Linda Wetzel

From:	Winka, M <M.Winka@bpu.state.nj.us>
Sent:	Friday, January 13, 2012 3:44 PM
To:	Garrison, Charlie J (NJ10); solartransition@njcleanenergy.com; Renewable Energy Committee (Notification); Energy Efficiency Committee (Discussion) ; chpfc-bounces@njcleanenergy.com
Cc:	Linda Wetzel; Boylan, Rachel; Mike Ambrosio; Marisa Slaten; ffelder@rutgers.edu; Jaclyn Trzaska; Kliemisch, Roger (Woodbridge,NJ-US); Deluca, Brian (Woodbridge,NJ-US); Rozanova, Valentina (Woodbridge,NJ-US)
Subject:	RE: Solar Transition meetings and CHP/Fuel cell meetings
Attachments:	chp working group 1-05-12 meeting summary.pdf; OCE Solar Transition Update 01-12-12.pdf; OCE Solar Transition Update 01-12-12.ppt

For the CHP work group – your comments on the criteria and the incentive structure are due. As of yet only NJDEP has submitted comments. The next meeting for the CHP/FC work group is Thursday Jan 19 at 10 in Iselin. TRC will send out a call in number and access to the webinar to present the various proposals. I have attached the meeting notes that were previously distributed for your information.

For the Solar Transition work group – CEEEP is completing the comparative EDC SREC program data evaluation next week and we will distribute once it is completed and reviewed internally. We will not meet on Jan 19 and have scheduled a meeting for Thursday Jan 26, 2012 in Iselin. We are seeking your comments on the two staff options as listed in the summary memo

1. Solar RPS increase with a specific set aside for the EDC programs.
2. Virtual Solar RPS increase – increasing only the EDC programs

Your comments should be submitted by the Jan 23, 2012
I have attached the status update memorandum and presentation with the two options for your information.

Michael Winka

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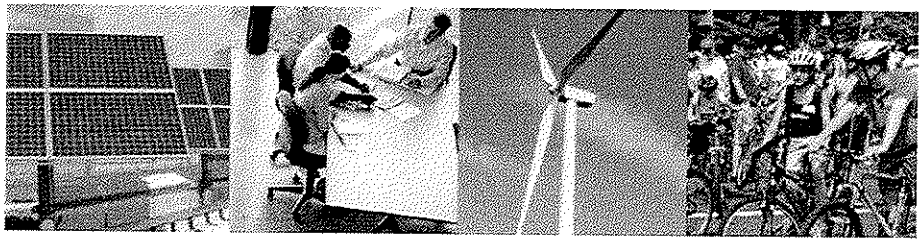

Solar Transition Meeting

Office of Clean Energy Update

1/12/12

Mike Winka, Scott Hunter

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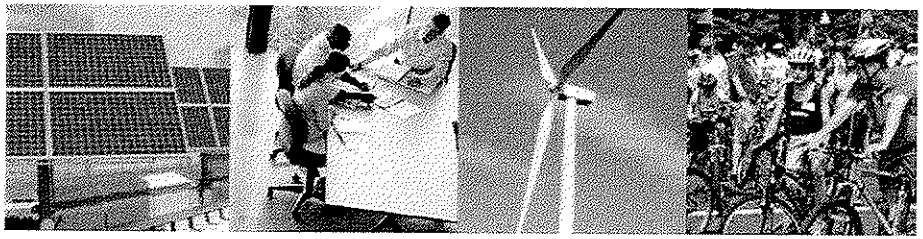
Solar Installed Capacity Preliminary Data



- The installed solar capacity as of 11/30/11 is 531.7 MW. (Most recent published report)
- The preliminary installed solar capacity as of 12/31/11 is approximately 564 to 566 MW.
  - Approximately 35 to 36 mw installed in current month
- The preliminary solar capacity project pipeline as of 12/31/11 is over 616 MW.
  - Over 99% of pipeline projects are registered in the SRP program.

