



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/

CLEAN ENERGY

IN THE MATTER OF THE CLEAN ENERGY PROGRAM) ORDER
AUTHORIZATION OF COMMERCIAL AND)
INDUSTRIAL PROGRAM ENERGY EFFICIENCY)
INCENTIVES EXCEEDING \$500,000 – DSM)
NUTRITIONAL PRODUCTS, LLC) DOCKET NO. QO20030255

Parties of Record:

William Radigan, Global Procurement Manager, DSM Nutritional Products, LLC
Stefanie A. Brand, Esq., Director, New Jersey Division of Rate Counsel

BY THE BOARD:

The New Jersey Board of Public Utilities ("Board" or "BPU") through its New Jersey Clean Energy Program ("NJCEP") includes several individual Commercial and Industrial ("C&I") Energy Efficiency ("EE") Programs targeting the commercial and industrial market segments. Eligible applicants may receive rebates for a portion of the cost for installing energy efficient technologies such as lighting, HVAC, and other energy conservation measures. Incentives are also available for projects involving Distributed Energy Resources ("DER"). All proposed C&I EE financial incentives and rebates exceeding \$500,000 require explicit Board approval. In the Matter of the Comprehensive Energy Efficiency and Renewable Energy Resource Analysis for the 2009 through 2012 Clean Energy Program -- Revised 2012-2013 Programs and Budgets - Revised Rebate Approval Process, BPU Docket No. EO07030203, Order dated May 3, 2013.

The Large Energy Users Program ("LEUP") fosters self-investment in EE and combined heat and power projects for New Jersey's largest C&I customers. Incentives are awarded to customers that satisfy the program's eligibility and program requirements for investing in self-directed energy projects that are customized to meet the requirements of the customers' existing facilities, while advancing the State's energy efficiency, conservation, and greenhouse gas reduction goals.

By this Order, the Board considers the application of DSM Nutritional Products, LLC in Belvidere, New Jersey, submitted on November 13, 2018 under the Fiscal Year 2019 (“FY19”) LEUP pursuant to the Energy Efficiency and Renewable Energy Program Plan Filing for FY19 dated June 22, 2018. The project is located at 206 Mack’s Island Road, Building 274, Belvidere, New Jersey. The applicant requests a total financial incentive of \$929,379.43 for a project that will cost \$4,250,000.00.

This application covers the replacement of the facility’s existing chillers with three new, highly efficient 1000-ton chiller units. The Applicant requires a constant supply of chilled water for fermentation purposes, and the new system will meet chilled water needs while consuming significantly less energy throughout the year. The new chillers also utilize a more environmentally friendly refrigerant which has lower global warming potential than the existing system does.

Annually, the proposed project is anticipated to conserve 4,689,025 kWh of electricity and reduce peak demand by 42.26 kW per year. The project also has an estimated annual energy cost savings of \$468,902.50. The payback period without incentives is 9.06 years; when factoring in the incentives, the payback period is reduced to 7.08 years.

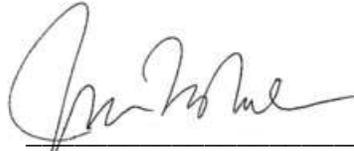
TRC Environmental Corporation, the Program Manager engaged by the Board to manage the NJCEP LEUP program, attested to the accuracy of certain information regarding the project and that the project application adheres to the current terms and conditions of the program. Further, TRC, in its role as the NJCEP Program Administrator, submitted its certification that the incentives were calculated in accordance with the program’s policies and procedures, the listed amounts are the true and accurate estimated incentives for which the applicant is eligible, and the documentation supporting estimated energy savings inputs was located, reviewed, and made available to calculate the rebate amounts as required by the program’s policies and procedures. Based on these certifications and the information provided by the Program Manager and Program Administrator, Board Staff recommends approval of the above-referenced application.

The Board **HEREBY ORDERS** the approval of the aforementioned application for the total estimated incentive amount of \$929,379.43 for DSM Nutritional Products, LLC and **AUTHORIZES** issuance of a standard commitment letter to the applicant identified above, setting forth the terms and conditions of this commitment.

The effective date of this Order is October 24, 2020.

DATED: October 14, 2020

BOARD OF PUBLIC UTILITIES
BY:



JOSEPH L. FIORDALISO
PRESIDENT



MARY-ANNA HOLDEN
COMMISSIONER



DIANNE SOLOMON
COMMISSIONER



UPENDRA J. CHIVUKULA
COMMISSIONER



ROBERT M. GORDON
COMMISSIONER

ATTEST:



AIDA CAMACHO-WELCH
SECRETARY

IN THE MATTER OF THE CLEAN ENERGY PROGRAM AUTHORIZATION OF COMMERCIAL
AND INDUSTRIAL PROGRAM ENERGY EFFICIENCY INCENTIVES EXCEEDING \$500,000 –
DSM NUTRITIONAL PRODUCTS, LLC

DOCKET NO. QO20030255

SERVICE LIST

DSM Nutritional Products, LLC

William Radigan
45 Waterview Boulevard
Parsippany, NJ 07054

New Jersey Division of Rate Counsel

Stefanie A. Brand, Esq., Director
140 East Front Street, 4th Floor
Post Office Box 003
Trenton, NJ 08625-0003
sbrand@rpa.nj.gov

