



Initiation of a Proceeding to Investigate Approaches to Mitigate Solar Development Volatility pursuant to N.J.S.A. 48:3-87(d)(3)(a)

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March 13, 2013
Renewable Energy Meeting
Trenton, NJ



Solar Installed Capacity Data

- The installed solar capacity as of 1/31/13 is approximately 973.4 MW.
 - Approximately 17.8 MW installed in current month.
- The preliminary solar capacity project pipeline as of 1/31/13 is approximately 732 MW
 - The project pipeline decreased approximately
 13 MW in the current month.

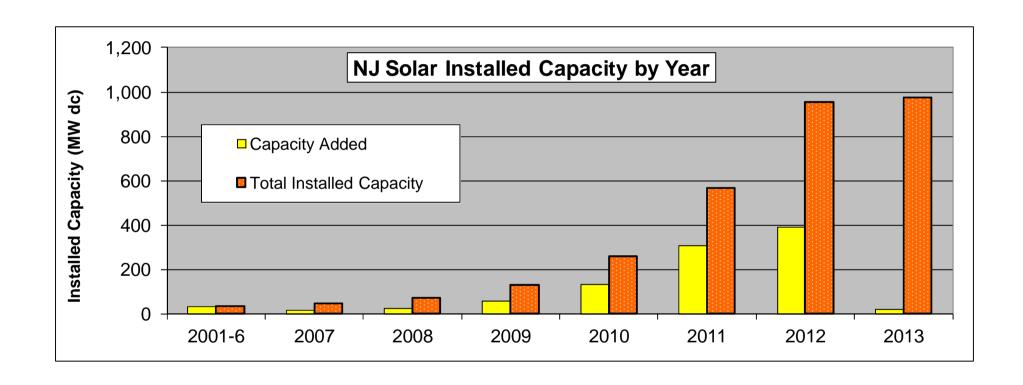


New Jersey Solar Installations by Year As of 01/31/13

Year	# Projects	Total kW	Total Rebate \$
2001	3	7.5	\$ 37,145
2002	37	623.5	\$ 2,424,694
2003	95	1,176.6	\$ 5,323,411
2004	289	2,037.1	\$ 10,581,975
2005	729	9,908.1	\$ 46,235,897
2006	867	18,320.4	\$ 78,086,786
2007	693	15,258.3	\$ 58,122,386
2008	833	22,711.3	\$ 44,923,416
2009	1,349	57,254.3	\$ 56,026,262
2010	3,134	132,415.7	\$ 45,973,150
2011	5,397	305,207.2	\$ 13,394,332
2012	5,901	390,649.4	\$ 2,394,540
2013	592	17,871.8	\$ 2,070
Total	19,919	973,441.1	\$ 363,526,065



Solar Installed Capacity





NJCEP Solar Pipeline Plus Installed Projects History

NJCEP Sol	NJCEP Solar Pipeline Plus Installed Projects History as of 1/31/13								
As Of	MW Installed	MW Pipeline	Combined MW						
9/30/2011	447.7	569.3	1,017.0						
10/31/2011	490.5	571.7	1,062.2						
11/30/2011	531.7	599.4	1,131.1						
12/31/2011	565.9	618.7	1,184.6						
1/31/2012	649.9	548.0	1,197.1						
2/29/2012	688.3	542.3	1,231.4						
3/31/2012	730.0	526.1	1,256.5						
4/30/2012	770.0	510.0	1,280.0						
5/31/2012	802.8	560.7	1,363.5						
6/30/2012	831.9	590.3	1,422.2						
7/31/2012	852.6	756.2	1,608.8						
8/31/2012	876.1	806.9	1,683.0						
9/30/2012	900.9	740.0	1,640.9						
10/31/2012	918.1	738.9	1,657.0						
11/30/2012	943.2	750.3	1,693.5						
12/31/2012	955.6	744.4	1,700.0						
1/31/2013	973.4	731.6	1,705.0						