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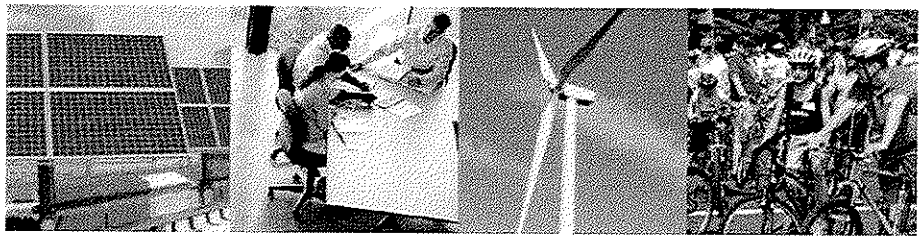
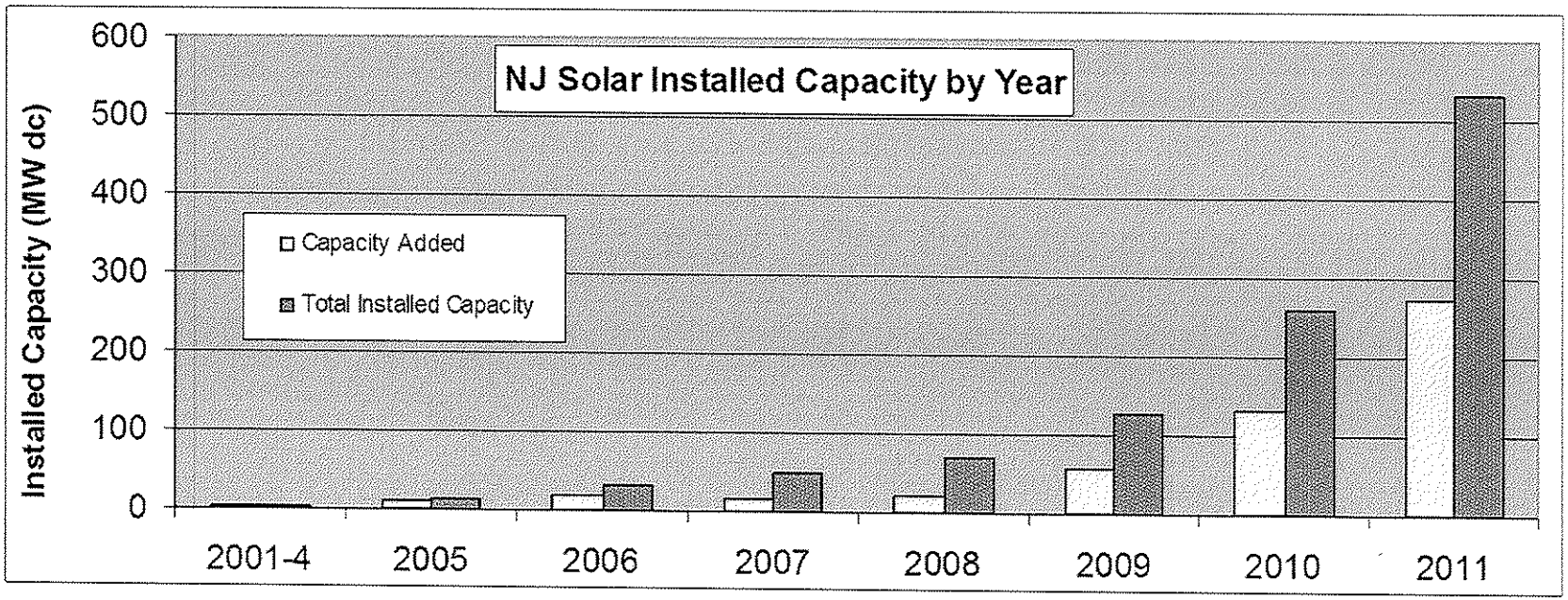
Solar Installed Capacity Report



