

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)
Endeavor Solar Farm for Certification as an)
Eligible Ohio Renewable Energy Resource) Case No. 10-322-EL-REN
Generating Facility.)

FINDING AND ORDER

The Commission finds:

- (1) On March 17, 2010, Endeavor Solar Farm (Endeavor) filed an application for certification as an eligible Ohio renewable energy resource generating facility.
- (2) Consistent with Sections 4928.64 and 4928.65, Revised Code, in order to qualify as a certified eligible Ohio renewable energy resource generating facility, a facility must demonstrate in its application that it has satisfied all of the following criteria:
 - (a) The generation produced by the renewable energy resource generating facility can be shown to be deliverable into the state of Ohio, pursuant to Section 4928.64(B)(3), Revised Code.
 - (b) The resource to be utilized in the generating facility is recognized as a renewable energy resource pursuant to Sections 4928.64(A)(1) and 4928.01(A)(35), Revised Code, or a new technology that may be classified by the Commission as a renewable energy resource pursuant to Section 4928.64(A)(2), Revised Code.
 - (c) The facility must satisfy the applicable placed-in-service date, delineated in Section 4928.64(A)(1), Revised Code.

- (3) Endeavor seeks certification of a 20 megawatt solar photovoltaic facility located at the southwest corner of Seaside Avenue and Mapp Road, Melfa, Virginia, 23410. The application explains that Endeavor would use solar photovoltaic as its energy resource and has a projected placed in-service date of August 15, 2011. The application indicates that the Endeavor facility will be a distributed generation facility without net metering with an interconnection agreement with PJM/ODEC.
- (4) The Commission finds that the application demonstrates that the Endeavor facility satisfies two of the three statutory criteria, by producing electricity generated from a renewable energy resource that was placed-in-service after January 1, 1998. However, the application must also satisfy the requirement that the electricity produced by the renewable energy resource generating facility can be shown to be deliverable into the state of Ohio. The deliverability criterion is satisfied if the facility is located within Ohio or a state contiguous to Ohio, or, as applicable here, if a generating facility located outside of Ohio or a contiguous state can demonstrate that electricity from the facility is physically deliverable into Ohio.
- (5) By finding and order issued March 23, 2011, in *In the Matter of the Application for Koda Energy LLC to Receive Ohio RPS Generator Status*, Case No. 09-555-EL-REN, the Commission approved Staff's proposed methodology, which provided that any applicant seeking to demonstrate the physical deliverability of energy into Ohio from a generating facility located outside of Ohio or a contiguous state may do so with a power flow study, performed by an RTO, offering evidence of a significant impact on power flows over transmission lines located in the state of Ohio. The transmission lines must serve loads connected to distribution lines located in Ohio. If the study shows an impact on a transmission line in Ohio that is greater than five percent and greater than one megawatt, the electricity produced by the renewable generating facility would be deemed to have a significant impact, thereby satisfying the

statutory criteria that the electricity is physically deliverable into Ohio. Because Endeavor is not located within Ohio or a contiguous state, it is required to submit documentation within its application that demonstrates physical deliverability.

- (6) The application includes an exhibit, in which the applicant states, that based on subsequent conversations with PJM, and a distribution factor (dfax) analysis conducted by PJM, the Endeavor facility should qualify as a network resource interconnection service as the electricity generated by the Endeavor facility is fully deliverable into Ohio.
- (7) On August 12, 2011, Commission Staff (Staff) filed its review and recommendations. Staff believes that the information provided by the applicant, as well as the PJM study regarding Endeavor's application, do not demonstrate physical deliverability into Ohio.
- (8) Staff applied its methodology to Endeavor's application, utilizing the dfax study performed by PJM. According to that study, the highest dfax value on a transmission line in Ohio attributable to the Endeavor facility was 4.59 percent and the megawatt equivalence was 0.92 megawatts. As this impact falls below Staff's recommended standard, Staff maintains that Endeavor has failed to demonstrate any significant impact on power flows over transmission lines located in Ohio and thus has not shown that the electricity generated from the Endeavor facility is physically deliverable into Ohio. As Endeavor's application fails to satisfy the deliverability criterion, Staff recommends denial of the application.
- (9) The Commission finds that Staff correctly determined that electricity generated from the Endeavor facility is not physically deliverable into Ohio. Given that Endeavor's application fails to demonstrate that its facility satisfies the requisite criteria to become certified as an eligible Ohio renewable energy resource generating facility, the Commission finds that its application should be denied.

It is, therefore,

ORDERED, That Endeavor's application for certification as an eligible Ohio renewable energy resource generating facility be denied as set forth herein. It is, further,

ORDERED, That a copy of this finding and order be served upon all parties of record.

THE PUBLIC UTILITIES COMMISSION OF OHIO


Todd A. Snitchler, Chairman


Paul A. Centolella


Steven D. Lesser


Andre T. Porter


Cheryl L. Roberto

JJT/sc

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Betty McCauley

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Secretary