

## Ontario's System-Wide Electricity Supply Mix: 2022 Data

*Electricity Retailing – Disclosure to Consumers*, O. Reg. 416/99, requires retailers to disclose to consumers the Ontario system-wide electricity supply mix in the manner established by the Ontario Energy Board. The OEB's *Directive for the Disclosure of Information to Consumers by Electricity Retailers under Ontario Regulation 416/99* prescribes the manner and timing requirements for this disclosure. The *Directive* applies to all retailers, including distributors that provide standard supply service.

Under O. Reg. 416/99 the Ministry of Energy is responsible for providing Ontario's electricity supply mix data for electricity suppliers. The following table discloses the system-wide electricity supply mix data for 2022. This data must be used by electricity suppliers for the purposes of complying with the disclosure obligations of O. Reg. 416/99 and the *Directive*. This data should be considered current until further notice.

<b>2022 Electricity Facts</b>	
<b><i>Electricity sources</i></b>	<b><i>Ontario's Electricity Mix</i></b>
Nuclear Energy	51.0%
Waterpower	25.1%
Natural Gas*	10.2%
Wind	9.9%
Solar PV	2.5%
Bioenergy	0.4%
Other (non-emitting) **	0.9%
<p>* Includes Lennox, dual fuel (natural gas/bioenergy) and non-contracted emitting generation consistent with IESO.</p> <p>** Other represents a variety of non-contracted fuel types that the IESO is unable to categorize due to a lack of information from Local Distribution Companies (LDCs).</p> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. Figures may not add to 100% due to rounding.</li> <li>2. Figures do not account for the sale and retirement of Clean Energy Credits (CECs).</li> </ol>	

To fulfill the requirements of the Regulation, the OEB presents the information in percentages. To support the changes the IESO has made to the presentation of their distribution-connected data, the supply mix data in the table below is also presented in Terawatt-hours (TWh).

## 2022 Electricity Facts

### Ontario's Electricity Mix (System-Wide Generation in terawatt-hour - TWh)

<b>Electricity Source</b>	<b>Tx-Connected (direct)</b>	<b>Dx-Connected (embedded)</b>	<b>Total</b>
Nuclear	78.80	-	78.80
Water Power	38.00	0.76	38.76
Natural Gas*	15.20	0.56	15.76
Wind	13.80	1.57	15.37
Solar PV	0.75	3.07	3.82
Bioenergy	0.30	0.31	0.61
Other (non-emitting)**	0.01	1.44	1.45
<b>Total</b>	<b>146.86</b>	<b>7.71</b>	<b>154.57</b>

\* Includes Lennox, dual fuel (natural gas/bioenergy) and non-contracted emitting generation consistent with IESO.

\*\* Other represents a variety of non-contracted fuel types that the IESO is unable to categorize due to a lack of information from Local Distribution Companies (LDCs).

**Note:**

1. Components may not sum to the total due to rounding.
2. Figures do not account for the sale and retirement of Clean Energy Credits (CECs).

March 31, 2023