NJ Solar Installations by Year As of 11/30/11



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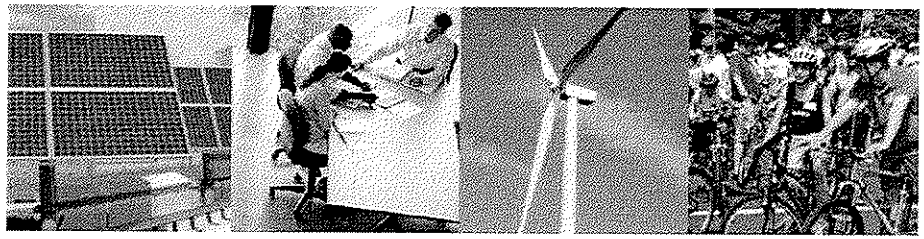
Solar Installed Capacity Report



NJ Solar Installations by Year As of 11/30/11

Year	# Projects	Total kW	Total Rebate $
2001	3	7.5	$ 37,145.00
2002	37	623.5	$ 2,424,694.07
2003	95	1,176.6	$ 5,323,410.81
2004	289	2,037.1	$ 10,581,974.70
2005	729	9,908.1	$ 46,235,896.76
2006	867	18,320.4	$ 78,086,786.34
2007	693	15,258.3	$ 58,122,386.02
2008	833	22,711.3	$ 44,923,416.05
2009	1350	57,254.7	$ 56,027,417.06
2010	3134	132,415.7	$ 46,008,608.46
2011	4866	272,012.5	$ 13,854,508.33
Total	**12,896**	**531,725.6**	**$361,626,244**

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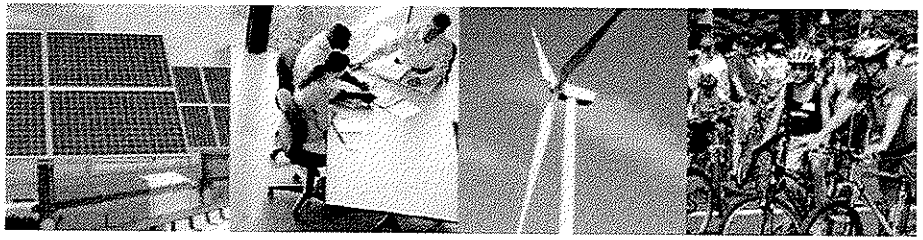
Solar Installed Capacity Report



NJ Solar Installations by Program As of 11/30/11

Program	# Projects	Installed Capacity (KW dc)	Total Rebate $	% of Installed Capacity
CORE Solar	4,291	88,840.8	$ 316,675,079.62	16.7%
REIP Solar	3,680	36,560.3	$ 44,880,319.66	6.9%
SREC Solar	4,925	406,324.4	$ 70,844.32	76.4%
Total	**12,896**	**531,725.6**	**$ 361,626,244**	**100%**

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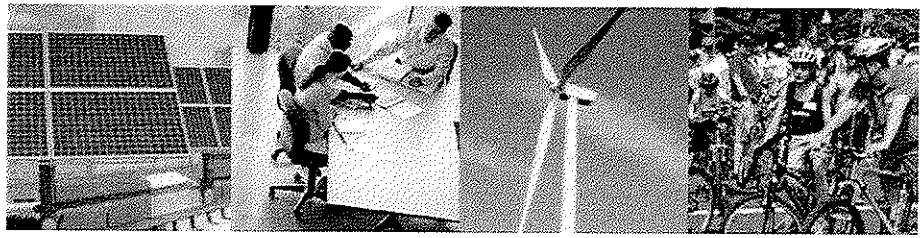
Solar Projects by Interconnection Type



Installed Solar Projects as of 11/30/11

Interconnection Type	Qty	System Size	Percent
Behind the meter	12,841	439,534.4	82.7%
Direct Grid Supply	55	92,191.2	17.3%
Totals	12,896	531,725.6	100.0%
Note: The Direct Grid Supply values above include approximately 47.6 MW of capacity from 42 PSE&G Solar 4 All and Pole Attached Solar projects.			

