



Encore Danyow Road PV Project in Sheldon, VT



ISO-NE TCS – A Developer's View
VSPC Quarterly Meeting
July 15, 2026

Transitional Cluster Study Positives

- **Cluster studies are an efficient means of regulating interconnection.**
 - Encore has been able simultaneously to process two 19.3MW/four-hour BESS projects to be interconnected at VELCO's Windsor and Highgate 115kV substations.
 - Encore's were the only Vermont-located BESS projects included in the TCS.
 - We look forward to the release of the final TCS report in August.
- **ISO-NE response was speedy and cooperative from formal launch.**
 - ISO-NE Project Managers responded quickly to queries on procedural guidance.
- **TCS Fees and withdrawal costs were broadly fair and predictable, discouraging speculative applications but encouraging development.**
- **Support and cooperation from VELCO were exceptionally good.**
 - VELCO supplied early conceptual, procedural, and substation upgrade guidance.

Suggestions for Future Improvements.

- **Health Warning:** Some suggestions may apply to Transitional Issues which are likely to be corrected in future annual Cluster studies.
- **Transition from pre-TCS SIS to the TCS process was difficult:**
 - Having PP5-6 (Rev 14) fully in place earlier would have made life easier;
 - ISONE Consultant input and queries to the SIS were inconsistent with Consultant input and queries when Encore responded to ISO queries in the TCS process.
 - EG: Responses to queries regarding EPC CAB1000 inverters would have been easier if ISO-NE had revealed existing queue projects already used CAB1000s.
 - While substantially identical, Encore's two BESS projects appear to have been examined by different consultants, resulting in different results for identical design.
 - Queries to IRTT after release of the TCS didn't receive detailed responses.
- Encore perceived an underlying institutional ISO-NE bias in favor of rotating machinery technology v. inverters throughout the process.

Tracy Farm Energy Storage LLC

- Project is a nominal 19.3MW/77.2MWh BESS interconnecting to the VELCO 115kV/46kV Windsor substation. Forecast RTE 85.1%. Energy expandable; power is not.
- COD 2029. Value as an energy arbitrage, DASI, capacity, resiliency and/or SATOA asset. Currently seeking offtaker or partner to monetize ISO-NE interconnection value.
- Site is just North of GMP's 13.2 MW oil-fired Asccutney peaker.



Highgate Energy Storage LLC

- Project is a nominal 19.3MW/77.2MWh BESS interconnecting to the VELCO 115kV substation at Highgate Center. Forecast RTE 85.1%. Energy expandable; power not.
- COD in summer 2029. Value as an energy arbitrage, DASI, capacity, resiliency and/or SATOA asset. Currently seeking offtaker or partner to monetize ISO-NE interconnection value.
- Site is just North of the Highgate HVDC Converter.





*Encore's 'I Love Cows' PV Project in Barre, VT
(During Construction)*

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