

# Disclosure Label

Electric Power Suppliers are required by the Department of Telecommunications and Energy (DTE) 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.



## Electricity Facts Cape Light Compact Cape Light Compact Green 50%<sup>SM</sup>



<b>Generation Price</b> Prices do not include regulated charges for customer service and delivery.	Cape Light Compact Green 50% <sup>SM</sup> is 13.600 cents per kWh for residential customers, 14.180 cents per kWh for small commercial and industrial customers, and 8.890 cents per kWh for medium and large commercial and industrial customers (July 2009-October 2009).																																																																				
<b>Contract</b>	You may opt out of Cape Light Compact Green 50% <sup>SM</sup> with no fee at any time by calling the Cape Light Compact at 1-800-381-9192.																																																																				
<b>Power Sources</b>  The information contained in this label is based on the projected performance for the first 6 months of Cape Light Compact Green 50% <sup>SM</sup> . Actual performance data will be reported once such data is available.  1. The Compact reserves the right to substitute all or some landfill gas certificates with wind certificates from land-based wind projects expected to come online in 2009.	<table border="1"> <thead> <tr> <th>Power Source</th> <th>Known Resources</th> <th>System Power</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td><b>Hydro: Run of River</b></td> <td>35%</td> <td>0.5%</td> <td>35%</td> </tr> <tr> <td>Gas</td> <td>0%</td> <td>15.25%</td> <td>15.25%</td> </tr> <tr> <td><b>Landfill Gas/Wind<sup>1</sup></b></td> <td>14%</td> <td>0%</td> <td><b>14%</b></td> </tr> <tr> <td>Nuclear</td> <td>0%</td> <td>13.3%</td> <td>13.3%</td> </tr> <tr> <td>Coal</td> <td>0%</td> <td>5.95%</td> <td>5.95%</td> </tr> <tr> <td>Oil/Gas</td> <td>0%</td> <td>5.05%</td> <td>5.05%</td> </tr> <tr> <td>Oil</td> <td>0%</td> <td>2.8%</td> <td>2.8%</td> </tr> <tr> <td>Wood/Refuse</td> <td>0%</td> <td>1.8%</td> <td>1.8%</td> </tr> <tr> <td>Hydro: Pump Storage</td> <td>0%</td> <td>1.65%</td> <td>1.65%</td> </tr> <tr> <td>Other: System Mix</td> <td>0%</td> <td>1.4%</td> <td>1.4%</td> </tr> <tr> <td><b>Solar</b></td> <td>1%</td> <td>0%</td> <td><b>1%</b></td> </tr> <tr> <td>Hydro: Pondage</td> <td>0%</td> <td>0.75%</td> <td>0.75%</td> </tr> <tr> <td>Coal/Oil</td> <td>0%</td> <td>0.65%</td> <td>0.65%</td> </tr> <tr> <td>Refuse</td> <td>0%</td> <td>0.6%</td> <td>0.6%</td> </tr> <tr> <td>Small Generation</td> <td>0%</td> <td>0.3%</td> <td>0.3%</td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>50%</b></td> <td><b>50%</b></td> <td><b>100%</b></td> </tr> </tbody> </table>	Power Source	Known Resources	System Power	Total	<b>Hydro: Run of River</b>	35%	0.5%	35%	Gas	0%	15.25%	15.25%	<b>Landfill Gas/Wind<sup>1</sup></b>	14%	0%	<b>14%</b>	Nuclear	0%	13.3%	13.3%	Coal	0%	5.95%	5.95%	Oil/Gas	0%	5.05%	5.05%	Oil	0%	2.8%	2.8%	Wood/Refuse	0%	1.8%	1.8%	Hydro: Pump Storage	0%	1.65%	1.65%	Other: System Mix	0%	1.4%	1.4%	<b>Solar</b>	1%	0%	<b>1%</b>	Hydro: Pondage	0%	0.75%	0.75%	Coal/Oil	0%	0.65%	0.65%	Refuse	0%	0.6%	0.6%	Small Generation	0%	0.3%	0.3%	<b>TOTAL</b>	<b>50%</b>	<b>50%</b>	<b>100%</b>
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**NOTES**

- 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 Cape Light Compact Green<sup>SM</sup>. The above information is based on information from contracted renewable energy generators.
- You may call the Cape Light Compact at 1-800-381-9192 or the Massachusetts Department of Energy Resources at 1-617-626-7300.

## **Cape Light Compact Green 50%<sup>SM</sup>**

*Cape Light Compact Green 50%<sup>SM</sup>* matches half of your electricity use with cleaner, renewable resources. The information contained in this label is based on the projected performance for the first 6 months of *Cape Light Compact Green 50%<sup>SM</sup>*. Actual performance data will be reported once such data is available.

### **Definitions**

#### **GENERATION PRICE AND CONTRACT:**

*Cape Light Compact Green 50%<sup>SM</sup>* costs are listed on page 1 of the Disclosure Label under "Generation Price." Customers may opt out of *Cape Light Compact Green 50%<sup>SM</sup>* at any time by calling 1-800-381-9192. There will be no fee to opt out.

#### **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. The Cape Light Compact is responsible for purchasing power attributes in an amount equivalent to your electricity use. Known Resources include resources that are owned by, or under contract to the Cape Light Compact. System Power represents power purchased in the regional electricity market. Landfill Gas refers to gas generated by decomposition of organic material at landfill disposal sites. Hydro resources of less than 30 megawatts in size are deemed "small hydro". Solar refers to photovoltaic panels and wind refers to wind turbines.

#### **EMISSIONS:**

Emissions for each of the following pollutants are presented as a percent of the regional average emission rate. Arrows represent, for each pollutant, the emission rate from a hypothetical new generation facility.

**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. 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.

#### **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**

Cape Light Compact: 1-800-381-9192

Department of Energy Resources (Executive Office of Energy and Environmental Affairs)

1-617-626-7300 Website:

<http://www.mass.gov/?pageID=eoeeahomepage&L=1&L0=Home&sid=Eoeea>

Department of Public Utilities (Executive Office of Energy and Environmental Affairs):

1-617-305-3500 Website:

<http://www.mass.gov/?pageID=eoeeahomepage&L=1&L0=Home&sid=Eoeea>