Preliminary values for 1/31/13

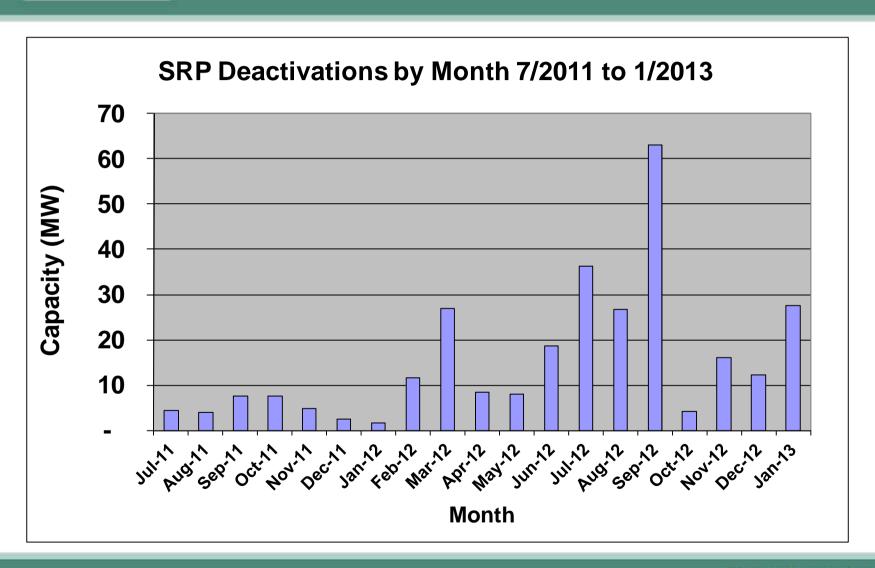


SRP Deactivations by Month

5	SRP Deactivations by Month							
Year	Month End	Project Qty	Capacity (kW)					
2011	Oct-11	120	7,485					
2011	Nov-11	46	4,689					
2011	Dec-11	81	2,493					
2012	Jan-12	40	1,496					
2012	Feb-12	86	11,552					
2012	Mar-12	150	26,976					
2012	Apr-12	116	8,323					
2012	May-12	133	7,928					
2012	Jun-12	122	18,540					
2012	Jul-12	227	36,378					
2012	Aug-12	146	26,674					
2012	Sep-12	346	62,985					
2012	Oct-12	35	4,126					
2012	Nov-12	356	16,049					
2012	Dec-12	144	12,258					
2013	Jan-13	147	27,569					



SRP Deactivations by Month





Solar Capacity By Interconnection Type

Installed Solar Projects as of 1/31/13									
Interconnection Type	Qty	System Size (kW)	Percent	Avg System Size (kW)					
Behind the meter	19,824	778,094.5	79.9%	39.3					
Direct Grid Supply	95	195,346.6	20.1%	2,056.3					
Totals	19,919	973,441.1	100.0%	48.9					
Solar Project Pipeli	ne as of 1	/31/13							
Interconnection Type	Qty	System Size (kW)	Percent	Avg System Size (kW)					
Behind the meter	4,750	233,567.5	31.9%	49.2					
Direct Grid Supply	49	497,887.1	68.1%	10,161.0					
Totals	4,799	731,454.6	100.0%	152.4					
Totals For All Projects	24,718	1,704,895.7		69.0					



Solar Capacity By Interconnection Type

NJCEP Solar Installed Projects Plus Pipeline History as of 12/31/12								
	MW Ins	stalled	MW Pi	peline				
As Of	втм	DGS	втм	DGS	Combined MW			
12/31/2011	458.1	107.7	446.5	172.3	1,184.6			
3/31/2012	567.8	162.6	376.4	149.8	1,256.6			
6/30/2012	659.7	171.9	338.5	251.7	1,421.8			
9/30/2012	708.5	192.4	271.2	468.8	1,640.9			
12/31/2012	760.3	195.3	246.5	497.9	1,700.0			

BTM = Behind The Meter

DGS = Direct Grid Supply



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 Installed Capacity Forecast - As of 1/31/13

