

Ontario's System-Wide Electricity Supply Mix: 2019 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 is responsible for providing Ontario's electricity supply mix data for electricity suppliers. The following label discloses the system-wide electricity supply mix data for 2019. 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.

Electricity Facts	
<i>Electricity sources</i>	<i>Ontario's Electricity Mix*</i>
Nuclear Energy	58.2%
Water Power	24.0%
Natural Gas*	6.1%
Wind	8.2%
Solar PV	2.4%
Bioenergy**	0.5%
Non-Contracted***	0.6%
<p>* Includes Lennox and dual fuel (natural gas/bioenergy) consistent with IESO. ** IESO's embedded generation data set combines biomass and gas. *** Non-Contracted represents a variety of fuel types that the IESO is unable to categorize due to a lack of information from Local Distribution Companies (LDCs).</p> <p>Note: Figures may not add to 100% due to rounding.</p>	

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).

Electricity Facts

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

Electricity Source	Tx-Connected (direct)	Dx-Connected (embedded)	Total
Nuclear	90.4	-	90.4
Water Power	36.4	0.8	37.2
Natural Gas*	9.5	-	9.5
Wind	11.0	1.7	12.7
Solar PV	0.7	3.0	3.7
Bioenergy**	0.4	0.4	0.8
Non-Contracted***	-	0.9	0.9
Total	148.4	6.8	155.2

* Includes Lennox and dual fuel (natural gas/bioenergy) consistent with IESO.

** IESO's embedded generation data set combines biomass and gas.

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

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