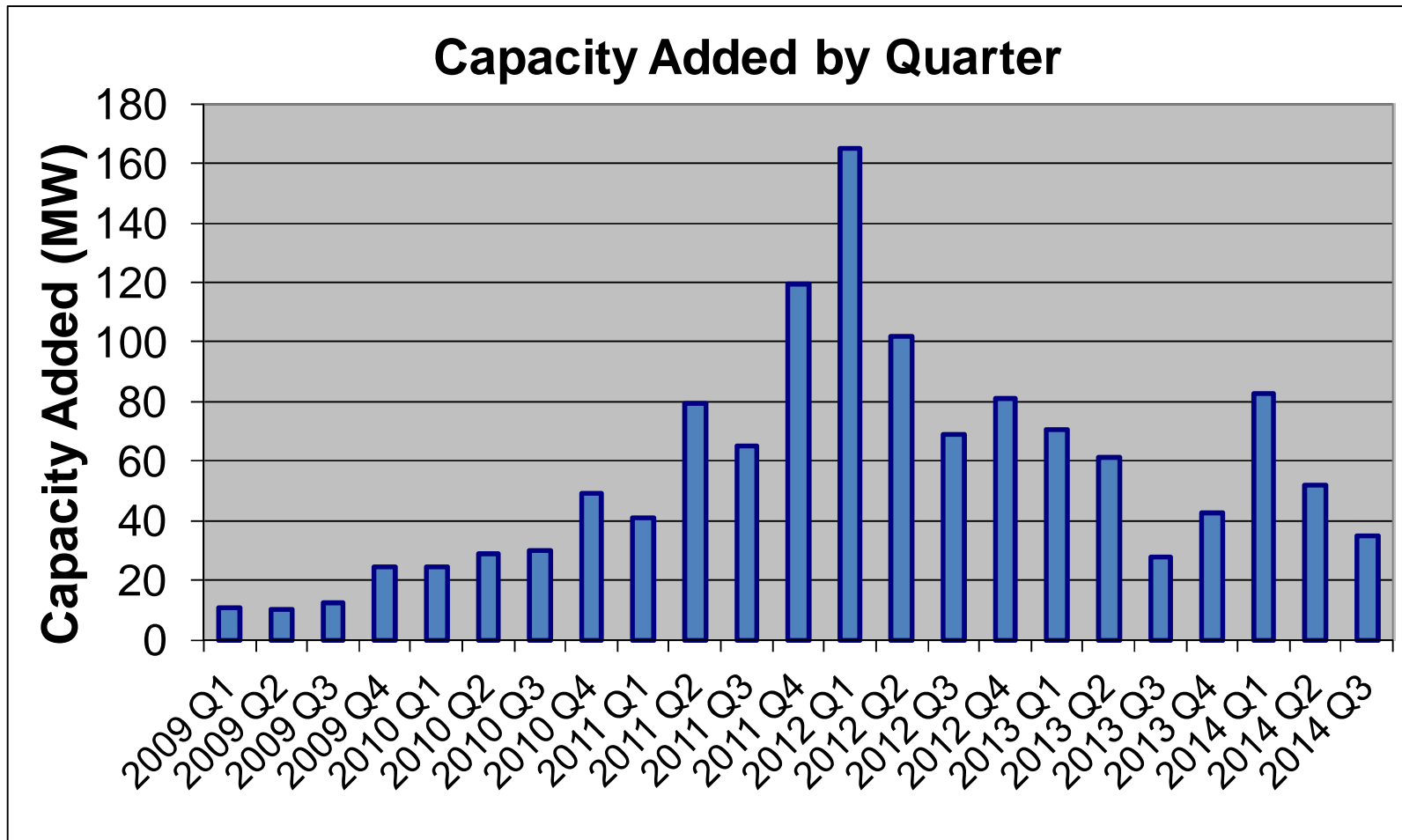


Solar Installed Capacity All Projects



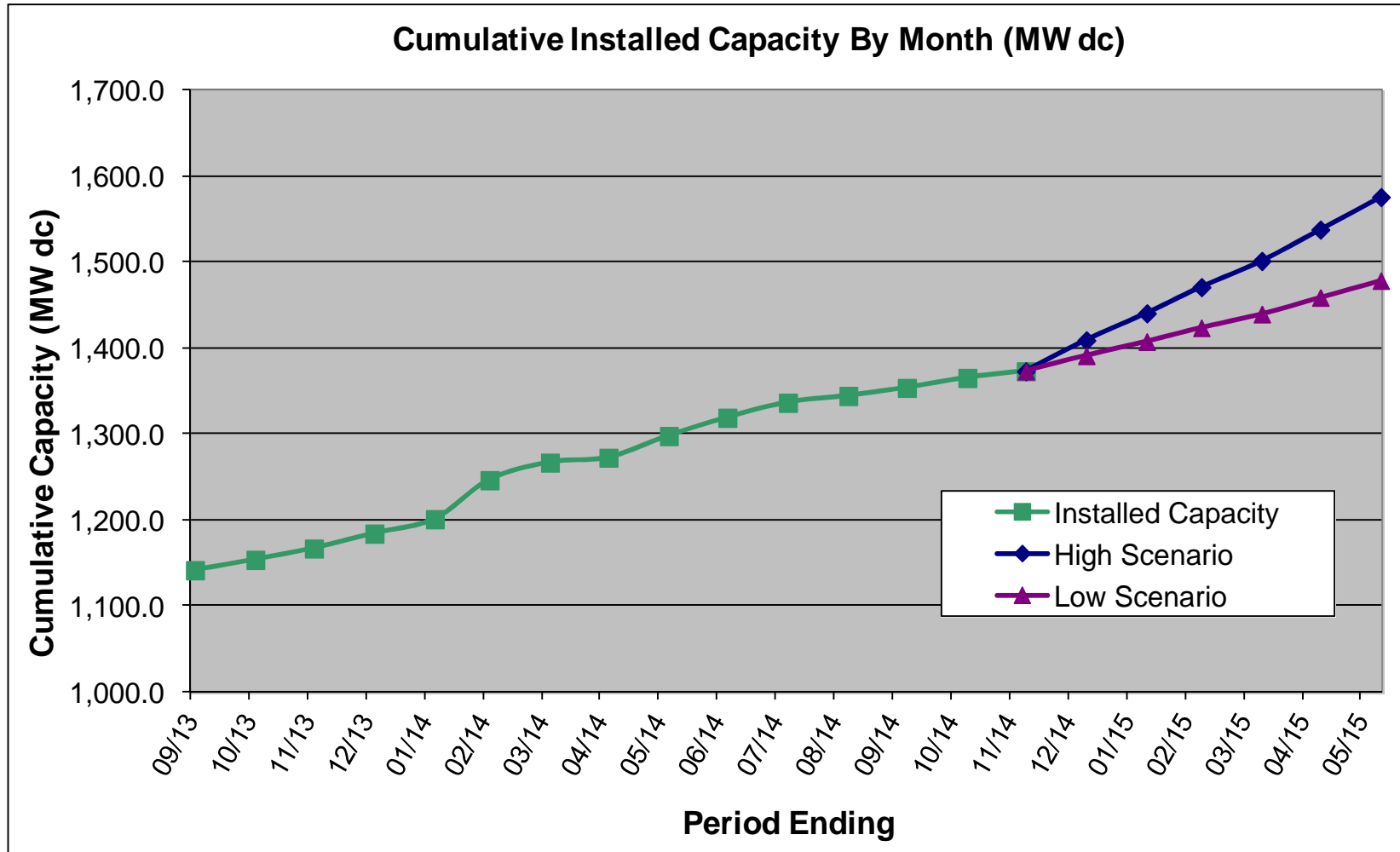


Solar Installed Capacity Added By Quarter





NJCEP Solar Installed Capacity Scenarios As Of 11/30/14





NJCEP Solar Installed Capacity Scenarios As Of 11/30/14

Cumulative Installed Capacity (MW dc)													
End Date	05/31/14	06/30/14	07/31/14	08/31/14	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
Forecast - Low	1,298.1	1,319.2	1,336.8	1,344.7	1,354.0	1,365.7	1,373.4	1,391.4	1,407.9	1,423.9	1,439.9	1,459.0	1,478.8
Forecast - High	1,298.1	1,319.2	1,336.8	1,344.7	1,354.0	1,365.7	1,373.4	1,409.4	1,440.8	1,471.2	1,501.7	1,538.1	1,576.0

The 1373.4 MW of solar capacity installed as of 11/30/14 and the additional solar capacity estimated to be installed for the remainder of Energy Year 2015 is capable of producing approximately 2,302,159 to 2,327,859 SRECs 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.

