



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

**Prepared by Charlie Garrison
December 9, 2013
Renewable Energy Meeting
Trenton, NJ**



Solar Installed Capacity Data

- The preliminary installed solar capacity as of 11/30/13 is approximately 1,168.1 MW.
 - Approximately 13 MW installed in current month.
- The preliminary solar capacity project pipeline as of 11/30/13 is approximately 346.3 MW.
 - The project pipeline decreased approximately 11 MW in the current month.



NJCEP Solar Installed Projects Plus Pipeline Projects

Preliminary Values As of 11/30/13

Installed Solar Projects

Interconnection Type	Project Qty	Total Capacity (KW DC)	Percent of Capacity	Avg System Size (kW DC)
Behind the meter	25,239	941,706.6	80.6%	37.3
Direct Grid Supply	109	226,427.7	19.4%	2,077.3
Installed Totals	25,348	1,168,134.3	100.0%	46.1

Solar Project Pipeline

Interconnection Type	Project Qty	Total Capacity (KW DC)	Percent of Capacity	Avg System Size (kW DC)
Behind the meter	4,256	149,972.5	43.3%	35.2
Direct Grid Supply	30	196,356.1	56.7%	6,545.2
Pipeline Totals	4,286	346,328.6	100.0%	80.8

Totals For All Projects	29,634	1,514,462.9		51.1
--------------------------------	---------------	--------------------	--	-------------



NJCEP Solar Pipeline Plus Installed Projects History

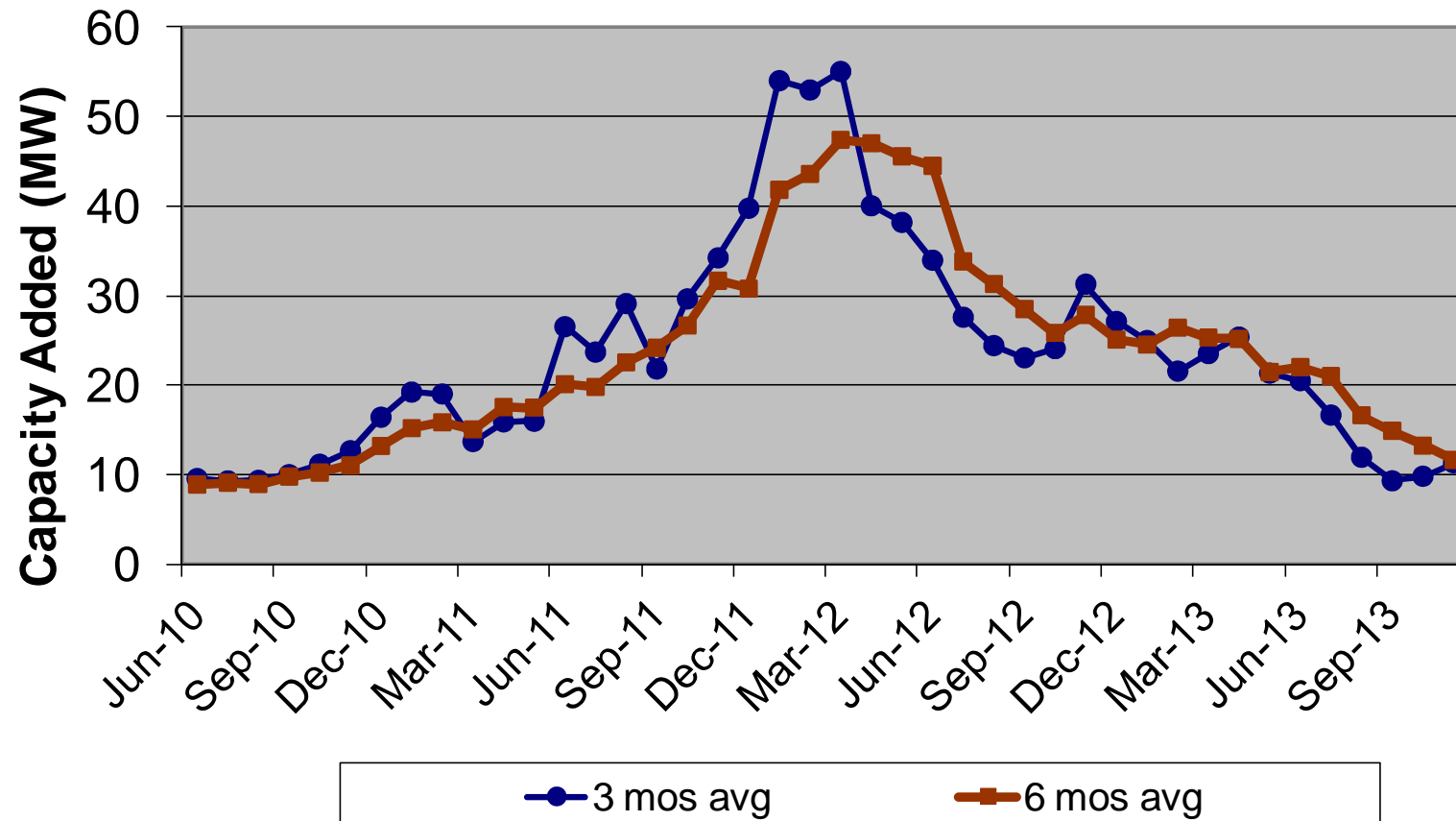
NJCEP Solar Pipeline Plus Installed Projects History as of 11/30/13			
As Of	MW Installed	MW Pipeline	Combined MW
7/31/2012	852.7	756.2	1,608.9
8/31/2012	876.0	806.9	1,682.9
9/30/2012	900.9	739.9	1,640.8
10/31/2012	924.9	732.0	1,656.9
11/30/2012	969.9	723.5	1,693.4
12/31/2012	982.3	717.6	1,699.9
1/31/2013	999.8	704.9	1,704.7
2/28/2013	1,034.5	675.4	1,709.9
3/31/2013	1,052.8	675.5	1,728.3
4/30/2013	1,075.9	660.2	1,736.1
5/31/2013	1,098.5	656.9	1,755.4
6/30/2013	1,114.3	562.5	1,676.8
7/31/2013	1,125.8	516.9	1,642.7
8/31/2013	1,134.3	357.1	1,491.4
9/30/2013	1,142.3	354.4	1,496.7
10/31/2013	1,155.4	357.4	1,512.8
11/30/2013	1,168.1	346.3	1,514.4

