



STATE OF NEW JERSEY
Board of Public Utilities
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www.nj.gov/bpu/

CLEAN ENERGY

ORDER

IN THE MATTER OF THE IMPLEMENTATION OF <u>L. 2012, C. 24</u> , THE SOLAR ACT OF 2012)	
)	DOCKET NO. EO12090832V
)	
IN THE MATTER OF THE IMPLEMENTATION OF <u>L. 2012, C. 24</u> , N.J.S.A. 48:3-87(T) – A PROCEEDING TO ESTABLISH A PROGRAM TO PROVIDE SRECS TO CERTIFIED BROWNFIELD, HISTORIC FILL AND LANDFILL FACILITIES)	
)	DOCKET NO. EO12090862V
)	
AERO HAVEN SOLAR LLC)	
AERO HAVEN LANDFILL)	DOCKET NO. QO18040432

Party of Record:

Annika Colston, Aero Haven Solar, LLC

BY THE BOARD:

This Order concerns an application by Aero Haven Solar, LLC ("Aero Haven Solar" or "Applicant") for certification pursuant to L. 2012, c. 24 ("Solar Act"), codified at N.J.S.A. 48:3-87(t) ("Subsection (t)"). Aero Haven Solar seeks certification for eligibility to generate Solar Renewable Energy Certificates ("SRECs") for the proposed solar electric generation facility to be located at the Aero Haven Landfill in Evesham Township, Burlington County, New Jersey. Aero Haven Solar alleges that the proposed site is a properly closed sanitary landfill facility as defined in the Solar Act.

BACKGROUND

On July 23, 2012, the Solar Act was signed into law. The Solar Act amends certain aspects of the statute governing generation, interconnection, and financing of renewable energy. Among other actions, the Solar Act requires the New Jersey Board of Public Utilities ("Board") to conduct proceedings to establish new standards and to develop new programs to implement the

statute's directives. By Order dated October 10, 2012, the Board directed Board staff ("Staff") to initiate proceedings and convene a public stakeholder process to fulfill the directives of the Solar Act.¹

The Solar Act – specifically, Subsection (t) – provides that:

No more than 180 days after [July 23, 2012], the board shall, in consultation with the Department of Environmental Protection and the New Jersey Economic Development Authority, and, after notice and opportunity for public comment and public hearing, complete a proceeding to establish a program to provide SRECs to owners of solar electric power generation facility projects certified by the board, in consultation with the Department of Environmental Protection, as being located on a brownfield, on an area of historic fill or on a properly closed sanitary landfill facility. . . . Projects certified under this subsection shall be considered "connected to the distribution system" [and] shall not require such designation by the board[.] .

[N.J.S.A. 48:3-87(t).]

The Solar Act defines the terms "brownfield," "area of historic fill," and "properly closed sanitary landfill facility." A "brownfield" is "any former or current commercial or industrial site that is currently vacant or underutilized and on which there has been, or there is suspected to have been, a discharge of a contaminant." N.J.S.A. 48:3-51. "Historic fill" is "generally large volumes of non-indigenous material, no matter what date they were placed on the site, used to raise the topographic elevation of a site" *Ibid.* A "properly closed sanitary landfill facility" means "a sanitary landfill facility, or a portion of a sanitary landfill facility, for which performance is complete with respect to all activities associated with the design, installation, purchase, or construction of all measures, structures, or equipment required by the Department of Environmental Protection" *Ibid.*

Toward implementing the October 10, 2012 Order, Staff met with staff of the New Jersey Economic Development Authority and the New Jersey Department of Environmental Protection ("NJDEP" or "Department"). On November 9, 2012, consistent with the requirements of the Solar Act, the Board held a public hearing presided over by Commissioner Joseph L. Fiordaliso. In addition, the public was invited to submit written comments through November 23, 2012.

