

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.

2022 Electricity Facts	
<i>Electricity sources</i>	<i>Ontario's Electricity Mix</i>
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>Note:</p> <ol style="list-style-type: none"> 1. Figures may not add to 100% due to rounding. 2. Figures do not account for the sale and retirement of Clean Energy Credits (CECs). 	

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)

Electricity Source	Tx-Connected (direct)	Dx-Connected (embedded)	Total
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
Total	146.86	7.71	154.57

* 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).

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