

Ontario's System-Wide Electricity Supply Mix: 2020 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 2020. 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	
Electricity sources	Ontario's Electricity Mix*
Nuclear Energy	56.8%
Water Power	24.4%
Natural Gas*	6.3%
Wind	8.7%
Solar PV	2.4%
Bioenergy**	0.5%
Non-Contracted***	0.9%

* 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).

Note: Figures may not add to 100% due to rounding.

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	87.8	-	87.8
Water Power	36.9	0.9	37.8
Natural Gas*	9.7	-	9.7
Wind	11.8	1.6	13.4
Solar PV	0.7	3.0	3.8
Bioenergy**	0.4	0.3	0.7
Non-Contracted***	-	1.4	1.4
Total	147.4	7.3	154.7

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

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

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