

# Alpha Gas & Electric, LLC



## Massachusetts Environmental Disclosure Label

Electric suppliers and distribution companies are required to provide customers with a disclosure label. The label enables customers to look at the energy sources, air emissions, and information about the supplier's company to make a more informed choice of a power supplier.

<b>Generation Price</b> Average price per kWh at different levels of use. Prices do not include regulated charges for customer service and delivery. *	Average Usage/Month	250 kWh	500 kWh	1,000 kWh	2,000 kWh
	Average Price/kWh	See contract	See contract	See contract	See contract
* Your average generation price will vary according to when and how much electricity you consume. See your most recent bill for your monthly use and your Terms of Service for the actual prices.					
<b>Contract:</b> Please see your Contract Summary Form and Terms of Service for your contract terms.					
<b>Power Sources</b> Alpha Gas & Electric, LLC procures 100% of its power from the New England System Mix.  Alpha Gas & Electric, LLC backed 100% of the power supplied for the period 01/01/2022 – 12/31/2022 with biomass-based Renewable Energy Credits (RECs)  Total Power Sources may not equal 100% due to rounding.	<b>Power Sources</b>		<b>2022 Percentage</b>		
	Biomass		100.0 %		
	Coal		0.0 %		
	Hydro		0.0 %		
	Imported power		0.0 %		
	Municipal trash		0.0 %		
	Natural gas		0.0 %		
	Nuclear		0.0 %		
	Oil		0.0 %		
	Other		0.0 %		
	Solar photovoltaic		0.0 %		
	Wind		0.0 %		
<b>Total</b>		<b>100 %</b>			
<b>Air Emissions</b> Carbon dioxide (CO <sub>2</sub> ), nitrogen oxide (NO <sub>x</sub> ), and sulfur dioxide (SO <sub>2</sub> ) emission rates from these sources, relative to the regional average, and to the emission rates of a new generating unit.*	<b>Emission Rate (lbs./MWh)</b>		<b>CO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>SO<sub>2</sub></b>
	New England		539.37	0.327	0.094
	Imports		183	0.26	0.23
	New Units		895	0.06	0.01
* Air emissions data made available by MA DPU (New Units) for the period 01/01/2022 – 12/31/2022.					
<b>Labor Information</b> The label information percentage was obtained from the Massachusetts Department of Public Utilities.	<b>Generating Workforce</b>		<b>Output (MWh)</b>		<b>Percentage</b>
	With Union Labor		26,094,355		24%
	Without Union Labor		89,832,645		76%
	Total		118,927,000		100%
* These values are for electricity generated during the period 01/01/2022 – 12/31/2022.					

### Notes

- Electricity customers in New England are served by an integrated power grid, not particular generating units. The above information is based on the most recently available information for the NEPOOL Generation Information System. Alpha Gas & Electric, LLC procures all its electricity supply through system power, not from specific generating units. Alpha Gas & Electric, LLC began serving customers in Massachusetts in September 2020.
- See Label Description and your Terms of Service for further information on this label. For additional information, you may contact Alpha Gas & Electric, LLC at (888) 636-3749, the Massachusetts Department of Public Utilities Consumer Division at 1-877-866-5066, [www.mass.gov/dpu](http://www.mass.gov/dpu), or the Massachusetts Department of Energy Resources at 1-800-727-1234, [www.mass.gov/doer](http://www.mass.gov/doer).

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## LABEL DESCRIPTION

### **Generation Price and Contract:**

Generation Prices displayed are representative average prices for electricity at usage levels that are typical for residential or commercial customers. Contract items displayed present the length of your contract for generation service, and the price terms included in your contract. See your recent bills to determine average monthly use, and your Terms of Service for additional information. Prices do not include regulated charges for customer service and delivery.

### **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. When you choose a power supplier, that supplier is responsible for generating and/or purchasing power that is added to the power grid in an amount equivalent to your electricity use. Known Resources include resources that are owned by, or under contract to, the supplier. System Power represents power purchased in the regional electricity market. Biomass refers to power plants that are fueled by wood or other plant matter. Hydro resources of greater than 30 megawatts in size are deemed “large hydro.” All other hydro resources are deemed “small hydro.” Other Renewables include fuel cells utilizing renewable fuel sources, landfill gas, and ocean thermal.

**Emissions:** Emissions for each the following pollutants are presented alongside the regional average emission rate as well as the emission rates for each pollutant from a hypothetical new generation facility.

Carbon Dioxide (CO<sub>2</sub>) is released when fossil fuels (e.g., coal, oil, and natural gas) are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming.

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.

**Labor Data:** The information on this label regarding whether generators or 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.