
NE Board of Higher Education

Leadership Forum - Greening Higher Education

Panel: Achieving Carbon Neutrality

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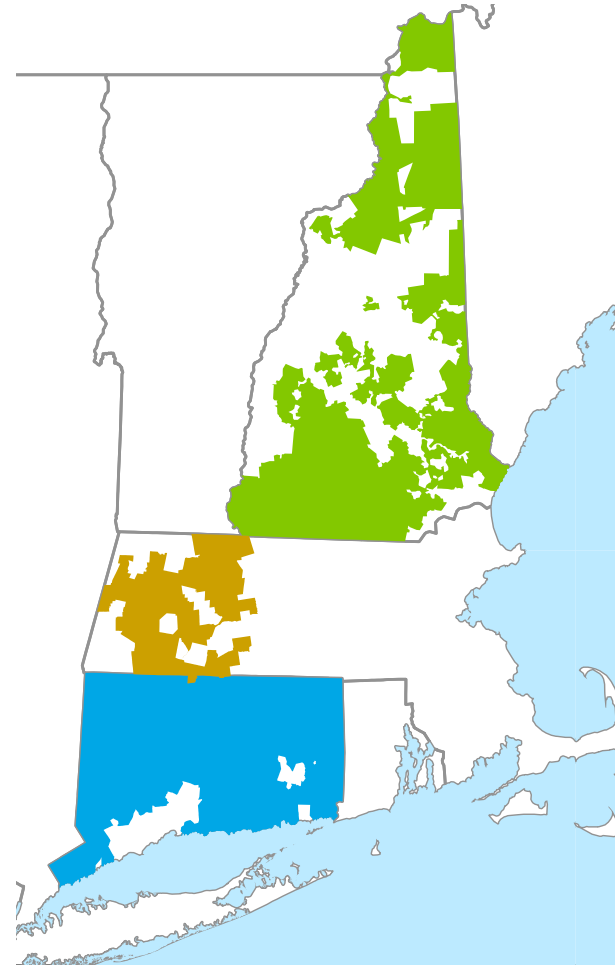
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About Northeast Utilities

Northeast Utilities:

- Delivers energy to serve 1,900,000 electric and 200,000 gas customers
- In 3 New England States
- Generates Electricity in New Hampshire
- Maintains the system using a fleet of over 2,800 vehicles



NU Carbon Reduction – Major Successes

We implement award winning Conservation and Load Management Programs:

- ❑ Connecticut Light & Power – 50 Megawatts (MW) of conservation (i.e. demand reduction) per year; over 340 MW of load management (i.e. reduced peak demand, if needed)
- ❑ Public Service of New Hampshire – 10 MW of conservation per year; over 8 MW of demand response
- ❑ Western Massachusetts Electric Company – 3 MW of demand reduction per year, 2 MW of demand response

NU Carbon Reduction – Major Successes

- Northern Wood Power Plant – Repowered a 50 MW coal plant to generate electricity using wood, saving 130,000 tons of coal per year since 2007
- Biodiesel – 150,000 gallons per year since 2001
- Vegetable Based Hydraulic Oil – Used since 2005, now in over 200 of the largest fleet vehicles
- Hybrid vehicles – Used for high mileage light duty applications, first piloted in 2005



NU Carbon Reduction – Major Proposals

- NU, together with NSTAR and Hydro-Quebec, proposes to bring 1,200 MW of new, renewable hydro-electric power to New England
- NU also proposes to build a “Northern Loop” to enable 400 MW of wind generation in New Hampshire
- We’ll continue to deliver award winning Conservation and Load Management Programs
- We’ll continue to improve the efficiency of our vehicle fleet (e.g. Hybrid Bucket Trucks)