

Electric Power Suppliers are required by the Department of Public Utilities to provide customers with a disclosure label. The label enables consumers to look at the energy sources, air emissions and information about the supplier in order to make a more informed choice of a power supplier. Consumers can compare energy labels to make the best choice based on their energy needs.



### Generation Price: (cents per kWh)

Prices do not include regulated charges for customer service and delivery.

	National Grid		Eversource	
	Effective Date:	Price:	Effective Date:	Price:
Residential:	5/1/2017-10/31/2018	10.87 ¢/kWh	1/1/2018 - 6/30/2018	12.89 ¢/kWh
Small General Service:	5/1/2017-10/31/2018	10.18 ¢/kWh	1/1/2018 - 6/30/2018	12.69 ¢/kWh

*New England GreenStart 25%* is an extra 2.2 cents per kWh for all customer types. *New England GreenStart Value* is an extra 1.25 cents per kWh for all customer types. *New England Wind* is an extra 3.8 cents per kWh for all customer types.

**Contract:** You may opt out of *New England GreenStart* or *New England Wind* with no fee at any time by calling: Green Energy Consumers Alliance at 1-800-287-3950.

\*Check your electric bill for your customer type and to see if you are listed for *New England GreenStart* or *New England Wind*.

**Power Sources:** Demand for each electricity product was assigned generation from the following sources:

For power produced during the period: 7/1/17 - 9/30/17	New England Wind (any utility)	If your utility is Eversource		If your utility is National Grid			
				New England GreenStart		GreenStart Value (formerly New England GreenStart 50%)	
		% of your electricity comes from Class 1 renewables + large hydro from Mass Energy	% of your electricity comes from your utility's Standard mix.	% of your electricity comes from Class 1 renewables + large hydro from Mass Energy	% of your electricity comes from your utility's Standard mix.	% of your electricity comes from Class 1 renewables + large hydro from Mass Energy	% of your electricity comes from your utility's Standard mix.
<b>Biomass</b>		0%	0.0%		0.0%	0%	0.0%
<b>Hydro: New</b>		1%	1.7%	0%	2.3%	1%	1.7%
<b>Hydro: Small</b>			0.1%		0.1%		0.1%
<b>Hydro: Large</b>		22%	1.4%	11%	2.0%	23%	0.1%
<b>Solar</b>		6%	0.0%	2%	0.0%	5%	0.0%
<b>Wind</b>	100%	19%	10.2%	13%	14.2%	18%	11.1%
<b>Other Renewable</b>			1.8%		2.5%		1.1%
<b>Coal</b>			21.4%		29.8%		22.1%
<b>Imported Power</b>			5.8%		8.0%		7.0%
<b>Municipal Trash</b>			4.6%		6.4%		4.7%
<b>Natural Gas</b>			1.0%		1.3%		0.2%
<b>Nuclear</b>			1.7%		2.4%		1.9%
<b>Oil</b>			3.8%		5.3%		3.4%
<b>Air emissions as % of NEPOOL mix</b>							
<b>Carbon Dioxide</b>	0%	50%		70%		46%	
<b>Nitrogen Oxides</b>	0%	66%		92%		53%	
<b>Sulphur Dioxides</b>	0%	69%		96%		71%	

## Labor Information

Less than 1% of *New England GreenStart* and *New England Wind* resources come from generators with known union contracts with their employees.

## Notes

1. Electricity customers in New England are served by an integrated power grid, not particular generating units. However you can choose the types of electricity generating sources that will be associated with the electricity you use by selecting a GreenUp supplier. The above information is based on information from contracted renewable energy generators.

## Definitions

1. **Generation price and contract:** *New England GreenStart* 25% costs \$0.022 per kWh in addition to regular generation, service, and supply charges of National Grid, which may vary over time according to usage. *New England GreenStart Value* costs an extra \$0.0125 per kWh. *New England Wind* costs an extra \$0.038 per kWh.

2. **Power Sources:** The electricity you consume comes from the New England Power Grid, which receives power from a variety of power plants and transmits the power throughout the region as needed to meet the requirements of all customers in New England. Mass Energy is responsible for purchasing power attributes in an amount equivalent to your electricity use. Standard Mix is based on National Grid's Standard Offer Service. Biomass refers to power plants that are fueled by wood, other plant matter or landfill gas. Hydro resources of greater than 30 megawatts in size are deemed "large hydro." Solar refers to photovoltaic panels and wind refers to wind turbines. Other Renewables include fuel cells utilizing renewable fuel sources, and ocean thermal.

3. **Emissions:** Emissions for each of the following pollutants are presented as a percent of the regional average emission rate. Carbon Dioxide (CO<sub>2</sub>): is released when fossil fuels are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming. Biomass and landfill gas generators release CO<sub>2</sub>, but do not contribute to a net increase in atmospheric greenhouse gases. 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 in children with 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.

4. **Labor Information:** the information on this label regarding whether generators of suppliers operate under collective bargaining agreements is provided to inform you about whether the energy was produced in plants where employee wages and working conditions are mutually determined by employees and management, and protected by union contracts.

### FOR MORE INFORMATION:

Green Energy Consumers Customer Service:  
1-800-287-3950

Division of Energy Resources  
1-617-626-7300  
[www.mass.gov/doer](http://www.mass.gov/doer)

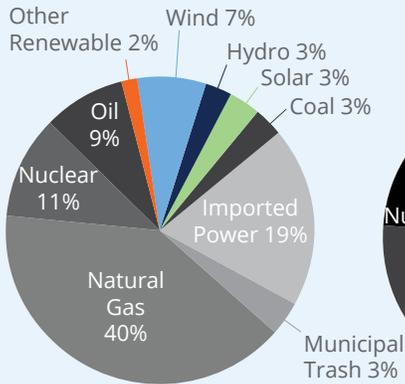
Department of Public Utilities Consumer  
Division: 1-877-886-5066  
[www.mass.gov/dpu](http://www.mass.gov/dpu)

\* These percentages are an average of percentages taken from Eversource Eastern Mass and Eversource Western Mass's disclosure labels.

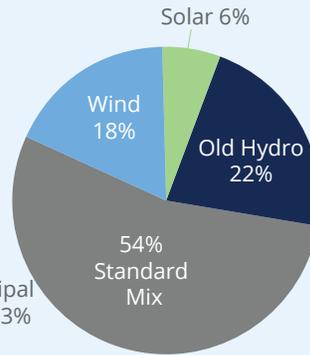
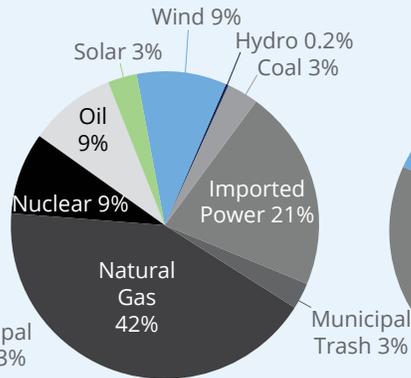
# New England Wind & New England GreenStart Disclosure Pies

JUNE 2018

### National Grid's Standard Mix



### Eversource's Standard Mix



The most up-to-date disclosure label can always be found at [www.greenenergyconsumers.org/disclosure](http://www.greenenergyconsumers.org/disclosure).

Questions? Contact Green Energy Consumers at 800-287-3950 x5 or [hello@greenenergyconsumers.org](mailto:hello@greenenergyconsumers.org).