



Agenda Date: 9/21/11
Agenda Item: 8E

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

OFFICE OF CLEAN ENERGY

IN THE MATTER OF THE CLEAN ENERGY PROGRAM)
AUTHORIZATION OF COMMERCIAL AND)
INDUSTRIAL (C&I) PROGRAM ENERGY EFFICIENCY)
INCENTIVES EXCEEDING \$300,000 – STATE OF)
NEW JERSEY-NEW LISBON DEVELOPMENTAL)
CENTER) DOCKET NO. EO11080501V

Parties of Record:

New Jersey Department of the Treasury, Division of Property Management & Construction

BY THE BOARD:

The New Jersey Board of Public Utilities' (the "Board") SMARTSTART Buildings Program ("SSBP" or "SMARTSTART"), Direct Install Program and Pay-for-Performance Program 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, HVAC, water heating or other measures in new or existing buildings.

The State of New Jersey, Department of the Treasury, Division of Property Management & Construction (DPMC), Trenton, NJ, has submitted an application for a monetary incentive in the amount of \$2,000,000 under the Pay-for-Performance – Existing Buildings program, for a project located at the Department of Human Services, New Lisbon Developmental Center, Route 72, Woodland Twp, NJ. This project is also receiving both a direct federal Energy Efficiency and Conservation Block Grant (EECBG) in the amount of \$4,000,000 and a direct State Energy Program-American Recovery & Reinvestment Act (SEP-ARRA) grant in the amount of \$6,548,000. The first estimated incentive, for the energy reduction plan (ERP), is \$44,107. The estimated second incentive, for certain measures (including an energy efficient lighting retrofit, a chiller retrofit, installation of a distributed natural gas heating system with a conversion from utilization of fuel oil to natural gas, replacement of a steam trap, and installation of roof insulation) is \$1,173,536, and the estimated third incentive for the one year true up of the ERP is \$782,357. This application has an estimated 39% total energy savings and will save the customer an annual estimate of 1,660,235 kWh of electricity and an annual

estimated demand reduction of 2,315 kW. Through an oil-to-gas heating conversion, the net fuel savings is expressed as an annual estimate of 74,885 MMBtu of natural gas. Overall, this application will have an estimated annual energy cost savings of \$2,295,378.

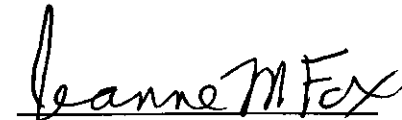
TRC, the Market Manager engaged by the Board to manage the New Jersey Clean Energy Program C&I energy efficiency programs, has submitted a certification that the incentive for which TRC now seeks approval to commit has been calculated in accordance with the program policies and procedures, and that the 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 a 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 \$2,000,000 for the State of New Jersey, and AUTHORIZES issuance of a standard commitment letter to the applicant identified above, setting forth the terms and conditions of this commitment.

DATED: 9/22/11


BOARD OF PUBLIC UTILITIES
BY:

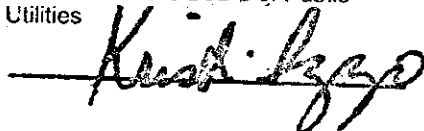

LEE A. SOLOMON
PRESIDENT


JEANNE M. FOX
COMMISSIONER


JOSEPH L. FIORDALISO
COMMISSIONER


NICHOLAS ASSELTA
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 – STATE OF NEW JERSEY-NEW LISBON DEVELOPMENTAL CENTER
DOCKET NO. EO11080501V

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Trenton, NJ 08625-0211

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

I, Diane M. 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 M. Zukas*
Diane M. Zukas
Vice President

Date: 09/13/11

Application 08801

1. Application Number: #08801
2. Program Name: Pay for Performance –Existing Buildings
3. Customer Contact (name, company, address, phone #):
Christopher Chianese, Fiscal Manager - DPMC
State of New Jersey
Department of the Treasury
Division of Property Management & Construction
P.O. Box 211
50 W. State Street, 8th Floor
Trenton, NJ 08625-0211
4. Project Name and Address: **New Lisbon Developmental Center, Route 72, Woodland Township, NJ 08064**
5. Rebate amount:
Incentive #1: \$44,107
Incentive #2: \$1,173,536
Incentive #3: \$782,357

Total: \$2,000,000
6. Brief description of measures:
 - 1) **Lighting Retrofit:** upgrade fixtures throughout campus, including incandescent to CFL, T12 to T8, T8 to high-efficiency T8, metal halides to T8, and occupancy sensors.
 - 2) **Chiller Retrofit:** Replace existing system with two new, electric high-efficiency chillers.
 - 3) **Distributed Natural Gas Heating:** Replace the central steam distribution system with high-efficiency gas fired boilers in each building and cottage.
 - 4) **Steam Trap replacement**
 - 5) **Roof insulation**
7. Annual Estimated Energy Savings:
 - 1) **kWh: 1,660,235**
 - 2) **kW: 2,315**
 - 3) **MMBtu: 74,885 (net oil savings from oil-to-gas heating conversion).**
8. Annual Estimate Energy Cost Savings: **\$2,295,378**

**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 and Pay for Performance, 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: ~~08-15-2011~~ 09-13-2011
MH Watkins

Maura Watkins

Quality Assurance Manager - Applied Energy Group, Inc.

Ref:

App # 08801

Treasury, State of New Jersey

Committed Amount: \$2,000,000.00