

Ontario's System-Wide Electricity Supply Mix: 2018 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 2018. 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 | 58.4% |
| Water Power | 23.9% |
| Natural Gas* | 6.2% |
| Wind | 8.0% |
| Solar PV | 2.3% |
| Bioenergy** | 0.5% |
| Non-Contracted*** | 0.8% |
| <p>* Includes Lennox, dual fuel (ng/bio) consistent with IESO. ** IESO's embedded generation data set merges 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-hour (TWh).

Electricity Facts

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

| Electricity Source | Tx-Connected (direct) | Dx-Connected (embedded) | Total |
|---------------------------|----------------------------------|------------------------------------|--------------|
| Nuclear | 90.1 | - | 90.1 |
| Water Power | 36.2 | 0.73 | 36.93 |
| Natural Gas* | 9.6 | - | 9.6 |
| Wind | 10.7 | 1.6 | 12.3 |
| Solar PV | 0.6 | 2.89 | 3.49 |
| Bioenergy** | 0.4 | 0.38 | 0.78 |
| Non-Contracted*** | - | 1.2 | 1.2 |
| Total | 147.6 | 6.8 | 154.4 |

* Includes Lennox, dual fuel (ng/bio) consistent with IESO.

** IESO's embedded generation data set merges 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).

June 28, 2019