Preliminary values for 11/30/13



Solar Installed Capacity All Projects

3 & 6 Month Moving Average of Capacity Added



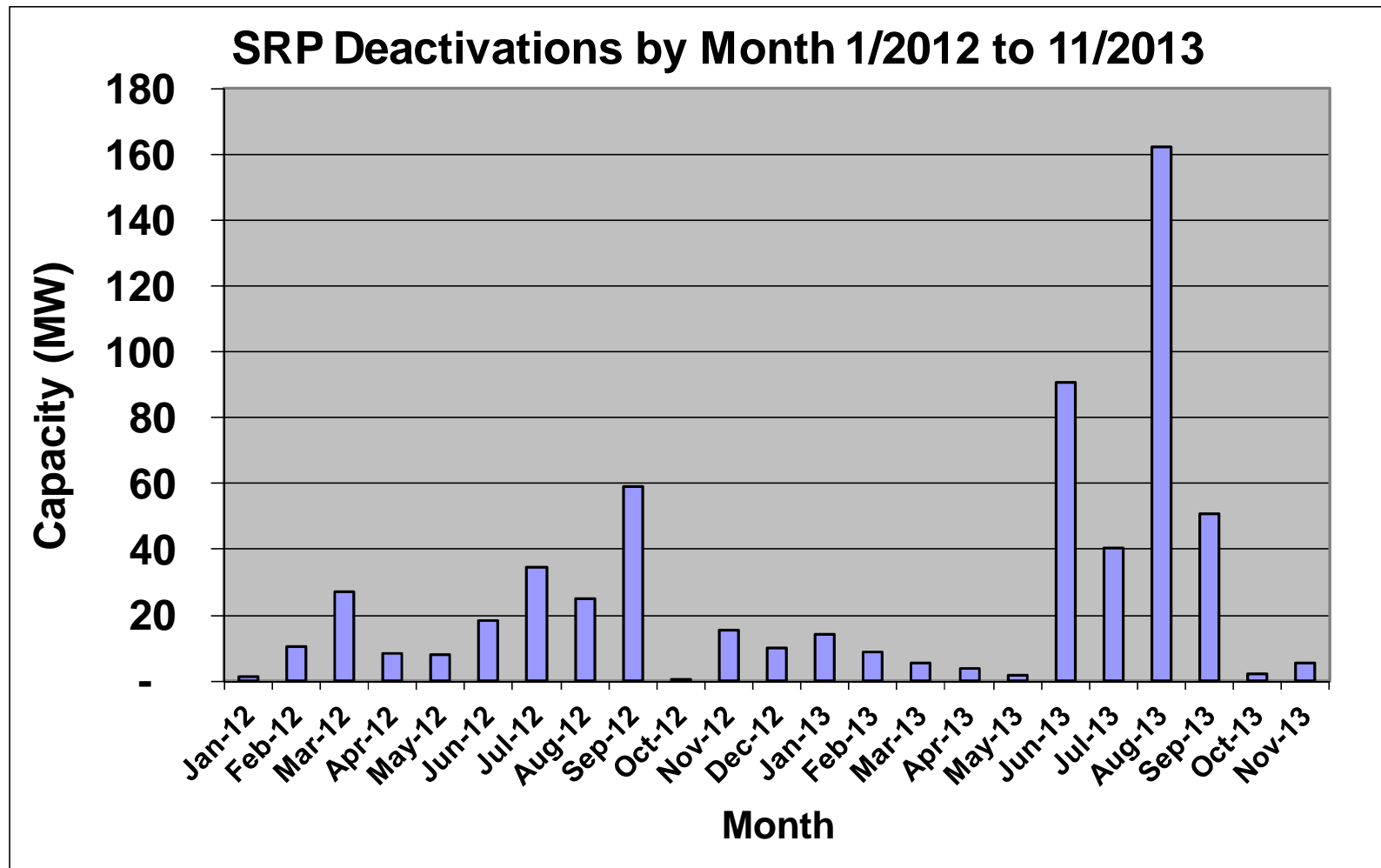


SRP Deactivations by Month

SRP Deactivations by Month as of 11/30/13		
Month End	Project Qty	Capacity (kW)
Aug-12	122	25,106
Sep-12	213	59,210
Oct-12	2	21
Nov-12	318	15,267
Dec-12	121	9,849
Jan-13	114	14,063
Feb-13	120	8,675
Mar-13	139	5,561
Apr-13	69	3,930
May-13	105	1,532
Jun-13	94	90,686
Jul-13	94	40,494
Aug-13	128	162,138
Sep-13	82	50,672
Oct-13	103	2,241
Nov-13	125	5,537
Totals	1949	494,981



