

## your electric Co-op's newsletter October 2021

Sunset at Chocorua (John Gisis Photography)

### Briefly...

#### Candidates Wanted for Nominating Committee

NHEC is seeking members to serve on the company's Nominating Committee. The Nominating Committee reviews the qualifications of potential candidates seeking election to the NHEC Board of Directors and nominates a slate of candidates to run for the open seats. Interested members are encouraged to apply. For more information about time requirements and applying to be considered, contact Sharon Yeaton at **603-536-8801**, or [yeatons@nhec.com](mailto:yeatons@nhec.com).

#### Board of Directors Meetings

The NHEC Board of Directors regularly meets on the last Tuesday of each month. Please check the Board of Directors page on the Co-op web site at [www.nhec.com](http://www.nhec.com), or call Sharon Yeaton at **603-536-8801** to confirm the current month's time and location.

#### SmartHub: Get It To Go!

Manage your NHEC account anywhere with the convenience of the SmartHub app for your mobile device. The SmartHub app is free and available for your iOS or Android device, or scan the code below. With SmartHub, you can:

- View your hourly electric usage
- Report outages
- Get restoration updates
- Pay your bill



### Save Big on ENERGY STAR Appliances!

NHSaves' utility partners offer a wide variety of rebates on the products and technologies that help New Hampshire homes, businesses and towns save on new, energy-efficient equipment, energy saving upgrades, and new construction that meets ENERGY STAR® standards.



Keep these rebates in mind when you're shopping this holiday season...Black Friday appliance deals are right around the corner! To learn more, or download a rebate application, visit [www.nhsaves.com/nh-rebates](http://www.nhsaves.com/nh-rebates).

APPLIANCE	REBATE (up to)
CLOTHES DRYERS	\$200
CLOTHES WASHERS	\$50
DEHUMIDIFIERS	\$25
POOL PUMPS	\$500
REFRIGERATORS	\$75
ROOM AIR PURIFIERS	\$40
ROOM AIR CONDITIONERS	\$20

### Like NH Broadband? Like Us on Facebook!



Through NH Broadband, NHEC is working hard to achieve our goal of ensuring that all our members have access to reliable high-speed internet service. As we move forward on planning, applying for grants and constructing new fiber optic networks, be sure 'Like' or 'Follow' our new NH Broadband Facebook Page to get updates on our work.

[www.facebook.com/NHBroadband](http://www.facebook.com/NHBroadband)

### Team NHEC Brings Home the Gold!

We've always known it, but here's the hardware to prove it – NHEC lineworkers are the best! Congratulations to Team NHEC for winning the Northeast Public Power Association 2021 Lineworkers Rodeo! The annual event features a series of challenges for crews from more than a dozen electric utilities. In the end, NHEC crews stood alone! We're proud of our skilled line crews. The dedication and professionalism they brought to the rodeo is the same they bring to their work on behalf of our members every day.



# New Hampshire Electric Cooperative, Inc.

## Co-op Power Resources Information - 2020

Electric providers are required by the New Hampshire Public Utilities Commission to provide customers with an environmental disclosure label with information to evaluate services offered by competitive suppliers and electric utilities. Further information can be obtained by calling NHEC (800-698-2007), your competitive electric supplier or the Public Utilities Commission. Additional information on disclosure labels is available at [www.puc.nh.gov](http://www.puc.nh.gov) or [www.nhec.com](http://www.nhec.com).

Link to PUC website: <http://www.puc.nh.gov/Consumer/Environmental%20Disclosure%20FAQs.html>

Power Source	NHEC's Default Service (Co-op Power)			New England System Mix
	Known Resources	Residual Mix	Total	
Geothermal/Other Renewable	0.03%	0.00%	0.03%	0.07%
Hydro	32.34%	0.11%	32.46%	6.27%
Nuclear	0.00%	5.11%	5.11%	19.40%
Solar	1.58%	0.26%	1.84%	3.67%
Wind	7.04%	0.02%	7.05%	5.41%
Total Emissions Free	40.98%	5.50%	46.48%	34.82%
Biomass	1.06%	0.01%	1.07%	2.62%
Coal	0.00%	0.12%	0.12%	0.18%
Imported Power	0.00%	15.06%	15.06%	18.24%
Landfill Gas	0.73%	0.00%	0.73%	1.36%
Municipal Trash	0.00%	0.12%	0.12%	2.55%
Natural Gas	0.31%	32.03%	32.34%	35.97%
Oil	0.03%	4.05%	4.08%	4.26%
Total	43.1%	56.9%	100.0%	100.0%

  

Air Emissions	Carbon dioxide (CO <sub>2</sub> ), nitrogen oxide (NO <sub>x</sub> ), and sulfur dioxide (SO <sub>2</sub> ) emission rates from the above sources compared to the total emissions for New England	
	Total NHEC Mix (Lbs/MWh)	NEPOOL System Mix (Lbs/MWh)
Carbon Dioxide (CO <sub>2</sub> )	458.51	638.52
Nitrogen Oxide (NO <sub>x</sub> )	0.52	0.67
Sulfur Dioxide (SO <sub>2</sub> )	0.30	0.36

### Power Sources:

The electricity consumed in New England is created from a variety of power plants both in and outside the region. When you choose a power supplier, that supplier is responsible for generating and/or purchasing power in an amount equivalent to your electricity use. In the table above, 'Known Resources' include resources that are owned by, or under contract to NHEC. 'Residual Mix' represents power purchased in the regional electricity market, of which some will have had its renewable attributes removed through the sale of Renewable Energy Certificates (RECs) to meet regional Renewable Portfolio Standards (RPSs). NH Electric suppliers are required to obtain a certain amount of RECs in accordance with the state's RPS law RSA 362-F. Suppliers and utilities may offer energy options that contain a higher level of RECs than required by the New Hampshire's RPS. Please see <http://www.puc.nh.gov> for more information on New Hampshire's Renewable Portfolio Standard. 'System Mix' represents all power generated in New England, including power used to meet RPS requirements.

### Emissions:

Please see NH RSA 125-O for annual emission caps.

*Carbon Dioxide (CO<sub>2</sub>)* is released when fossil fuels (e.g., coal, oil and natural gas) and some solid fuels (e.g. wood and biomass) are burned. CO<sub>2</sub>, a greenhouse gas, is a major contributor to climate change. The amount of CO<sub>2</sub> released by the power sector within New England is capped by the Regional Greenhouse Gas Initiative (RGGI). Please visit [RGGI.org](http://RGGI.org) for more information.

*Nitrogen Oxides (NO<sub>x</sub>)* form when fossil fuels and biomass are burned at high temperatures. They contribute to acid rain and ground-level ozone (or smog), and may cause respiratory illness when there is frequent high level exposure. NO<sub>x</sub> also contribute to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

*Sulfur Dioxide (SO<sub>2</sub>)* is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO<sub>2</sub> include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO<sub>2</sub> combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