Solar Project Pipeline as of 11/30/11

Interconnection Type	Qty	System Size	Percent
Behind the meter	4,929	419,565.7	70.0%
Direct Grid Supply	37	179,810.1	30.0%
Totals	4,966	599,375.8	100.0%
Note: The Direct Grid Supply values above include approximately 15 MW of approved capacity from PSE&G Solar 4 All projects.			

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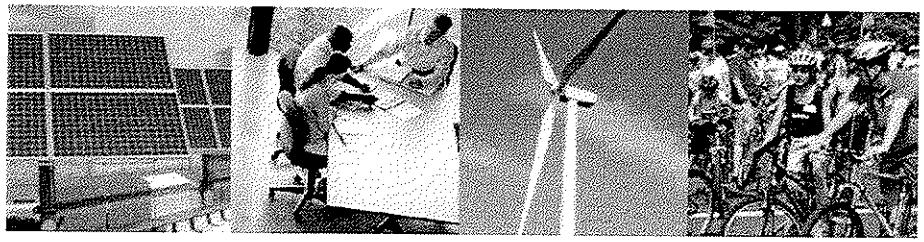
Solar Capacity



NJCEP Solar Pipeline Plus Installed Projects as of 11/30/11

Description	Project Qty	System Size (KW dc)
Pipeline Projects	4,966	599,375.9
Installed Projects	12,896	531,725.6
Totals	**17,862**	**1,131,101.5**

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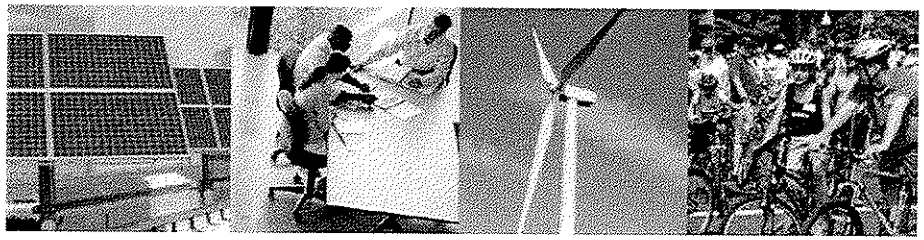
Solar Project Scrub Rate



- Deactivation Analysis by Expiration Date
  - 12/01/2009 to 11/30/2011 (24 Months)

	DEACTIVATED PROJECTS		ALL PROJECTS		SCRUB PERCENT	
PROGRAM	QUANTITY	KW DC	QUANTITY	KW DC	By QUANTITY	By KW DC
REIP	732	8,974.2	4,297	45,297.9	17.0%	19.8%
SRP	347	40,384.7	2,151	261,396.6	16.1%	15.5%