In an Order dated January 24, 2013, the Board approved Staff's proposed process for certifying solar generation projects as being located on brownfields, areas of historic fill, and properly

¹ [I/M/O the Implementation of L. 2012, C. 24, The Solar Act of 2012; I/M/O the Implementation of L. 2012, C.24, N.J.S.A 48:3-87\(d\)\(3\)\(b\) – A Proceeding to Investigate Approaches to Mitigate Solar Development Volatility; I/M/O the Implementation of L.2012, C.24, N.J.S.A 48:3-87\(e\)\(4\) – Net Metering Aggregation Standards; I/M/O the Implementation of L.2012, C.24, N.J.S.A 48:3-87\(Q\), \(R\) and \(S\) – Proceedings to Establish the Processes for Designating Certain Grid-Supply Projects as Connected to the Distribution System; I/M/O the Implementation of L.2012, C.24, N.J.S.A 48:3-87\(T\) – A Proceeding to Establish a Program to Provide Solar Renewable Energy Certificates to Certified Brownfield, Historic Fill and Landfill Facilities; and I/M/O the Implementation of L.2012, C.24, N.J.S.A 48:3-87\(W\) – A Proceeding to Consider the Need for a Program to Provide a Financial Incentive to Supplement Solar Renewable Energy Certificates for Net Metered Projects Greater than Three Megawatts; 2012 N.J. PUC LEXIS 286 \(Oct. 10, 2012\).](#)

closed sanitary landfill facilities.² The certification process for projects seeking approval pursuant to Subsection (t) provides three (3) potential recommendations from Staff to the Board: full certification, conditional certification, or denial of certification. Conditional certification may be granted for projects located on sites that the NJDEP has determined require further remedial action or, in the case of properly closed sanitary landfill facilities, additional protective measures, and full certification may be granted for projects located on sites for which the NJDEP has determined no further remedial or protective action is necessary. The process incorporates the expertise of the NJDEP to confirm a potential project's land use classification for eligibility and to account for the state of remediation of the project site. 2013 N.J. PUC LEXIS 27 at 31-33.

The January 24, 2013 Order states that certification would be limited to those areas delineated by the NJDEP. In compliance with this directive, applicants are required to delineate the precise section(s) of the location where the solar facility is proposed to be sited, and the NJDEP reviews this material in making its recommendation.

The Board found that an application for solar projects located on brownfields, areas of historic fill, or properly closed sanitary landfill facilities was necessary to initiate the certification process and directed Staff to work with NJDEP to develop an application. *Id.* at 33. On or about April 10, 2013, Staff distributed, via the public renewable energy stakeholder email distribution list and posted to the NJCEP and BPU websites, a Subsection (t) application form.

Projects certified under Subsection (t) of the Solar Act are subject to all of the Board's rules; the statutory language exempts such projects from the need for further Board designation as "connected to the distribution system" but does not remove any of the Board's oversight authority. For example, projects must comply with the rules at N.J.A.C. 14:8-2.4 and applicable Board orders concerning registration with the SREC Registration Program ("SRP"). The size and location of the subject project will then be reflected in the public reporting of solar development pipeline data.

STAFF RECOMMENDATIONS

Project Description

As stated above, at issue is the request by Aero Haven Solar that its proposed solar facility, to be located in Evesham Township, New Jersey, be certified as eligible for SRECs pursuant to Subsection (t). Aero Haven Solar filed an application with supporting documentation to enable a NJDEP determination as to whether the proposed site is a properly closed sanitary landfill facility. The NJDEP reviewed the application and supplied an advisory memorandum to Staff on September 24, 2018 on the land use classification and the closure or remediation status of the proposed site. On the basis of the NJDEP's determination, the information certified by Aero Haven Solar in its application, and the January 24, 2013 Order, Staff recommends that the Board grant conditional certification, as explained further below.

² I/M/O the Implementation of L. 2012, C. 24, The Solar Act of 2012; I/M/O the Implementation of L. 2012, C. 24, N.J.S.A 48:3-87(T) – A Proceeding to Establish a Program to Provide SRECS to Certified Brownfield, Historic Fill and Landfill Facilities; and I/M/O the Implementation of L. 2012, C. 24, N.J.S.A 48:3-87(U) – A Proceeding to Establish a Registration Program for Solar Power Generation Facilities, 2013 N.J. PUC LEXIS 27 (Jan. 24, 2013).

