



New Jersey's Clean Energy Program

Biopower Program Plan Overview

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Stakeholder Workgroup Meeting
7/23/2013**



CRA Straw Proposal

Proposed Funding Levels FY14 – FY17

Proposed Renewable Energy FY14 Funding Level

Technology	Proposed Funding Level	4 Year Total: Low-Range	4 Year Total: High Range	Proposed FY14 Funding Level
Solar	\$2 to \$3 million per year	\$8 million	\$12 million	\$2,500,000
Biomass	\$2 to \$3 million per year	\$8 million	\$12 million	\$2,500,000
On-shore Wind	\$5 to \$10 million over 4 years	\$5 million	\$10 million	
Energy Storage	\$5 to \$10 million over 4 years	\$5 million	\$10 million	\$2,500,000
Hydrokinetics	\$2 to \$3 million per year	\$8 million	\$12 million	
Total				\$7,500,000



FY14 Biopower Program Plan

- Biopower program changes
 - The incentive structure will change from a fixed incentive schedule to a competitive solicitation which will be administered by the Market Manager.
 - Board Staff and the Market Manager will hold discussions with interested stakeholders to ***develop the solicitation process and a solicitation schedule for FY14.***
 - The solicitation would rely upon past project eligibility requirements and program application forms.



FY14 Biopower Program Plan

- Evaluation Committee
 - Office of Clean Energy,
 - Market Manager,
 - Program Coordinator and
 - other NJ State agencies as applicable
- Any incentive award that exceeds the then current threshold established by the Board will require approval by the Board.



FY14 Biopower Program Plan

- Awards will be based upon the criteria established within the solicitation.
- BPU priorities include:
 - Emphasis on spending for projects that can be completed within 1 year.
 - Desire to build a sustainable market that does not rely on NJCEP funding.



FY14 Renewable Energy Program Purpose of Stakeholder Groups

- The working groups will look into program development issues including, but not limited to:
 - Eligible technologies
 - Incentive structure
 - Solicitation structure and timing
 - Application criteria and process
- Key concepts will be identified and distributed in a straw proposal for future discussion.



NJCEP Rebate Program Biopower Installations by Year as of 6/30/13

Year	# Projects	Annual kW	Cumulative kW	Total Rebate \$
2001	-	-	-	\$ -
2002	1	150	150	\$ 560,000
2003	2	150	300	\$ 153,594
2004	-	-	300	\$ -
2005	2	1,850	2,150	\$ 2,390,000
2006	-	-	2,150	\$ -
2007	2	1,150	3,300	\$ 1,170,000
2008	2	1,185	4,485	\$ 732,000
2009	2	3,490	7,975	\$ 1,079,805
2010	1	280	8,255	\$ 490,000
2011	-	-	8,255	\$ -
2012	-	-	8,255	\$ -
2013	-	-	8,255	\$ -
Total	12	8,255		\$ 6,575,399



REIP Biopower Program Update

- During 2012-13, 8 project applications were submitted and approved.
 - Total capacity of 3.51 MW and
 - approved rebate commitments of \$7.53 million.
- Two additional projects under review totaling 1.78 MW and requesting rebates totaling \$3.64 Million.
- Three feasibility studies were approved with rebate commitments totaling \$69,274.
 - All three studies have been completed; two will proceed and one was not feasible.



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Renewable Energy Committee

<http://mail.njcleanenergy.com/mailman/listinfo/Renewables>

NJ Biopower Technical Working Group

<http://mail.njcleanenergy.com/mailman/listinfo/biopower>

Energy Storage Working Group

<http://mail.njcleanenergy.com/mailman/listinfo/energystorage>