



In today's fast-paced, interconnected, high-tech world, a "resilient" electric system delivers more than improved reliability – it delivers peace of mind for our customers and neighbors. That's why Connecticut Light & Power (CL&P) is implementing a five-year, \$300 million System Resiliency Program. In addition to our everyday efforts, this is an investment in our future and yours, to deliver reliable power and superior customer service.

Keeping Our Commitments: *As part of our 2014 System Resiliency Program, our work on the 13K4 circuit in Groton and Stonington includes:*

Tree Trimming

- During storms, more than 90 percent of outages are caused by falling trees and limbs
- 2014 tree trimming work included:
 - 14.4 miles – Scheduled Maintenance Trimming
 - 6.2 miles – Enhanced Tree Trimming
 - 7.2 miles – Reclaim Circuit Backbone (trimming major electric lines)
- Work began in late January and continued through April
- Our tree-trimming investment for 2014 was an estimated \$275,000

Structural Hardening

- Work will begin in late June and is anticipated to continue through September
- Street locations: Clipper Drive, Mistuxet Avenue, High Street, New London Road (Route 1), Godfrey Street, Ridgewood Road, Flanders Road, Groton Long Point Road, and Pequot Avenue.
- Spans approximately 14 circuit miles, including 5.6 miles of "backbone" circuit (major lines originating at substations)
- Scope of work includes pole and cross arm replacements, pole top hardware upgrades and updates, and anchor and down guy additions or replacements
- More than 122 taller and/or stronger poles will be installed
- Estimated \$1,720,000 investment in the local electric distribution system

Electrical Hardening

- Lightning arrestors will be added in several segments to protect equipment from lightning strikes
- Stronger, more resilient wire connectors will be installed to reduce the risk of connection failures
- Scope includes: 0.3 miles of new wire on Godfrey Street, 0.6 miles of new wire on Pequot Avenue, new reclosers on Mistuxet Avenue and Godfrey Street, and new switches on High Street.

Keeping Customers Informed: *Resiliency work will be well-coordinated and communicated*

- Approximately 2,470 customers will benefit directly from this resiliency work (2,127 in Groton and 344 in Stonington)
- CL&P and our contractors will coordinate work with town officials and individual customers, where needed
- Planned outages are anticipated and will be communicated in advance
- Traffic control, including flaggers and signage, will help maintain safe work zones for all

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