Developer	Docket Number	Project/ Designation Address	Location Town	County	Landfill, Brownfield, or Historic Fill	Array Size (MWdc)	EDC
Aero Haven Solar, LLC	Q018040432	Aerohaven Landfill	Block 63, Lot 1 450 Kettle Run Rd Evesham, NJ 08053	Burlington	Landfill	3.38	PSE&G

Aero Haven Solar, LLC – Aero Haven Landfill – Docket No. Q018040432

On March 28, 2018, Aero Haven Solar submitted its application to the Board to have its project certified as being located on a properly closed sanitary landfill facility pursuant to Subsection (t) of the Solar Act. Applicant's 3.38 MWdc project is proposed to be constructed on eighteen (18) acres of land owned by Owens Corning. The landfill is located on an approximately forty-six (46) acre site, specifically, Block 63, Lot 1, at 450 Kettle Run Road in Evesham Township, Burlington County, New Jersey.

Staff forwarded the application to the NJDEP for review and a recommendation as described above. NJDEP indicated that, between 1961 and 1972, municipal debris and waste, including Kaylo insulation – which is an insulation product containing asbestos fibers – were accepted and used at the Aero Haven Landfill to fill low areas. Between 1984 and 1995, consultants for Owens Corning Corporation and the U.S. Environmental Protection Agency conducted various investigations of the site. In 1994, Owens Corning Corporation applied to the NJDEP for a Sanitary Landfill Disruption and Closure Plan Approval. The NJDEP issued a Sanitary Landfill Disruption/Closure Approval dated February 24, 1995 to Owens Corning Corporation that required the consolidation of waste and closure of the landfill in two phases. The initial phase required the excavation and consolidation of waste and the construction of a final cap, storm water controls, and landscaping. The final phase required the backfill, regrading, and landscaping of drainage and sedimentation systems, following the establishment of sufficient vegetative growth for erosion control. The NJDEP approved completion of the initial closure phase on September 17, 1997. On June 22, 2007, the NJDEP approved the September 2006 Remedial Action Report for Aero Haven Landfill, which included the final as-built drawings and certification of closure.

NJDEP noted that the solar installation will constitute the construction of improvements on a closed landfill, pursuant to the law, and, accordingly, the property owner will need to obtain an Approval from the NJDEP Division of Solid and Hazardous Waste, as well as any permits identified by the Department, and approval from any other applicable state or federal agency. For example, NJDEP noted that, if applicable, the property owner may need to ensure compliance and obtain any relevant approvals from the Pinelands Commission, such as a comprehensive management plan ("CMP"), if appropriate, prior to construction of the solar electric power generation facility. The NJDEP stated that the Approval for construction of improvements on the closed landfill needs to address impacts on the environmental controls in place at the site, such as the protection / re-establishment of the final cap/cover, leachate collection, gas collection and storm water collection systems, settlement, slope stability, and control of erosion, in addition to ongoing maintenance and monitoring during the post-closure period. The NJDEP stated that, consistent with the above requirements, the property owner and operator of the solar facility should ensure that all future operations continue to protect the integrity of the cap.

Based on the information provided in the application and the NJDEP's determination that the proposed solar project as rendered on drawing C-1, Aero Haven Sanitary Landfill, Conceptual Site Plan Layout for Solar, dated August 9, 2018, is located on a portion of the landfill that qualifies as a "properly closed sanitary landfill facility" under the Solar Act, Staff recommends that the Board grant conditional certification of the proposed project.

FINDINGS AND CONCLUSIONS

The Board **FINDS** that, as required by Subsection (t), Staff transmitted the application discussed above to the NJDEP for a determination of eligible land use type and status of remediation on the proposed site. The NJDEP has determined that the eighteen (18) acres requested for Subsection (t) certification on Block 63, Lot 1, as rendered on drawing C-1, Aero Haven Sanitary Landfill, Conceptual Site Plan Layout for Solar, dated August 9, 2018, is located on land meeting the Solar Act's definition of a "properly closed sanitary landfill facility." Based on information provided by the NJDEP, the Board **FINDS** that the Aero Haven Landfill project is located on land meeting the definition of a "properly closed sanitary landfill facility."