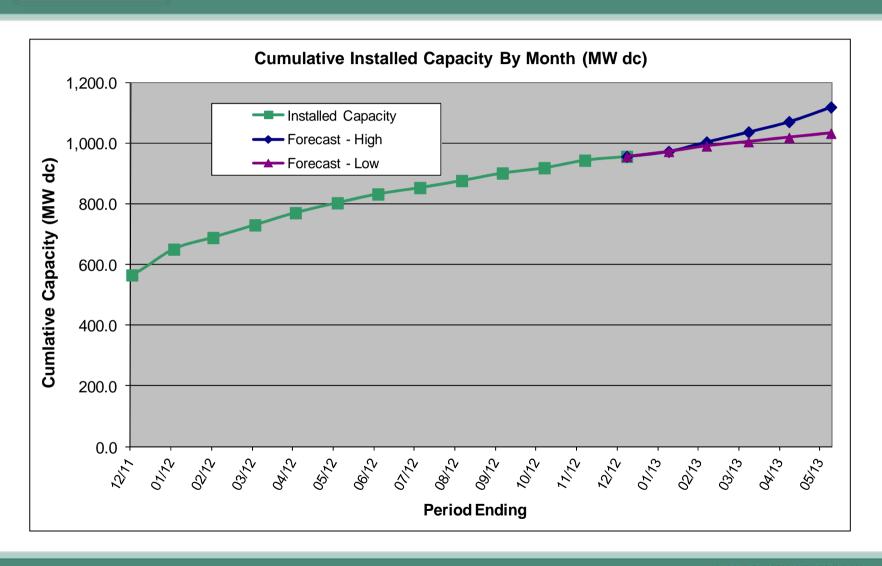
Cumulative Installed Capacity (MW dc)													
End Date	05/31/12	06/30/12	07/31/12	08/31/12	09/30/12	10/31/12	11/30/12	12/31/12	01/31/13	02/28/13	03/31/13	04/30/13	05/31/13
Forecast - Low	802.8	831.8	852.7	876.1	900.9	918.1	943.2	955.6	973.4	991.4	1,007.4	1,021.4	1,035.4
Forecast - High	802.8	831.8	852.7	876.1	900.9	918.1	943.2	955.6	973.4	1,011.4	1,045.4	1,079.4	1,127.5

The 973.4 MW of solar capacity installed as of 01/31/13 and the additionally forecast installed solar capacity for the remainder of Energy Year 2013 is estimated to be capable of producing approximately 1,105,700 to 1,118,800 SRECs during Energy Year 2013.

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NJCEP Solar Installed Capacity Forecast - As of 1/31/13





RPS Requirement By Energy Year

Energy Yr	RPS Req	Status
2012	442,000	Actual
2013	596,000	Actual
2014	1,660,500	Estimated
2015	1,984,500	Estimated
2016	2,227,500	Estimated

Energy Yr	Retail Sales Est (MWh)	RPS %	Est RPS Req (MWh)
2014	81,000,000	2.05%	1,660,500
2015	81,000,000	2.45%	1,984,500
2016	81,000,000	2.75%	2,227,500

Note: The Retail Sales estimates shown above were used to estimate RPS MWh requirement for EY 2014-2016



NJCEP Solar Generation Forecast Forecasted MW Capacity Added By Energy Year - As of 01/31/13

Energy Yr	Low	Med	High
2012	442.0	442.0	442.0
2013	251.5	278.5	309.5
2014	168.5	354.8	576.6
2015	270.0	256.5	337.5
2016	303.8	243.0	222.8

Assumptions used in forecast of annual capacity added for each EY expressed as a percent of RPS requirement

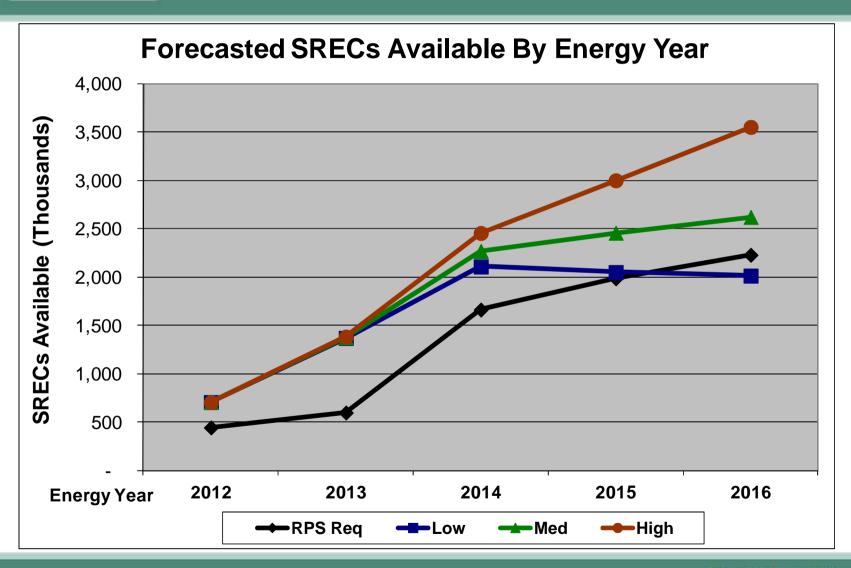
Energy Yr	Low	Med	High
2012	390%	390%	390%
2013	196%	217%	241%
2014	19%	40%	65%
2015	100%	95%	125%
2016	150%	120%	110%



