



**Electric Generation Disclosure Label from
XOOM Energy Connecticut, LLC.**

Power Sources	New England Power Pool System Mix
Air-source Heat Pump	0.2%
Biogas	0.0%
Biomass	1.7%
Coal	0.3%
Diesel	1.5%
Digester Gas	0.1%
Efficient Resource	0.1%
Energy Storage	0.0%
Fuel Cell	0.6%
Geothermal	0.0%
Ground- and Water-source Heat Pump	0.1%
Hydroelectric/Hydropower	6.0%
Hydrokinetic	0.0%
Jet	0.0%
Landfill Gas	0.5%
Liquid Biofuels	0.4%
Municipal Solid Waste	0.6%
Natural Gas	45.6%
Nuclear	24.5%
Oil	4.9%
Solar (Photovoltaic)	6.4%
Solar (Thermal)	0.0%
Trash-to-energy	2.1%
Wind	3.5%
Wood	0.8%
Total	100%

System Mix source: NEPOOL GIS Reports (Q1-Q4 2022). Power Sources reflect the system mix, with the CT Class I & Class II renewable itemized separately in the chart.

About Power Sources

Your electricity is transmitted across the New England electric system, which receives electricity from power plants throughout the region to meet the requirements of all customers in New England. The "**New England Power Pool System Mix**" represents the percentage of power supply from each power source in the regional system. Suppliers are responsible for generating and/or purchasing electricity that is added to the electric system in an amount equal to your electricity use. To promote the development of renewable/clean sources, Connecticut, through legislation called the **Renewable Portfolio Standard (RPS)**, requires all Suppliers to acquire specific percentages of energy from renewable resources. CT RPS sources are defined as Class I, Class II and Class III. **Class I renewable** sources include solar power, wind power, fuel cells, methane gas from landfills, ocean thermal power, sustainable biomass, wave or tidal power, low emission advanced renewable energy conversion technologies, and certain run-of-river hydropower. **Class II renewable** sources include trash-to-energy, certain biomass facilities, and certain run-of-river hydropower facilities. Electricity generation from renewables has lower emissions and less of an impact on the environment than that produced from conventional fossil fuels. As an alternative to providing the RPS requirements a Supplier may pay an alternative compliance payment. **Class III** sources include CT commercial & industrial facilities using combined heat and power systems with at least 50% operating efficiency, a waste heat recovery system or electricity savings from energy efficiency measures.

CT Renewable Portfolio Standards XOOM Energy Compliance				
	Class I	Class II	Class III	Total
2022	24.0%	4.0%	5.0%	33.0%
2023	26.0%	4.0%	5.0%	35.0%
2024	28.0%	4.0%	5.0%	37.0%
2025	30.0%	4.0%	4.0%	38.0%
2026	32.0%	4.0%	4.0%	40.0%

Air Emissions from Power Sources

The air emissions listed below are produced when certain fuels are used to generate electricity.

Carbon Dioxide (CO2) is released when coal, oil, natural gas, trash, methane and biomass are burned. Carbon dioxide, a greenhouse gas, is thought to be a major contributor to global warming.

Nitrogen Oxide (NOx) is formed when fossil fuels, trash, methane and biomass are burned at high temperatures. They contribute to acid rain and ground-level ozone (or smog), and may contribute to respiratory illness. NOx also accelerates vegetative growth in lakes and coastal waters which may lead to oxygen deprivation which is destructive to fish and other aquatic life.

Sulfur Dioxide (SO2) is formed when fuels containing sulfur are burned, primarily coal, oil and trash. Health risks associated with SO2 include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO2 combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, is detrimental to crops and forests and accelerates the deterioration of buildings and monuments.

This label provides information on the New England regional electric system power sources and the air emissions related to electricity generation. For additional information on Supplier prices, power sources and air emissions, visit the CT PURA's **Electric Supplier Info Database**, www.dpuc.state.ct.us/el_aggre.nsf In the case of an emergency or power outage, please contact your utility. UI customers call: 1-800-7CALL UI (1-800-722-5584); and Eversource customers call 1-800-286-2000.

The Connecticut Public Utilities Regulatory Authority (PURA), Ten Franklin Square, New Britain, CT 06051
Toll-free 1-800-382-4586 www.ct.gov/pura

Suppliers are required to post their Disclosure Label(s), and updated versions as they occur, to the Electric Supplier Info Database on the PURA's website.