

# JCP&L RELIABILITY PLUS

## INFRASTRUCTURE INVESTMENT PROGRAM



Jersey Central Power & Light (JCP&L) filed a four-year infrastructure plan in July 2018 with the New Jersey Board of Public Utilities (BPU) aimed at enhancing the reliability and resiliency of its distribution system against severe weather and reducing the frequency and duration of power outages.

*JCP&L Reliability Plus* includes about \$400 million in targeted investments above and beyond its regular annual investments to enhance JCP&L's service reliability and resiliency.

*Reliability Plus* was created following a detailed analysis of JCP&L's distribution system, as well as lessons learned from the restoration efforts following recent severe weather events.

JCP&L expects the plan's economic benefit to customers and businesses from enhanced reliability and resiliency will be \$1.9 billion over the estimated life of the equipment installed through the program.

### KEY JCP&L RELIABILITY PLUS PROJECTS INCLUDE:

- **Overhead circuit reliability and resiliency** – Enhanced vegetation management with emphasis on removing trees affected by the emerald ash borer near JCP&L power lines and equipment; installing new TripSaver II devices to reduce the number of momentary outages from becoming longer-duration outages.
- **Substation reliability enhancement** – Protecting JCP&L substations from storm damage by implementing flood mitigation measures, upgrading distribution substation equipment, enhancing substation fencing and acquiring four mobile substations. These projects will increase the distribution system's resiliency, operational flexibility, safety and security.
- **Distribution automation** – Installing new technology that can pinpoint and isolate damage on the system, which quickly decreases the number of customers affected by an outage.
- **Underground system improvements** – Accelerating replacement of underground cable and submersible transformers with new equipment. These projects will increase service reliability and resiliency by reducing the frequency and duration of outages and enhancing operations.