NJCEP Solar Generation Forecast Summary By Energy Year - As of 1/31/13

Energy Yr (RPS Req)	Item	Low	Med	High
	Est Avail (MWh)	704,688	704,688	704,688
EY2012 (442 GWh)	% of RPS Requirement	159.4%	159.4%	159.4%
	MW Difference	218.9	218.9	218.9
	Est Avail (MWh)	1,368,388	1,374,588	1,381,488
EY2013 (596 GWh)	% of RPS Requirement	229.6%	230.6%	231.8%
	MW Difference	643.7	648.8	654.6
	Est Avail (MWh)	2,106,988	2,265,888	2,453,288
EY2014 (1660.5 GWh)	% of RPS Requirement	126.9%	136.5%	147.7%
	MW Difference	372.1	504.5	660.7
	Est Avail (MWh)	2,048,888	2,454,988	2,998,088
EY2015 (1984.5 GWh)	% of RPS Requirement	103.2%	123.7%	151.1%
	MW Difference	53.7	392.1	844.7
	Est Avail (MWh)	2,012,588	2,619,188	3,549,688
EY2016 (2227.5 GWh)	% of RPS Requirement	90.4%	117.6%	159.4%
	MW Difference	(179.1)	326.4	1,101.8







Current SREC Trading Statistics Energy Year 2013

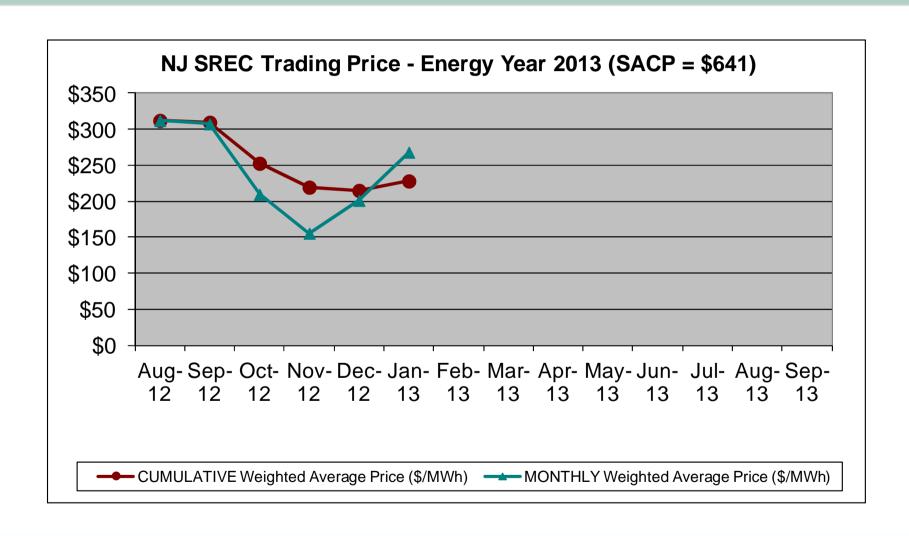
Current SREC Trading Statistics Energy Year 2013

For SRECs from electricity produced June 1, 2012 – May 31, 2013. Includes transactions during the true-up period.

EY 2	013 SA(CP= \$641	SREC G	Quantity		Mon	thly		Cumu	ılative		
Month	Year	Active kW DC	Issued in Month	Traded in Month	High (\$/MWh)						# of SRECs Traded	Weighted Avg Price (\$/MWh)
Mar	2013											
Feb	2013											
Jan	2013	921,280	47,648	96,603	\$	641	\$	40	390,045	\$228.20		
Dec	2012	898,186	65,933	72,070	\$	620	\$	40	293,442	\$215.06		
Nov	2012	886,645	60,244	75,602	\$	658	\$	60	221,372	\$219.56		
Oct	2012	866,992	90,783	82,813	\$	658	\$	40	145,770	\$252.81		
Sept	2012	850,885	106,498	34,124	\$	650	\$	50	62,957	\$309.77		
Aug	2012	836,079	101,993	21,510	\$	620	\$	50	28,833	\$312.37		
Jul	2012	814,669	95,855	7,323	Due to low trade volume, the July trades are reported with the pricing data for August.							
	Total		568,954	390,045								



Current SREC Trading Statistics Energy Year 2013





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NJ SREC Trading Statistics for each Energy Year

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