



October 6, 2026

Department of Energy Resources
Section 83E Request for Proposals for Long-Term Contracts for Energy Storage Projects
Round 2

Re: Proposed Owner's Engineer for Dartmouth BESS (220 MW / 880 MWh)

Dear Selection Committee,

Dartmouth Energy Storage LLC (the "**Applicant**"), an indirect wholly owned subsidiary of PowerTransitions LLC ("**PowerTransitions**"), has identified Henningson, Durham & Richardson, Architecture and Engineering, P.C., ("**HDR**"), as its proposed owner's engineer ("**OE**") for Dartmouth BESS (the "**Project**"), a 220 MW/880 MWh, 4 hour battery energy storage system in Dartmouth, Massachusetts. This letter is provided in support of the Applicant's proposal in response to the Section 83E Request for Proposals for Long-Term Contracts for Energy Storage Projects Round 2 (the "**RFP**") and responds to Appendix A (Bidder Response Form), Section A-13, Questions 13.2, 13.6 (vi) and 13.7, for consideration under Section 2.6.1.2 (Experience and Track Record of the Bidder) of the RFP. It confirms HDR's willingness to serve as Owner's Engineer and summarizes HDR's relevant experience, including in the ISO-NE region. HDR's specific experience and expertise, including representative project examples, is set out in Attachment A. HDR brings extensive experience supporting transmission, substation, renewable energy, energy storage, and grid modernization projects across New England. Our multidisciplinary team provides planning, engineering, permitting support, interconnection support, detailed design, procurement support, and construction-phase services for complex energy infrastructure projects throughout the ISO-NE region. Over the past eight years, HDR has supported Eversource on approximately 50 projects totaling more than \$25 million in professional services, helping advance critical transmission, substation, renewable integration, and reliability-focused infrastructure investments across New England.

HDR's experience includes engineering and design for utility-scale renewable energy interconnections, greenfield transmission substations, protection and control modernization programs, synchronous condenser installations, and transmission line rebuild projects. Our team has provided detailed protection, control, communications, and SCADA system design for major renewable energy interconnection facilities; concept

through issued-for-Construction (IFC) design for new high-voltage substations; engineering support for large-scale relay replacement and communications modernization programs across multiple substations; and design services for transmission system reliability improvements. HDR has also supported transmission line rebuild and upgrade projects, delivering routing, structural, electrical, protection and controls, communications, and construction support services to enhance grid reliability and system performance.

HDR also supports utility clients throughout New England on battery energy storage, substation modernization, and distribution and transmission system improvement projects. Through these efforts, our team has developed a strong understanding of ISO-NE interconnection requirements, utility design standards, protection and control systems, transmission and substation engineering, and construction-phase support. This experience allows HDR to provide effective technical and Owner's Engineer support for utility-scale energy storage projects seeking successful integration within the New England electric system. Based on this experience, HDR supports the Applicant's proposal for the Project and confirms its intent to serve as Owner's Engineer should the Project be selected.

Sincerely,

Henningson, Durham and Richardson Architecture and Engineering, P.C.



Venu Santhakumar
Project Manager



Yiannoulla Charalambous
Senior Vice President | NY/NJ Area Manager

Project Experience

South Fork Wind Offshore Substation

Eversource Energy

NEW YORK

1/11/2021-9/20/2024

Eversource and Orsted have created a joint venture for the Southfork Wind Project, and are working together on a greenfield substation located in Long Island, NY. The project includes a 4.1 mile underground 138kV transmission line between the onshore transition joint bay and the onshore 138/69kV station, with the underground 69kV line running approximately 1,000 feet between the 138/69kV station and the Long Island Power Authority 69kV substation of East Hampton. HDR's project responsibilities include the detailed design and specification of the Protection, Control and SCADA equipment at the greenfield 138/69kV substation. Automation of the protection and control systems will be provided via IEC 61850 protocol. HDR will work with the client to finalize the SCADA and HMI hardware specifications using redundant systems. 24 relay panels will be engineered by HDR for installation at the station.

Size: 138kV transmission line, onshore 138/69kV station, underground 69kV line running approximately 1,000 feet between the 138/69kV station and the Long Island Power Authority 69kV substation

MCRU Group 3 Program

Eversource Energy

CONNECTICUT

6/14/2021-3/28/2024

HDR provided engineering and design services for the MCRU Group 3 Program, supporting the replacement of obsolete protective relays across numerous substations. As part of this large-scale, multi-site initiative, HDR was responsible for detailed design, material procurement support, relay settings development, and construction-phase services. The program enhanced system reliability and maintainability by modernizing aging protection and control infrastructure across the Eversource transmission network.

Scitico 27H Modifications and P-145 Transmission Line

Eversource Energy

CONNECTICUT

4/1/2018-5/28/2021

HDR provided engineering, design, and construction support services for upgrades to the Scitico 27H Substation and P-145 Transmission Line. The project included transmission and substation modifications aimed at improving system reliability, increasing operational flexibility, and supporting future capacity needs.

North Keene Synchronous Condenser

Eversource Energy

CONNECTICUT

11/24/2020-10/15/2026

The scope of this project will be to add one (1) +50/-25 MVar synchronous condenser, one connected to bus 2, at North Keene 115/12.47kV SS in Keene, NH. The synchronous condenser will be located on the west side of the existing station. The new 115kV equipment will be located in the current unused bay on the west side of the station. North Keene SS is not a BPS station, but the new construction will be designed using Eversource Energy New Hampshire's Bulk Power Separation (BPS) standards.

Size: 115kV

Various

National Grid

MASSACHUSETTS, NEW YORK

12/31/2024 - 12/31/2026

HDR is supporting National Grid on multiple power delivery projects throughout Massachusetts and New York, including substation battery replacements, protection and control upgrades, and replacement of aging substation assets. Notable projects include the Snow Street Battery station battery replacement, Vilas Bridge Substation asset replacement, and protection upgrades at the Foxboro 3V0, W. Salem 3V0, and North Haverhill 3V0 substations. These projects are intended to enhance system reliability, improve asset condition, and support the long-term operation of National Grid's electric transmission and distribution network.