SRP Deactivations by Month



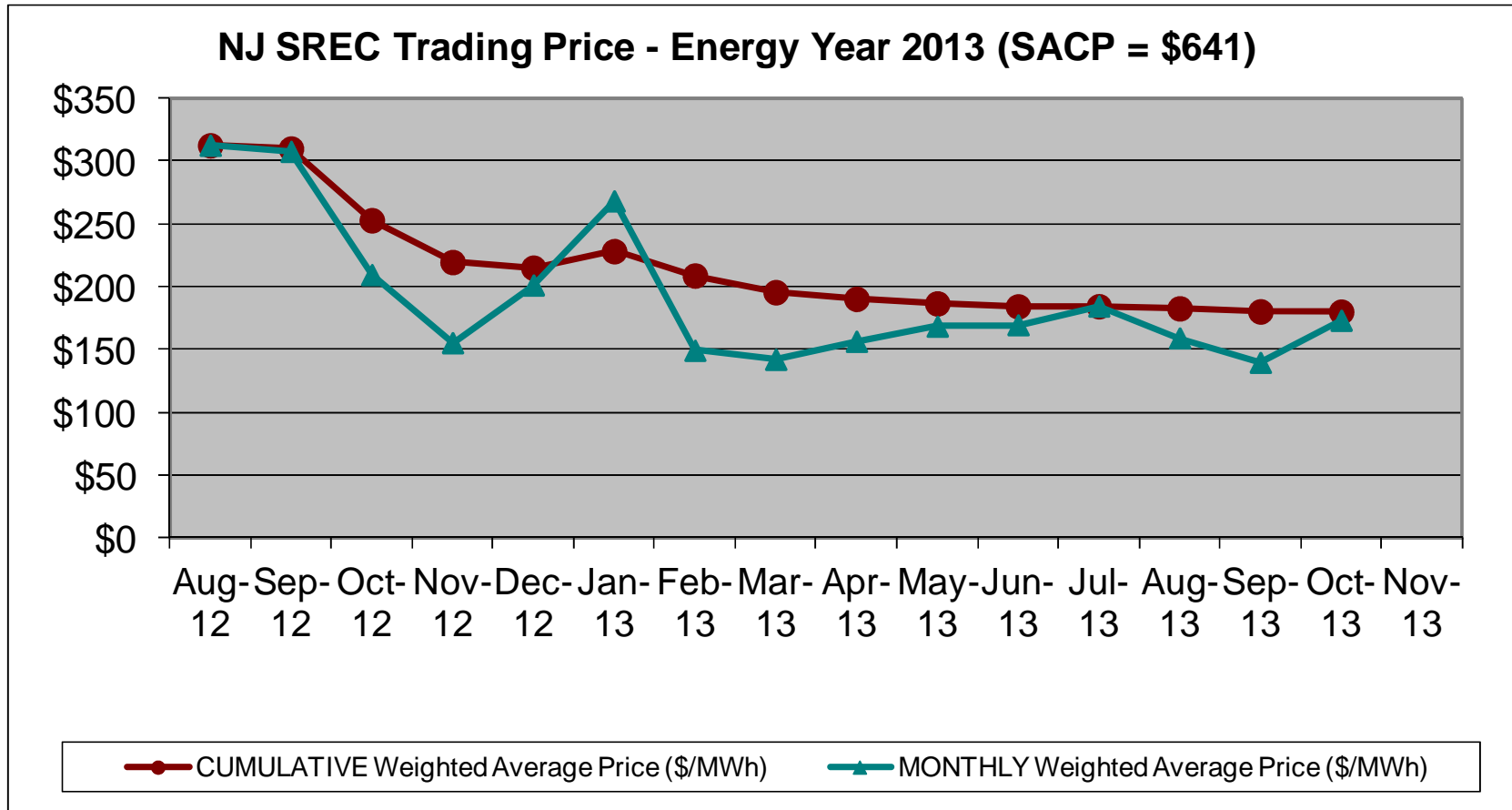


Current SREC Trading Statistics Energy Year 2013

EY 2013 SACP= \$641			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	2013							
Oct	2013	1,114,729	8,930	58,315	\$ 599	\$ 106	1,870,125	\$180.08
Sept	2013	1,104,525	5,550	101,996	\$ 641	\$ 70	1,811,810	\$180.30
Aug	2013	1,098,052	9,454	114,737	\$ 585	\$ 70	1,709,814	\$182.72
Jul	2013	1,084,110	19,714	553,447	\$ 610	\$ 50	1,595,077	\$184.41
Jun	2013	1,060,301	157,361	145,381	\$ 641	\$ 50	1,041,630	\$184.28
May	2013	1,028,566	137,672	150,287	\$ 613	\$ 50	896,249	\$186.66
Apr	2013	996,686	96,105	100,390	\$ 640	\$ 40	745,962	\$190.31
Mar	2013	977,173	61,194	128,898	\$ 641	\$ 68	645,572	\$195.57
Feb	2013	941,689	55,566	126,629	\$ 620	\$ 40	516,674	\$208.88
Jan	2013	930,636	47,642	96,603	\$ 641	\$ 40	390,045	\$228.20
Dec	2012	907,542	65,933	72,070	\$ 620	\$ 40	293,442	\$215.06
Nov	2012	895,987	60,244	75,602	\$ 658	\$ 60	221,372	\$219.56
Oct	2012	876,334	90,783	82,813	\$ 658	\$ 40	145,770	\$252.81
Sept	2012	860,226	106,498	34,124	\$ 650	\$ 50	62,957	\$309.77
Aug	2012	845,421	101,993	21,510	\$ 620	\$ 50	28,833	\$312.37
Jul	2012	824,010	95,855	7,323	Due to low trade volume, the July trades are reported with the pricing data for August.			
	Total		1,120,494	1,870,125				