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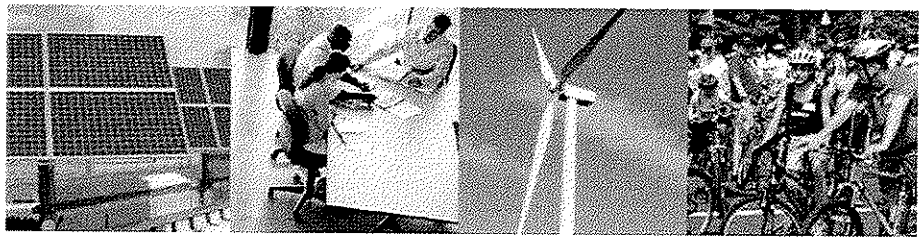
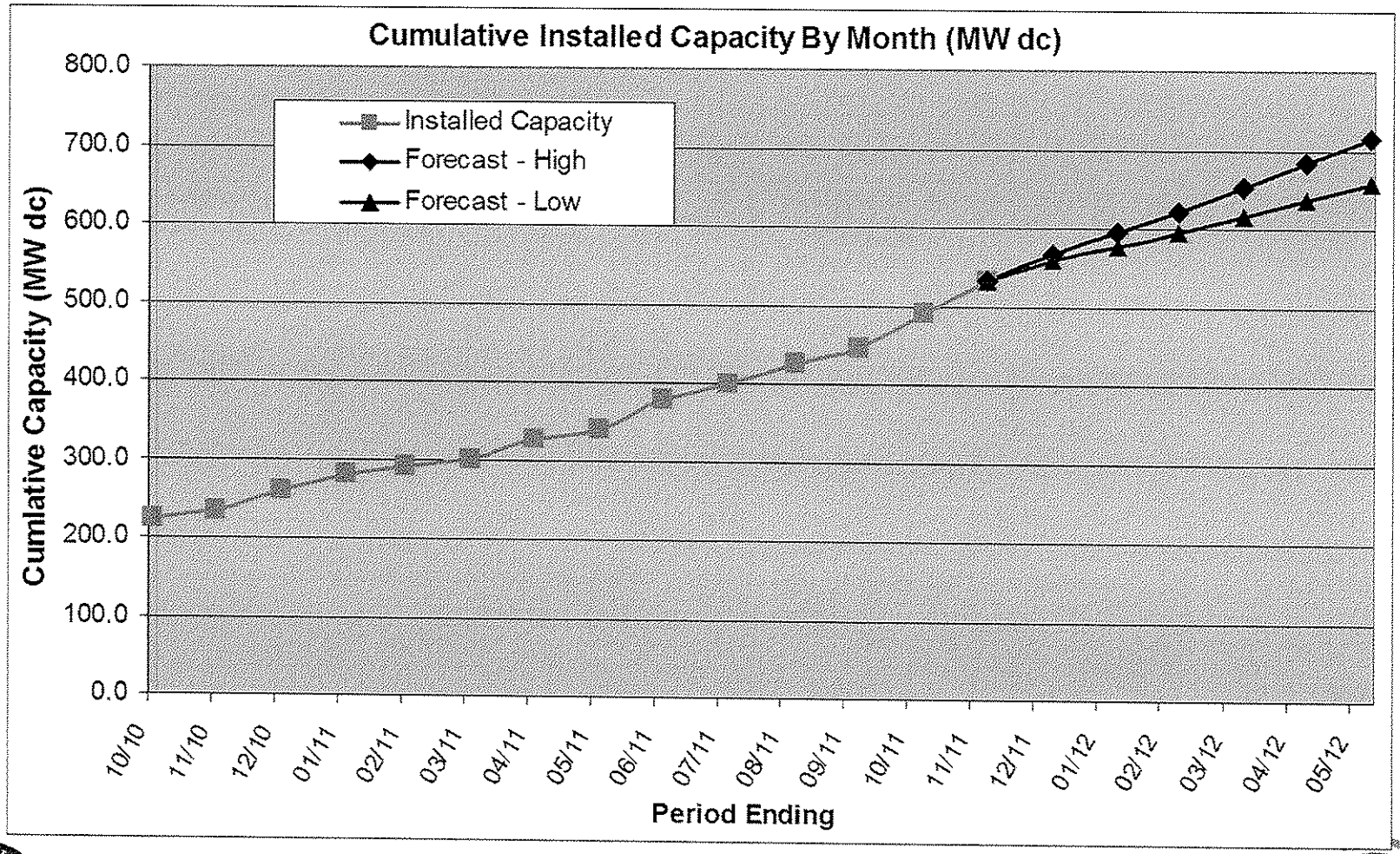
Solar Installed Capacity Forecast As Of 11/30/11





