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Spectrum IT completes Vineyard Wind site security project

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New Bedford, MA Spectrum Integrated Technologies (Spectrum IT), the low-voltage technology division of J&M Brown Company, has completed design, construction and integration of security systems at the New Bedford Marine Commerce Terminal for GE Renewable Energy.

The project scope included installation of card access and video surveillance for the site. Due to the site's physical size and its location, the security system infrastructure required wireless and Cloud-based solutions. Spectrum IT designed and deployed a 100% wireless transmission system coupled with a Solis battery-powered technology solution to power the security cameras and transmit video surveillance data. The site's card access security system communicates via a Cloud-based access control system.

Spectrum IT director of operations and senior project manager Terry Kilduff headed the project team, managing the contractor's crew of IBEW technicians. Spectrum commenced work in December 2022 and the fast-track project was completed in June 2023.

Massachusetts Clean Energy Center (MassCEC) owns the New Bedford Marine Commerce Terminal, which is the onshore construction and staging operations site for Vineyard Wind, the first utility-scale offshore wind energy installation being developed in the U.S. When complete, the

800MW Vineyard Wind 1 project will be comprised of 62 13MW wind turbines installed on monopoles in the Atlantic Ocean 14 miles southeast of Martha's Vineyard.

GE Renewable Energy is the supplier of the 13MW wind turbines, which are being staged and then transported offshore from the New Bedford Marine Commerce Terminal.

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