

# Electricity Facts

## TransCanada Power Marketing Ltd.

### Massachusetts

### January 2019

Competitive Suppliers are required by the Massachusetts Department of Public Utilities to provide customers with an information disclosure label. The purpose of the label is to ensure that customers are presented with consistent information by which to evaluate services offered by Competitive Suppliers and Distribution Companies.

|  |                       |  |            |            |            |
|--|-----------------------|--|------------|------------|------------|
| <b>Generation Price</b><br>Average price per kWh at different levels of use. Prices do not include regulated charges for customer service and delivery | Average Use per Month | 1,000 kWh  | 10,000 kWh | 20,000 kWh | 40,000 kWh |
|  | Average Price per kWh | Please refer to your Purchased Power Agreement for contract prices. Your average electricity price may vary by time of use. See your most recent invoice for your monthly use. |            |            |            |

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|-----------------|---|
| <b>Contract</b> | Please refer to your Purchased Power Agreement for prices and terms for Generation Service. |
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|--|-----------------------------|------------------------|---------------------|--------------|
| <b>Power Sources</b><br>This electricity product in the period 7/1/17 to 6/30/18 was assigned generation from the following sources: | <b>Power Source</b>         | <b>Known Resources</b> | <b>System Power</b> | <b>Total</b> |
|  | Biomass                     | 0.0%                   | 0.1%                | 0.1%         |
|  | Coal                        | 0.0%                   | 8.1%                | 8.1%         |
|  | Hydro: Large                | 4.7%                   | 0.4%                | 5.1%         |
|  | Hydro: Small                | 0.0%                   | 0.0%                | 0.0%         |
|  | Imported Power              | 0.0%                   | 0.0%                | 0.0%         |
|  | Landfill Gas                | 0.0%                   | 0.0%                | 0.0%         |
|  | Low Impact Hydro Institute* | 0.0%                   | 0.0%                | 0.0%         |
|  | Municipal Trash             | 4.5%                   | 0.2%                | 4.7%         |
|  | Natural Gas                 | 0.0%                   | 53.7%               | 53.7%        |
|  | Nuclear                     | 0.0%                   | 10.8%               | 10.8%        |
|  | Oil (inc. Diesel & Jet)     | 0.0%                   | 13.3%               | 13.3%        |
|  | Other                       | 0.0%                   | 0.0%                | 0.0%         |
|  | Other Renewable             | 0.0%                   | 0.0%                | 0.0%         |
|  | Solar                       | 2.3%                   | 0.1%                | 2.4%         |
| Wind   | 1.9%                        | 0.0%                   | 1.9%                |              |
| <b>Total</b>   | <b>13.42%</b>               | <b>86.58%</b>          | <b>100.0%</b>       |              |

|  |                       |  |                                      |  |                           |
|--|-----------------------|--|--------------------------------------|--|---------------------------|
| <b>Air Emissions</b><br>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>TCPM Resource Portfolio (lbs/MWh)</b> | <b>New England Average (lbs/MWh)</b> | <b>TCPM Portfolio as % of Regional Average</b> | <b>New Unit (lbs/MWh)</b> |
|  | <b>CO<sub>2</sub></b> | 870.7                                    | 786.15                               | 111%   | 760                       |
|  | <b>NO<sub>x</sub></b> | 1.37                                     | 1.02                                 | 134%   | 0.06                      |
|  | <b>SO<sub>2</sub></b> | 2.53                                     | 1.77                                 | 143%   | 0.02                      |

|                          |  |
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| <b>Labor Information</b> | 35% of the electricity from Known Resources came from power sources with union contracts or that used replacement labor during disputes between 7/1/17 and 6/30/18. It is not known what percentage of the electricity from System Power came from power sources with union contracts. |
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| <b>Customer Service</b> | For questions about your invoice, please call (877) 432-4530. For all other inquiries, contact your business representative directly or call Matthew Davies, TransCanada Corporation, at (403) 920-2038. |
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\*Low Impact Hydro Institute (LIHI) certification means that these plants meet or exceed rigorous criteria in eight key areas: river flows, water quality, fish passage and protection, watershed protection, threatened and endangered species protection, cultural resource protection, recreation, and facilities recommended for removal.