TRC Energy Solutions

900 Route 9 North, Suite 404
Woodbridge, NJ 07095

Carl Teter, P.E., LEED AP
Vice President
cteter@trccompanies.com

Marybeth Brenner
Associate Vice President
mbrenner@trccompanies.com

Valentina Rozanova
Associate Director, Engineering
vrozanova@trccompanies.com

Brian DeLuca
Senior Program Manager
bdeluca@trccompanies.com

Maura Watkins
Manager, Technical Support
mwatkins@trccompanies.com

TRC Energy Solutions, cont'd:

Michael Ambrosio
Director, Policy and Planning
317 George Street, Suite 520
New Brunswick, NJ 08901
mambrosio@trccompanies.com

Thomas Kowalczyk
Manager, Regulatory Compliance
tkowalczyk@trccompanies.com

Alex Witzl
Project Engineer III
awitzl@trccompanies.com

Leigh Cignavitch
Associate Project Manager
lcignavitch@trccompanies.com

New Jersey Division of Law

Department of Law and Public Safety
Division of Law
R.J. Hughes Justice Complex, 7th Floor West
25 Market Street
P.O. Box 112
Trenton, NJ 08625-0112

David Apy, Assistant Attorney General
david.apy@law.njoag.gov

Daren Eppley, Section Chief, DAG
daren.eppley@law.njoag.gov

Pamela Owen, Assistant Section Chief, DAG
pamela.owen@law.njoag.gov

Matko Ilic, DAG
matko.ilic@law.njoag.gov

New Jersey Board of Public Utilities

44 South Clinton Avenue, 9th Floor
Post Office Box 350
Trenton, NJ 08625-0350

Aida Camacho-Welch
Secretary of the Board
board.secretary@bpu.nj.gov

Division of Clean Energy

Kelly Mooij, Director
kelly.mooij@bpu.nj.gov

Stacy Ho Richardson, Esq., Deputy Director
stacy.richardson@bpu.nj.gov

Sherri Jones, Assistant Director
sherri.jones@bpu.nj.gov

Benjamin Goldstein, Program Specialist
benjamin.goldstein@bpu.nj.gov

**Program Administrator Certification
(New Incentive Commitments > \$500,000)**

I, **Maura Watkins**, TRC Solutions Quality Control, hereby certify that, I have reviewed the application referenced below and determined that, as required by the policies and procedures applicable to the program, (1) the equipment incentives for which the NJCEP Program Manager now seeks approval to commit NJCEP funds have been calculated in accordance with those policies and procedures, and (2) that the amount shown below is the true and accurate estimated incentive for which the applicant(s) is(are) eligible.

Additionally, for incentives based on estimated energy savings that are uniquely calculated, including the Pay for Performance Program, Large Energy Users Program, and the Combined Heat and Power Program, I also certify that I was able to locate and review documentation supporting the inputs used to calculate the rebate amount and evidencing the NJCEP Program Manager's evaluation of those inputs as required by the program's policies and procedures.



By: _____

Date: **02-27-2020**

Maura Watkins

Quality Control – TRC Solutions

Application No.: **53718-WS1**

Applicant: **DSM Nutritional Products, LLC**

Payee: **DSM Nutritional Products, LLC**

Committed Amount: **\$929,379.43**

The undersigned preparer attests that, to the best of their knowledge and belief, the above information is accurate and the subject project application adheres to the current terms and conditions of the Large Energy Users program.



Signature of Preparer

3/2/20

Date

Brian DeLuca

Name of Preparer

53718-WS1

App#

1. Application Number: **53718-WS1**
2. Application Received Date and Fiscal Year: **11/13/2018, FY19 Large Energy Users Program**
3. Compliance Filing: **FY2019 Compliance Filing dated 6/22/2018**
4. Customer Contact (name, company, address, phone #):

**William Radigan
Global Procurement Manager
DSM Nutritional Products, LLC
45 Waterview Blvd
Parsippany, NJ 07054
(973) 257-8269**
5. Project Name and Address:
**Process Chiller Replacement
206 Mack's Island Rd
Building 274
Belvidere, NJ 07823**
6. Rebate amount: **\$929,379.43**
7. Brief description of measures:
Three existing 25-year old chillers serving fermentation vessels will be replaced with three new high efficiency 1000-ton chillers. DSM Nutritional Products, LLC requires chilled water for a year-round 24/7 fermentation process. The new equipment will meet chilled water needs while using less energy throughout the year than the existing chillers. The new chillers will also use R1233zd refrigerant which has lower Global Warming Potential (GWP) than the existing system.
8. Annual Estimated Energy Savings:
**4,689,025 kWh
42.26 Peak Demand kW
0 therms**
9. Annual Estimated Energy Cost Savings: **\$468,902.50**
10. Project cost: **\$4,250,000.00**
11. Operational and Maintenance Savings: **n/a**
12. Simple Payback Period: **9.06 years without incentive; 7.08 years with incentive**