



Agenda Date: 9/13/12
Agenda Item: 8A

STATE OF NEW JERSEY
Board of Public Utilities
44 South Clinton Avenue, 9th Floor
Post Office Box 350
Trenton, NJ 08625-0350
www.nj.gov/bpu/

CLEAN ENERGY

IN THE MATTER OF THE CLEAN ENERGY PROGRAM)
AUTHORIZATION OF COMMERCIAL AND INDUSTRIAL) ORDER
(C&I) PROGRAM ENERGY EFFICIENCY INCENTIVES)
EXCEEDING \$300,000 – MARCAL MANUFACTURING)
LLC/SOUNDVIEW PAPER COMPANY) DOCKET NO EO12080768V

Parties of Record:

Kris Kuza, Electrical Engineering Manager, Marcal Manufacturing LLC/Soundview Paper Company

BY THE BOARD:

The New Jersey Board of Public Utilities' (the Board) Commercial and Industrial (C&I) Energy Efficiency Program, which is marketed as the New Jersey SMARTSTART Buildings Program (SSBP or SMARTSTART), includes the C&I New Construction, C&I Retrofit, Pay-for-Performance New Construction, Pay-for-Performance Existing Buildings, Local Government Energy Audit, Direct Install, Combined Heat and Power, and Large Energy Users Pilot Programs. These programs collectively offer financial incentives to New Jersey property owners to encourage the installation of energy efficient products and technologies. Eligible applicants may receive incentives for a portion of the cost of installing energy efficient technologies such as lighting, Heating, Ventilation and Air Conditioning (HVAC), water heating or other measures in new or existing buildings.

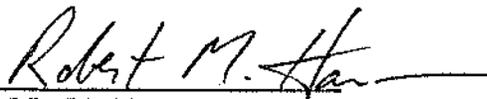
Marcal Manufacturing LLC/Soundview Paper Company, Elmwood Park, NJ, has submitted an application for a financial incentive in the amount of \$471,172.54 under the 2011 Large Energy Users Pilot (LEUP) program, for a project located at 1 Market Street, Elmwood Park, NJ. Marcal Manufacturing LLC/Soundview Paper Company proposes to install ten variable frequency drives (VFDs), including new premium efficiency motors and line reactors, on existing pumps in various parts of their fiber production process. The new VFDs will save energy by modulating pump speed to control output and by eliminating control valves. Additionally, Marcal Manufacturing/Soundview Paper Company proposes to replace thirteen old constant speed induction motors with new, premium efficiency motors. This application will save the customer an annual estimate of 2,932,634 kWh of electricity, resulting in an estimated annual demand reduction of 282 kW. Overall, this application will have an estimated annual energy cost savings of \$117,571.

TRC Solutions (TRC), the Market Manager engaged by the Board to manage the New Jersey Clean Energy Program (NJCEP) C&I energy efficiency programs, has submitted certification that the incentive for which TRC now seeks approval to commit has been calculated in accordance with the program policies and procedures, and that the listed amount is the true and accurate estimated incentive for which the applicant is eligible. Further, Applied Energy Group, in its role as the NJCEP Program Coordinator, has reviewed the application and submitted certification that the incentive for which TRC now seeks approval to commit has been calculated in accordance with the program policies and procedures, and that the listed amount is the true and accurate estimated incentive for which the applicant is eligible. Based on the above, the Staff recommends that the Board approve the above-referenced application.

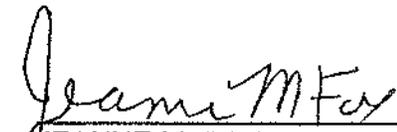
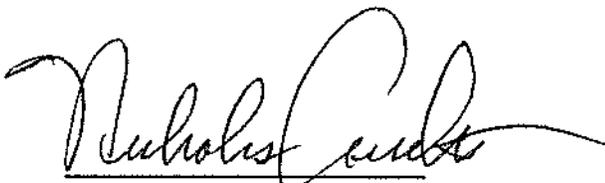
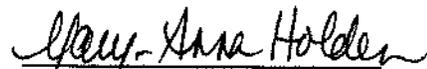
The Board **HEREBY ORDERS** the approval of the aforementioned application for the total estimated incentive amount of \$471,172.54 to Marcal Manufacturing LLC/Soundview Paper Company, and **AUTHORIZES** issuance of a standard commitment letter to the applicant identified above, setting forth the terms and conditions of this commitment.

