

Larrabee-Larrabee Collector Station (LCS) Upgrade Project

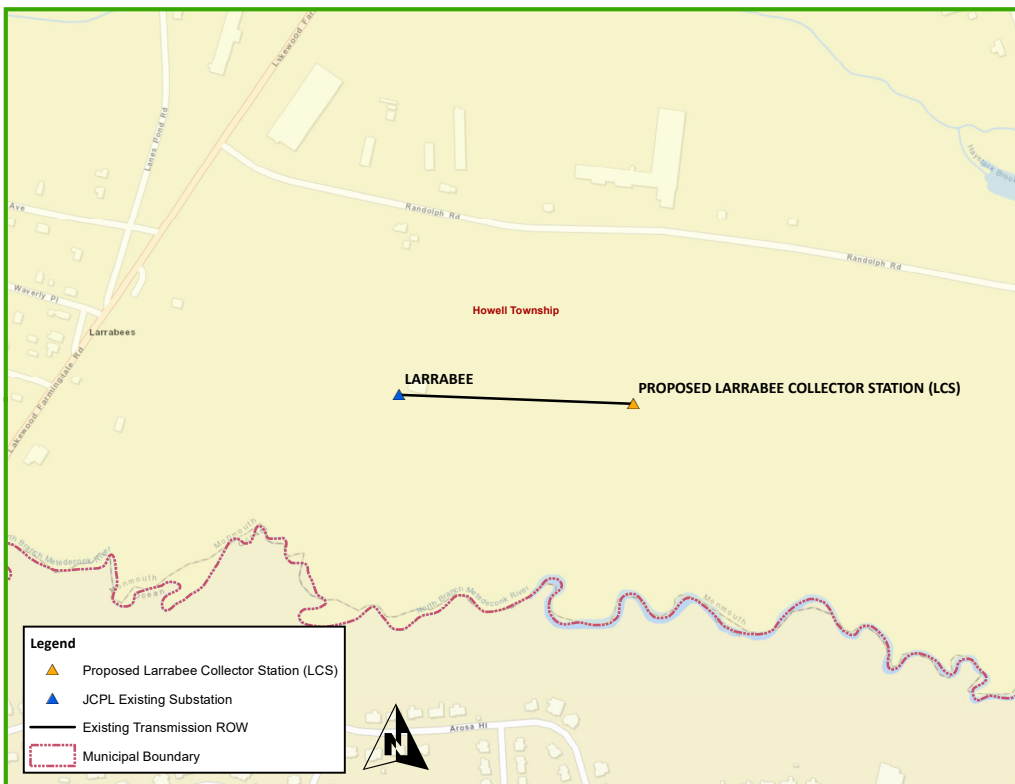
Through a competitive solicitation process, the New Jersey Board of Public Utilities (NJBPU), in coordination with regional grid operator PJM Interconnection (PJM), awarded Jersey Central Power and Light (JCP&L) several onshore transmission upgrade projects utilizing existing rights-of-way (ROW). These projects are collectively referred to as the New Jersey Clean Energy Corridor (NJCEC) by JCP&L.

The projects were carefully designed to maximize existing grid infrastructure and minimize disruption to the way New Jersey residents live and enjoy their communities. JCP&L will use approximately 40 miles of existing power line corridors for the upgrades, and the projects will not require any new construction on undeveloped land outside of JCP&L's owned property or existing ROW.

Through its NJCEC projects, JCP&L is helping modernize New Jersey's energy grid by upgrading existing high-voltage transmission infrastructure and enabling the state to handle the growing demand for electricity now and for years to come. The work will enhance JCP&L's ability to deliver power efficiently and reliably and connect new sources of clean, renewable energy to the grid.

As part of the NJCEC projects, JCP&L will install approximately 1000 feet of new 230-kV transmission line to connect its 230-kV Larrabee Substation with a new, adjacent substation called the Larrabee Collector Station (LCS) that will be owned by Mid-Atlantic Offshore Development (MAOD). The substations and existing easements for the project are located in Howell Township.

Within the Larrabee Substation fence, JCP&L will modify the existing layout of the substation. This will include upgrading and reconfiguring existing equipment and installing new equipment such as circuit breakers and an H-frame structure to facilitate the connection with the LCS.



Engineering

To help develop the detailed engineering design, JCP&L is performing ground, environmental and geotechnical surveys and consultations with local and state agencies. The location of structures, access roads and construction staging areas are being identified with a focus on minimizing physical and environmental impacts. We anticipate filing for all necessary permits for this project in 2024.

Continued

Land Use

Impact to land use, including natural areas, regulated areas and private conservation easements, will be minimized with the use of existing ROW. Temporary rights such as access roads and construction staging areas will avoid sensitive land use areas, where practicable. If unavoidable, JCP&L will work with the appropriate state agencies and local townships to address and mitigate impact.

Construction

New steel poles and wires in a single-circuit configuration will be installed in existing easements in the vicinity of Larrabee Substation. Steel poles are often used for high-voltage transmission lines and are durable, reliable and environmentally friendly.

Crews will perform vegetation maintenance and clearing where needed within the existing ROW to accommodate the new facilities in accordance with existing easement and property rights.

Residents will see JCP&L and/or their contractors performing a variety of activities within the right-of-way to facilitate construction efforts. Field representatives will be in contact with property owners to discuss any temporary access rights needed to support construction.

Preliminary Project Timeline

Construction start.....October 2025
Project complete and placed in service February 2026

Contact

Please visit the project website for additional information or reach out to our dedicated hotline with questions.

- Website: firstenergycorp.com/NJCEC
- Hotline: 844-206-2033