Current SREC Trading Statistics Energy Year 2013



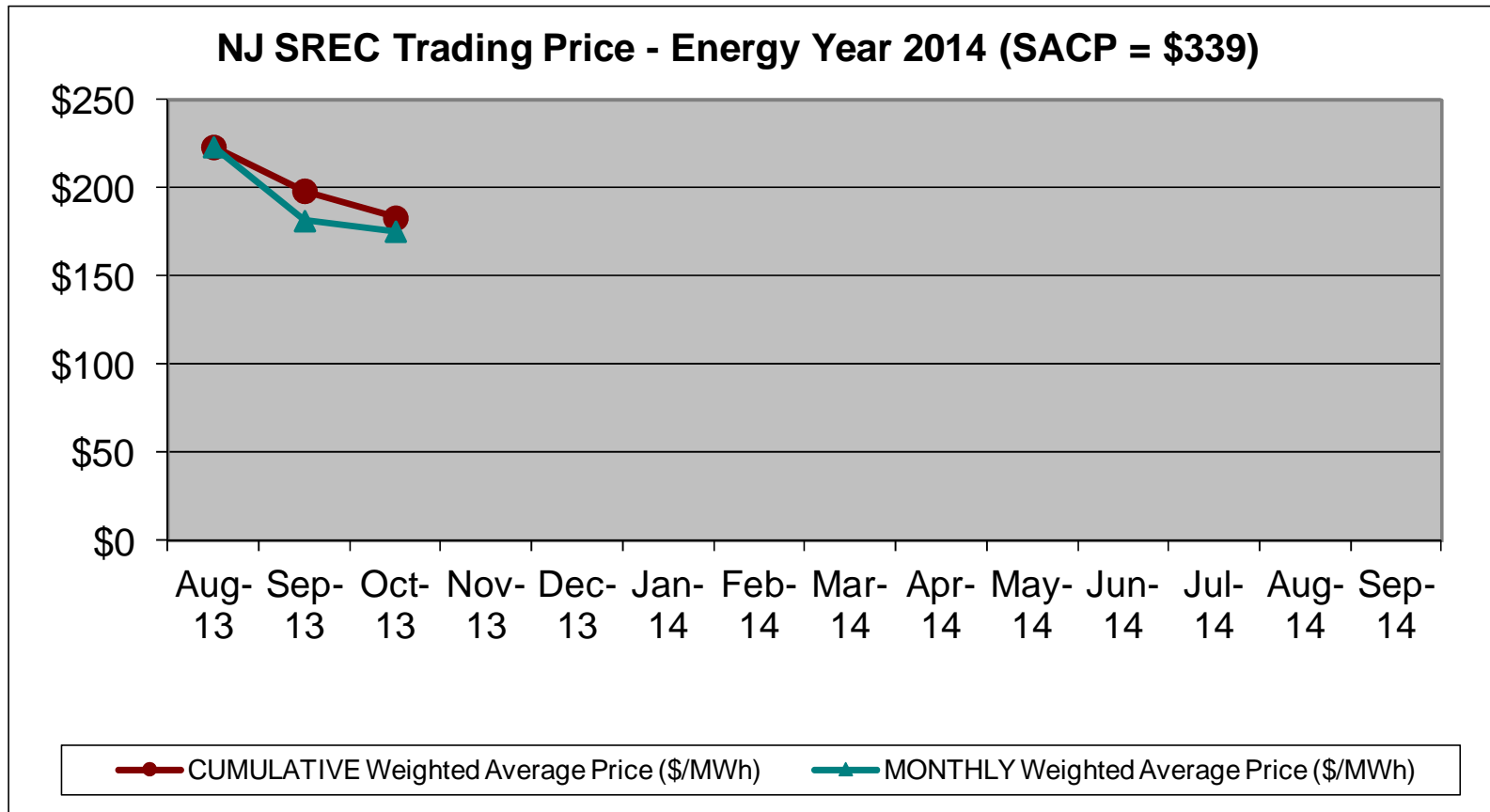


Current SREC Trading Statistics Energy Year 2014

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)
May	2014							
Apr	2014							
Mar	2014							
Feb	2014							
Jan	2014							
Dec	2013							
Nov	2013							
Oct	2013	1,114,729	132,960	201,965	\$ 641	\$ 50	301,899	\$182.89
Sept	2013	1,104,525	126,470	59,396	\$ 545	\$ 50	99,934	\$198.19
Aug	2013	1,098,052	121,102	36,469	\$ 545	\$ 50	40,538	\$223.03
Jul	2013	1,084,110	120,692	4,069	Due to low trade volume, the July trades are reported with the pricing data for August.			
	Total		501,224	301,899				



Current SREC Trading Statistics Energy Year 2014





For More Information

Subscribe to the Renewable Energy Committee Notification list

<http://www.njcleanenergy.com/RElist>

New Jersey Clean Energy Program Renewable Energy Reports
Installation Summary by Technology

<http://www.njcleanenergy.com/projectreports>

Program Status Reports

<http://www.njcleanenergy.com/statusreports>

NJ SREC Trading Statistics for each Energy Year

<http://www.njcleanenergy.com/srecpricing>