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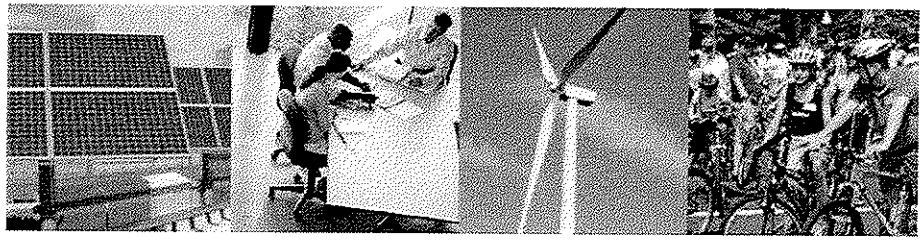
Solar Installed Capacity Forecast As Of 11/30/11



Cumulative Installed Capacity (MW dc)									
End Date	09/30/11	10/31/11	11/30/11	12/31/11	01/31/12	02/29/12	03/31/12	04/30/12	05/31/12
Forecast - Low	445.8	489.6	531.7	557.4	577.1	595.8	615.5	636.0	657.3
Forecast - High	445.8	489.6	531.7	565.7	594.7	621.2	651.1	682.8	715.2

- The 531.7 MW of solar capacity installed as of 11/30/11 and the additionally forecast installed solar capacity for the remainder of Energy Year 2012 is estimated to be capable of producing approximately 596,800 to 611,000 SRECs during Energy year 2012.
- This equates to a range of 135.0% to 138.3% of the EY 2012 RPS requirement of 442,000 SRECs.

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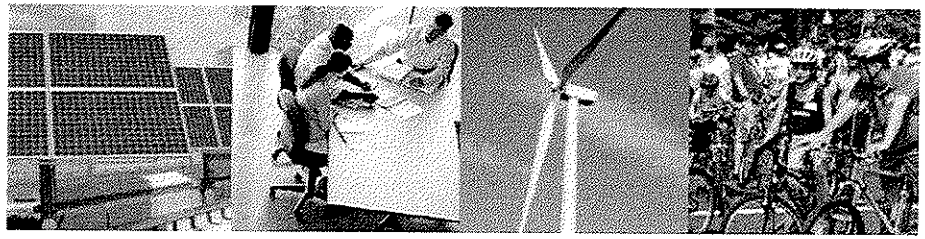
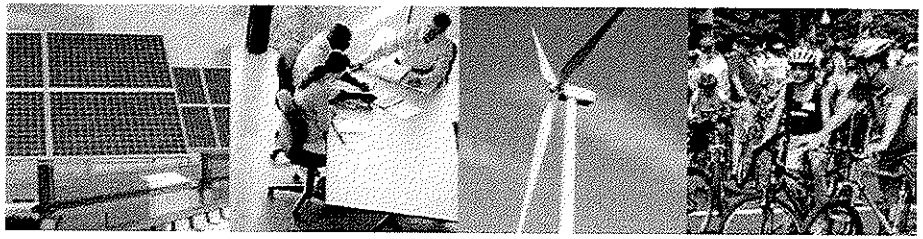
Revised Staff Options



1. Increase the solar RPS

- Establish an incremental increase in the solar RPS to address the oversupplied SREC market. This increase in the solar RPS would be a specific set aside for the EDC SREC programs and would implement the Board's solar policies for both economic and environmental benefits. The increase in the solar RPS would be based on a detailed cost benefit analysis performed by CEEEP similar to the cost benefit analysis performed to increase the Class I RPS from 4% in 2012 to 20% in 2020 with a 2.15% solar set aside. Since the increase in the solar RPS would be allocated to the EDC SREC programs this would keep a downward pressure on the SREC prices.

Revised Staff Options



2. Do not increase the solar RPS but only increase the EDC program capacity.

- Establish The additional EDC SREC program capacity can be set aside to implement the Board's solar policies for both economic and environmental benefits. In this manner the solar developers can continue to build solar based on the Board's policies. This will also keep downward pressure on the SREC prices and make the EDC SREC program very price competitive.

Both of these proposals also address the volatility in SREC market by establishing additional capacity in a price competitive manner.

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