DATED: 9/13/12

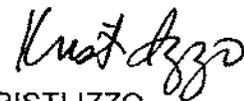
BOARD OF PUBLIC UTILITIES
BY:



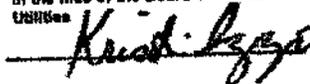
ROBERT M. HANNA
PRESIDENT


JEANNE M. FOX
COMMISSIONER
JOSEPH L. FIORDALISO
COMMISSIONER
NICHOLAS ASSELTA
COMMISSIONER
MARY-ANNA HOLDEN
COMMISSIONER

ATTEST:


KRISTI IZZO
SECRETARY

I HEREBY CERTIFY that the within document is a true copy of the original in the files of the Board of Public Utilities



IN THE MATTER OF THE CLEAN ENERGY PROGRAM AUTHORIZATION OF COMMERCIAL
AND INDUSTRIAL (C&I) PROGRAM ENERGY EFFICIENCY INCENTIVES EXCEEDING
\$300,000 – MARCAL MANUFACTURING LLC/SOUNDVIEW PAPER COMPANY

DOCKET NO. EO12080768V

SERVICE LIST

Brian Deluca
TRC Solutions
Program Manager
900 Route 9 North, Suite 104
Woodbridge, NJ 07095

Cari Teter
TRC Solutions
Associate Vice President
900 Route 9 North, Suite 104
Woodbridge, NJ 07095

Valentina Rozanova
TRC Solutions
Program Manager
900 Route 9 North, Suite 104
Woodbridge, NJ 07095

Caroline Vachier, DAG
Division of Law
Dept. of Law & Public Safety
124 Halsey Street
P.O. Box 45029
Newark, NJ 07102

Veronica Beke, DAG
Division of Law
Dept. of Law & Public Safety
124 Halsey Street
P.O. Box 45029
Newark, NJ 07102

Kristi Izzo, Secretary
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

Michael Winka
Office of Clean Energy
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

Mona Mosser
Office of Clean Energy
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

Sharon Wolfe
Office of Clean Energy
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

Rachel Boylan
Counsel's Office
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

Elizabeth M. Teng
Office of Clean Energy
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

Allison E. Mitchell
Office of Clean Energy
Board of Public Utilities
44 South Clinton Avenue
9th Floor
P.O. Box 350
Trenton, NJ 08625-0350

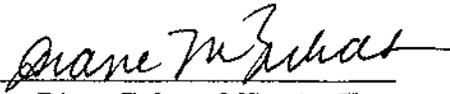
James Nappi
Applied Energy Group, Inc.
317 George Street
Suite 305
New Brunswick, NJ 08901

Michael Ambrosio
Applied Energy Group, Inc.
317 George Street
Suite 305
New Brunswick, NJ 08901

Kris Kuza
Electrical Engineering Mgr
Marcal Manufacturing LLC/
Soundview Paper Company
1 Market Street
Elmwood Park, NJ 07407

Market Manager Certification
(New Incentive Commitments > \$300,000)

I, Diane Zukas, hereby certify that applications on the attached list have been reviewed by TRC or its subcontractors as required by the policies and procedures applicable to each program, that the incentives for which TRC now seeks approval to commit have been calculated in accordance with those policies and procedures, and that the listed amounts are the true and accurate estimated incentives for which each applicant is eligible.

By: 
Diane Zukas, Office in Charge

Date: 08/28/12

1. Application Number: **L16229**
2. Program Name: **Large Energy Users Pilot Program**
3. Customer Contact (Name, company, address, phone #):
**Kris Kuza, Marcal Manufacturing LLC/Soundview Paper Company, 1 Market Street,
Elmwood Park, NJ 07407, 201-703-6474**
4. Project Address: **1 Market Street, Elmwood Park, NJ 07407**
5. Incentive amount: **\$471,172.54**
6. Brief description of measures

Variable Frequency Drives

Marcal Manufacturing LLC/Soundview Paper Company is installing ten (10) variable frequency drives (VFDs), including new premium efficiency motors and line reactors, on existing pumps in various parts of fiber production process. The new VFDs will save energy by modulating pump speed to control output and eliminating control valves.

Premium Efficiency Motors

Marcal Manufacturing LLC/Soundview Paper Company is replacing thirteen (13) old constant speed induction motors with new, premium efficiency motors. The current motors range in size between 50HP and 500HP and serve constant load applications. Some of the existing motors are over 30 years old; many of them have been rewound.

7. Annual Estimated Energy Savings: **2,932,634.00**
8. Annual Estimate Energy Cost Savings: **\$117,571**
9. Annual Estimated Peak Demand Savings: **282 kW**

Program Coordinator Certification
(New Incentive Commitments > \$300,000)

I, **Maura Watkins**, hereby certify that in its role as Program Coordinator, Applied Energy Group, Inc. has reviewed the referenced below, as required by the policies and procedures applicable to each program, that the standardized equipment incentives for which TRC now seeks approval to commit have been calculated in accordance with those policies and procedures, and that the amount shown below is the true and accurate estimated incentive for which the applicant(s) is(are) eligible.

For incentives based on uniquely calculated estimated energy savings, including the Custom Program, Pay for Performance and Large Energy Users Pilot Program, Applied Energy Group certifies locating documentation supporting the inputs used to calculate the rebate amount and evidencing TRC's evaluation of those inputs as required by the program's policies and procedures.

Maura H Watkins

By: _____

Date: 08-09-2012

Maura Watkins

Quality Assurance Manager - Applied Energy Group, Inc.

Ref:	<u>L16229</u>
App #	_____
Applicant	<u>Marcal Manufacturing, LLC</u>
Payee	<u>Marcal Manufacturing, LLC</u>

Committed Amount: \$471,172.54