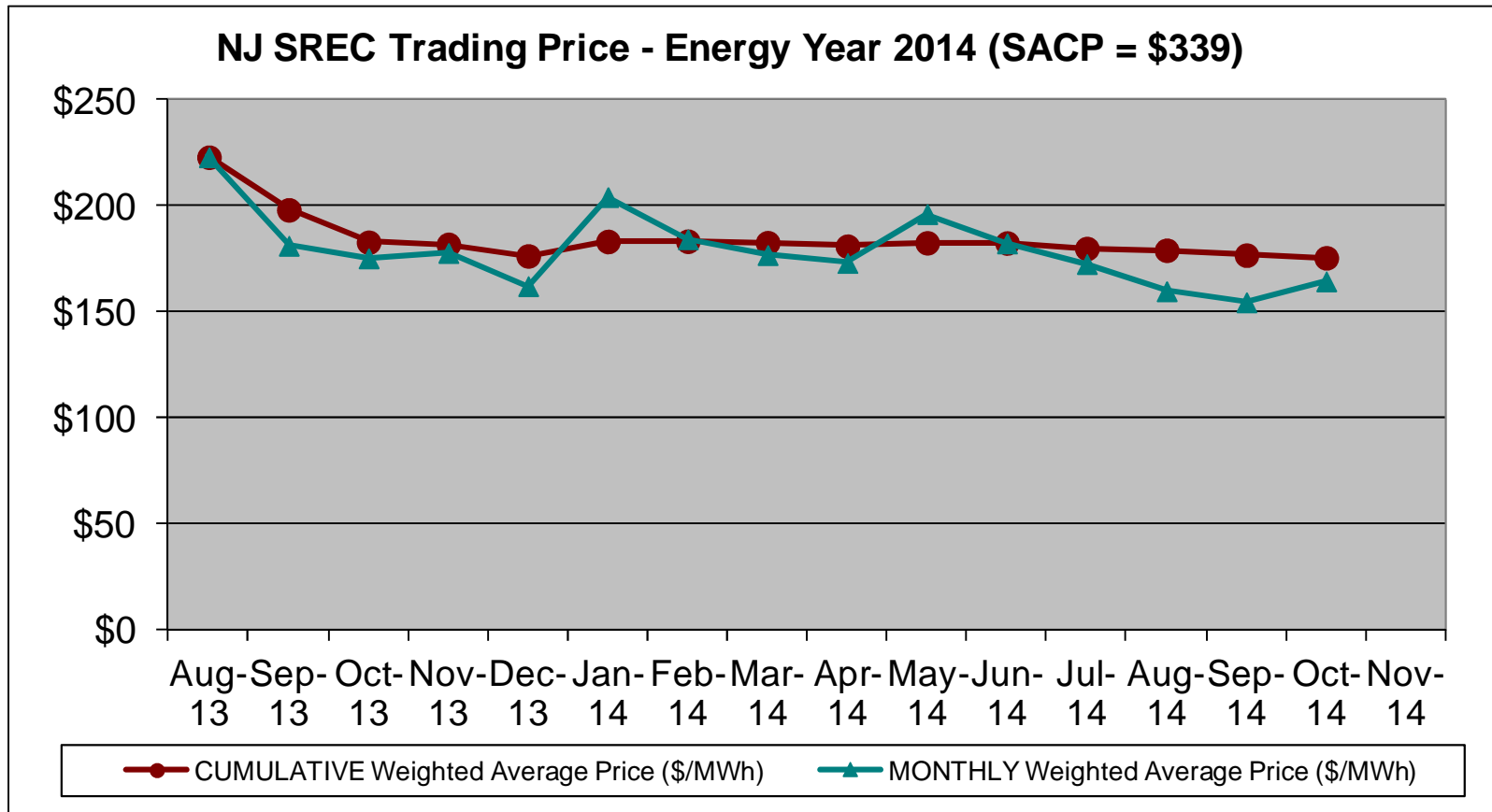


Current SREC Trading Statistics Energy Year 2014

EY 2014 SACP= \$339			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)
Nov	2014							
Oct	2014	1,346,587	7,793	280,105	\$ 670	\$ 110	2,728,828	\$175.53
Sept	2014	1,329,532	8,766	231,272	\$ 620	\$ 60	2,448,723	\$176.80
Aug	2014	1,323,967	8,075	91,929	\$ 500	\$ 95	2,217,451	\$179.13
July	2014	1,310,639	29,784	555,764	\$ 600	\$ 40	2,125,522	\$179.96
June	2014	1,272,992	164,586	366,414	\$ 510	\$ 63	1,569,758	\$182.55
May	2014	1,253,711	158,618	127,996	\$ 620	\$ 70	1,203,344	\$182.62
Apr	2014	1,244,272	116,395	188,295	\$ 590	\$ 60	1,075,348	\$181.01
Mar	2014	1,231,749	63,782	94,457	\$ 524	\$ 70	887,053	\$182.69
Feb	2014	1,192,262	55,162	99,400	\$ 524	\$ 70	792,596	\$183.39
Jan	2014	1,179,321	52,207	170,466	\$ 610	\$ 70	693,196	\$183.26
Dec	2013	1,132,223	103,455	143,767	\$ 590	\$ 40	522,730	\$176.45
Nov	2013	1,118,671	91,969	77,064	\$ 510	\$ 70	378,963	\$181.86
Oct	2013	1,113,172	132,960	201,965	\$ 641	\$ 50	301,899	\$182.89
Sept	2013	1,102,963	126,470	59,396	\$ 545	\$ 50	99,934	\$198.19
Aug	2013	1,096,487	121,102	36,469	\$ 545	\$ 50	40,538	\$223.03
July	2013	1,082,545	120,692	4,069	Due to low trade volume, the July trades are reported with the pricing data for August.			
	Total		1,361,816	2,728,828				



Current SREC Trading Statistics Energy Year 2014





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