

Ontario's System-Wide Electricity Supply Mix: 2024 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 Board'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 and Mines 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 2024. 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.

2024 Electricity Facts	
<i>Electricity sources</i>	<i>Ontario's Electricity Mix</i>
Nuclear Energy	48.5 %
Waterpower	23.4 %
Natural Gas*/Oil/Other	16.6 %
Wind	9.0 %
Solar	2.2 %
Bioenergy	0.4 %
<p>* Includes Lennox, dual fuel (natural gas/bioenergy) and non-contracted emitting generation consistent with IESO.</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 Independent Electricity System Operator (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).

2024 Electricity Facts

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

Electricity Source	Tx-Connected (direct)	Dx-Connected (embedded)	Total
Nuclear	80.00	-	80.00
Waterpower	37.80	0.80	38.60
Natural Gas*/Oil/Other	24.70	2.70	27.40
Wind	13.40	1.40	14.80
Solar	0.70	2.90	3.70
Bioenergy	0.30	0.20	0.60
Total	156.90	8.10	165.00

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

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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