STATE OF VERMONT
PUBLIC UTILITY COMMISSION

Petition of Novus Buck Solar LLC for a Certificate of Public Good, pursuant to 30 V.S.A. § 248, authorizing the installation and operation for a 4.999 MW ground-mounted solar array in Newport Town, Vermont to be known as the "Novus Buck Solar Project"	)))))))	Case No. 26-0925-PET

PREFILED SUPPLEMENTAL TESTIMONY OF T. ALEX BRAVAKIS

August 14, 2026

Summary: Mr. Bravakis introduces the System Impact Study conducted for the Novus Buck Solar Project and confirms that the Project complies with the System Stability and Reliability criterion (30 V.S.A. Section 248(b)(3)).

EXHIBIT LIST

***NBS-AB-7*:** VEC System Impact Study
***NBS-AB-8*:** Distribution Line Upgrade Map

Q1. Please state your name, occupation, and business address.

A1. My name is T. Alex Bravakis and I am the managing member of Novus Energy Development, LLC ("NED"). My business address is located at 250 Main Street in Montpelier, Vermont.

Q2. Have you previously filed testimony in support of this petition?

A2. Yes. I filed testimony and exhibits in support of this petition on May 7, 2026 on behalf of the Novus Buck Solar Project (the "Project").

Q3. What is the purpose of your supplemental testimony?

A3. My testimony introduces ***Exhibit NBS-AB-7,*** the System Impact Study ("SIS") that has been completed by the Vermont Electric Cooperative ("VEC") for the Project[1] and addresses the Project's compliance with Section 248(b)(3) (System Stability and Reliability). I also introduce ***Exhibit NBS-AB-8*****,** a map of the required distribution line upgrades identified in the SIS.

Q4. Please describe the results of the SIS.

A4. The SIS concluded that the Project can safely interconnect to the VEC system provided certain system upgrades are completed prior to interconnection. ***Exhibit NBS-AB-7.*** The upgrades identified include:

[1] The SIS is inadvertently marked with "DRAFT" watermarks on some pages. However, VEC has confirmed the SIS is final and is working to get a replacement version without the watermark from their consultant. Petitioner will file a superseding version of the SIS without the watermark as soon as it is received from VEC.

- Installing approximately 18,300 feet of primary overhead 556 ACSR conductor, including reconductoring approximately 17,100 feet of existing three-phase overhead 2 ACSR and 4/0 ACSR conductor from Span_48630 to Span_10439, upgrading approximately 1,000 feet of single-phase overhead 2 ACSR conductor to three-phase overhead 556 ACSR conductor from Span_17410 to Span_47714, and installing a line extension of approximately 200 feet of three-phase overhead 556 ACSR conductor from Span_47714 to the Project PCC recloser.
- Installing a set of three single-phase 328-Amp, 250 kVA line regulators at or near Span_48592, decreasing the voltage setpoint of the existing substation regulator from 123.5 V to 122 V, and installing two three-phase 600 kVAR switched capacitor banks on feeders 42-1A and 42-3A at or near Span_48484 and Span_39839, respectively.
- Installing a three-phase recloser upstream from the Project and at the Project PCC.
- Installing a three-phase pole-mounted primary metering package or other VEC-approved metering package that accounts for transformer loss compensation upstream of (or on) a new customer riser pole.
- Installing real-time (SCADA) communications from the Project to VEC.
- Performing a harmonic study prior to final interconnection and implementation of any harmonic mitigation measures or monitoring, if any, determined necessary by VEC.

These upgrades will be completed prior to interconnection, and Novus Buck Solar LLC will be responsible for the upgrade costs. ***Exhibit NBS-AB-7.***

Q5. Will there be any off-site system upgrades required to interconnect the Project?

A5. Yes. Among the system upgrades required for interconnection are some upgrades to several miles of VEC distribution line to reconductor portions of the existing three-phase line and upgrade a portion from single-phase to three-phase, as well as installing a short segment of new line along Buck Road (hereafter referred to as the "Line Upgrade"). The Line Upgrade work will span approximately 3.4 miles along the existing VEC distribution line from the Project's point of interconnection on Buck Road, across Wheeler Corner, and along Route 14 towards Spencer Hill Road in Coventry. A map of the Line Upgrade is attached here as ***Exhibit NBS-AB-8***. Any pole replacements are expected to be in kind and located within approximately 3 to 5 feet of existing poles, and the Line Upgrade work is not expected to require vegetation clearing or changes to existing vegetation management within the existing utility corridor.

Q6. Has there been an investigation of the Line Upgrade's potential impacts on the Natural Environment and Use of Natural Resources under Section 248(b)(5)?

A6. Yes. The potential natural resource impact of the Line Upgrade is addressed in the supplemental prefiled testimony of Dori Barton and her natural resources assessment provided in ***Exhibit NBS-DB-3***. As detailed therein, the Line Upgrade will have no

undue adverse impact on natural resources or any of the environmental criteria of Section 248(b)(5). ***See Exhibit NBS-DB-3.***

Q7. Do the proposed inverters for the Project meet the certification requirements identified in the SIS?

A7. Yes, as shown on the equipment specification sheet for the inverters provided in ***Exhibit NBS-AB-3***, the inverters are UL 1741-SA/SB and IEEE 1547-2018 certified, consistent with the certification requirements identified in the SIS.

Q8. Based on the results of the SIS, will the Project adversely affect system stability and reliability?

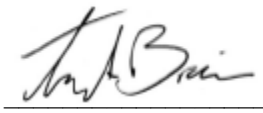
A8. No. The SIS concludes that with the identified system improvements, the Project should have no adverse impacts on the safety and reliability of the VEC system. ***Exhibit NBS-AB-7.*** As stated above, Petitioner will be responsible for paying for all upgrades, which will be completed prior to interconnection.

Q9. Does this conclude your testimony at this time?

A9. Yes, it does.

I, Alex Bravakis, declare that the testimony and exhibits that I have sponsored are true and accurate to the best of my knowledge and belief and were prepared by me or under my direct supervision. I understand that if the above statement is false, I may be subject to sanctions by the Commission pursuant to 30 V.S.A. § 30.

Dated at Montpelier, Vermont on the 14th day of August, 2026.



Alex Bravakis