Electric Distribution Common Definitions

Basic Business
Basic Business addresses daily operational needs including the purchase of line transformers, meters, vehicles, and tools, as well as addressing Emergent Equipment Failures, Line Relocations, and Acts of Public Authority.

New Customer
New Business reflects growth in our territory including new residential and commercial developments, installation of services, expansion projects for existing customers, and Distributed Generation projects, all net of customer contributions.

Peak Load / Capacity
Peak Load / Capacity projects are for targeted upgrades and enhancements to the distribution and substation systems to address existing and potential overload conditions.

Regulatory Commitments
Regulatory Commitment projects relate to approved programs in each state for reliability improvements and other public awareness projects.

Reliability
Reliability projects seek to improve the reliability of our distribution and substation systems which translate into improved customer service.

Connecticut Distribution – Key Drivers

$ Millions

Basic Business - $128M

- $42M System Integrity initiatives arising from major storms, inspections & equipment failures
- $29M Transformer purchases, tools and equipment
- $24M Line Relocation and Third Party Attachment projects
- $20M Line and Substation Environmental projects including Station Oil Circuit Breaker Replacements
- $13M Lighting Programs

New Customer - $38M

- $18M Large new customer service program
- $15M Specific New Service projects
- $5M Residential customer service annual program

Peak Load / Capacity - $36M

- $28M Related to several large line capacity projects the two largest being Cedar Heights in Southwest CT and the Rockville-Mansfield Line
- $6M Substation Capacity Projects including the Scitico Substation in Enfield, and the Judd Brook Substation in Colchester
- $2M Voltage correction annual program

Regulatory Commitments - $55M

- $45M System Resiliency Program including right-of-way rebuilds & the pole integrity
- $10M Voltage projects, 4.8kV grounding work, network cable conversions, and network protector replacements

Reliability - $69M

- $31M Substation Reliability
  - $13M Replacements & modernization of substations, including the Greenwich Substation in southwest CT
  - $12M Substation Transformer Reliability & automation improvements
  - $6M in Switchgear Replacements including Glenbrook & South End stations in Stamford
- $18M Distribution Line Reliability Annual Program improvements
- $11M Network Reliability including replacement of transformers, protectors, & underground equipment
- $10M Related to Underground Residential Direct Buried cable improvements

Connecticut Distribution – Capital Plan

$ Millions Category	2017 Actual	2018 Plan	I / (D) from 2017
Basic Business	$ 126	$ 128	$ 2
New Customer	33	38	5
Peak Load / Capacity	19	36	16
Regulatory Commitments *	116	55	(61)
Reliability	65	69	4
Electric Distribution	$ 359	$ 325	$ (34)

May not foot due to rounding.

* The Regulatory Commitments change is primarily due to timing between years.