

# CONSUMER INFORMATION ABOUT YOUR ELECTRICITY SUPPLY

June – August 2002

Your electricity is currently supplied through the Standard Offer energy service. Central Maine Power Company *delivers* this electricity, but the Standard Offer provider, who is selected by the Maine Public Utilities Commission through a competitive bidding process, supplies the *energy itself*.

This information sheet is provided in compliance with Maine law that requires electricity suppliers to provide a “uniform disclosure label” that informs residential and small commercial Standard Offer customers about the price, power sources, and air emissions of their electric service.

Power Sources	Your Mix	New England Mix
<i>Resources meeting Maine's 30% renewable and efficient resources requirement</i>		
Biomass	11.3%	} 6.3%
Municipal Trash	2.3	
Hydro	6.7	4.9
Small Generation	2.3	0.6
Efficient resources <sup>2</sup>	9.6	
<i>Other resources</i>		
Nuclear	27.5	28.3
Gas	19.1	22.3
Oil	14.8	20.8
Coal	6.4	16.8
Total	100.0%	100.0%

Your Standard Offer Provider is:  
**Constellation Power Source Maine, LLC.**

Your Energy Price is:  
**4.95 cents per kilowatt-hour**

## Air Emissions

This table compares air emissions from your Standard Offer supply mix to average emission levels from all New England power sources (in pounds per megawatt-hour).

	Your Mix	New England Mix
<b>Carbon dioxide (CO<sub>2</sub>)</b>	747.1	780.0
<b>Nitrogen oxide (NO<sub>x</sub>)</b>	1.9	1.5
<b>Sulfur dioxide (SO<sub>2</sub>)</b>	2.8	3.9

## Information provided and required by the Maine Public Utilities Commission

The actual electricity you use is indistinguishable from the electricity used by your friends and neighbors. There is no way to identify the actual power plant that produced the electricity you consume in your home because everyone in New England is served through the same transmission and distribution system. However, it is possible to track the dollars you pay for electricity. Your electricity dollars support electricity generation from various energy resources in the proportions listed above under **Power Sources**, Your Mix. Since the electricity you consumed may have been generated within New England but outside the state of Maine, the New England Mix column is provided as a comparison and represents the breakdown of sources generating electricity for all of New England. Small Generation consists of power plants that generate under 5 MW of electricity, and are primarily small hydroelectric, wind, and solar renewable generation facilities.

As part of the 1997 Act to Restructure Maine's Electric Industry, MPUC Chapter 311 requires Maine retail electricity providers to provide no less than 30% of their total annual kilowatt-hour sales with electric energy generated from eligible resources. Either a renewable resource or an efficient resource must generate the energy used to satisfy this requirement. Efficient resources are fossil fuels (i.e., gas, coal, oil) used to produce electricity for use by homes and businesses and thermal energy for use by businesses. The percentage of these facilities in the New England Mix is unavailable at this time. These facilities are therefore included in their respective fossil fuel categories for the New England Mix.

**Your Energy Price** is the price you pay for the energy supplied by the Standard Offer Provider, Constellation Power Source Maine LLC. Central Maine Power Company charges you separately for delivering this energy to you.

**Air Emissions** for each of the following pollutants are presented for your mix and the New England average mix. Carbon Dioxide (CO<sub>2</sub>) is released when certain fuels are burned. It is considered a greenhouse gas and a major contributor to global warming. Nitrogen Oxides (NO<sub>x</sub>) form when certain fuels are burned at high temperatures. They are considered contributors to acid rain and ground-level ozone (or smog). Sulfur Dioxide (SO<sub>2</sub>) is formed when fuels containing sulfur are burned. Major health effects associated with SO<sub>2</sub> include asthma, respiratory illness and aggravation of existing cardiovascular disease. The production of electricity can produce other harmful emissions and have other environmental impacts. Environmental impacts differ among individual power plants.

If you have questions or need further explanation, contact Constellation Power Source Maine LLC at 1-888-808-3826 or the Maine Public Utilities Commission at 1-877-782-3228. Additional information can also be found at <http://www.state.me.us/mpuc>.