The Board also **FINDS** that the NJDEP has determined that the property owner will need to obtain an approval from the NJDEP Division of Solid and Hazardous Waste, as well as any permits identified by the Department, and approval from any other applicable state or federal agency, prior to construction of the solar electric power generation facility. The Board also **FINDS** that "environmental controls in place at the site, such as the protection/ re-establishment of the final cap/cover, leachate collection, gas collection and storm water collection systems, settlement, slope stability, and control of erosion, in addition to ongoing maintenance and monitoring during the post-closure period" must be addressed to construct the solar electric power generation facility. The property owner and operator of the solar facility should ensure that all future operations continue to protect the integrity of the cap for the Aero Haven Landfill.

The Board **FINDS** that the NJDEP requirements must be addressed and thus **GRANTS** conditional certification of the Applicant's proposed solar electric generation facility, to be located at the Aero Haven Landfill at Block 63, Lot 1 in Evesham Township, Burlington County, New Jersey, with an array size not to exceed 3.38 MWdc. To obtain full certification, the Board **DIRECTS** the Applicant to demonstrate to Staff that there are no outstanding requirements under the approval from the NJDEP Division of Solid and Hazardous Waste and that all NJDEP requirements have been satisfied. To obtain full certification, the Board also **DIRECTS** the Applicant to demonstrate to Staff that the Pinelands Commission has issued a final determination finding that the site plan meets the minimum standards of the CMP and/or that the Applicant has also obtained compliance with any other relevant approvals from the Pinelands Commission.

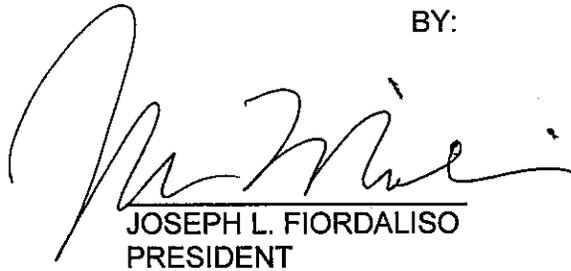
The Board **FINDS** that Aero Haven Solar LLC submitted its Subsection t application prior to the October 29 deadline for a fifteen (15) year SREC term or Qualification Life. In addition, to obtain full certification, the Board **DIRECTS** Aero Haven Solar to submit an initial SRP registration package within fourteen (14) days of the effective date of this order in accordance with N.J.A.C. 14:8-2.4(c) and to complete construction within two (2) years in accordance with N.J.A.C. 14:8-2.4(c), (i). The Board **DIRECTS** Staff to issue full certification to the project upon the Applicant's demonstration that all requirements for full certification have been satisfied. After the Applicant has received full certification and satisfied all SRP requirements, the Board **DIRECTS** Staff to issue a New Jersey Certification Number to the project for purposes of SREC creation for a fifteen year Qualification Life, provided that all requirements of N.J.A.C. 14:8-2.4 are met.

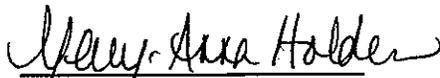
This Order is issued in reliance on the information certified in the application and does not grant any rights in connection with construction of the proposed project beyond certification under Subsection (t), provided that the facilities are constructed in accordance with NJDEP requirements, the plans as represented in the application, and the SRP registration.

This Order shall be effective on November 29, 2018.

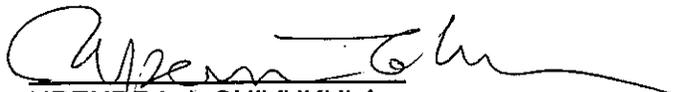
DATED: 11/19/18

BOARD OF PUBLIC UTILITIES
BY:

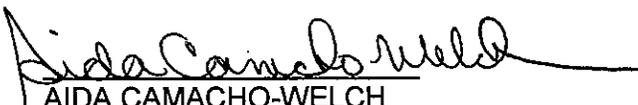

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ATTEST: 
AIDA CAMACHO-WELCH
SECRETARY

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 Implementation of L. 2012, c. 24, the Solar Act of 2012;
In the Matter of the Implementation of L. 2012, c. 24, N.J.S.A. 48:3-87(t) – A Proceeding to
Establish a Program to Provide SRECs to Certified Brownfields, Historic Fill and Landfill
Facilities; Public Service Electric and Gas Company – Highland Park Borough Landfill**

Docket Nos. EO12090832V, EO12090862V, and QO18040432

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