

# Micro-generation in Alberta

Under the current *Micro-generation Regulation*, Alberta supports the development of simple, safe and reliable micro-generation technologies for domestic use. This regulation allows Albertans to generate their own electricity from small (Less than 5 MW) alternative and renewable sources of energy and receive credit for any power they send to the electricity grid. Technologies may include: solar photovoltaic, solar/wind combined systems, micro-wind turbines, small hydro systems, small gas turbines, biomass, pump jacks, and waste heat recovery systems.

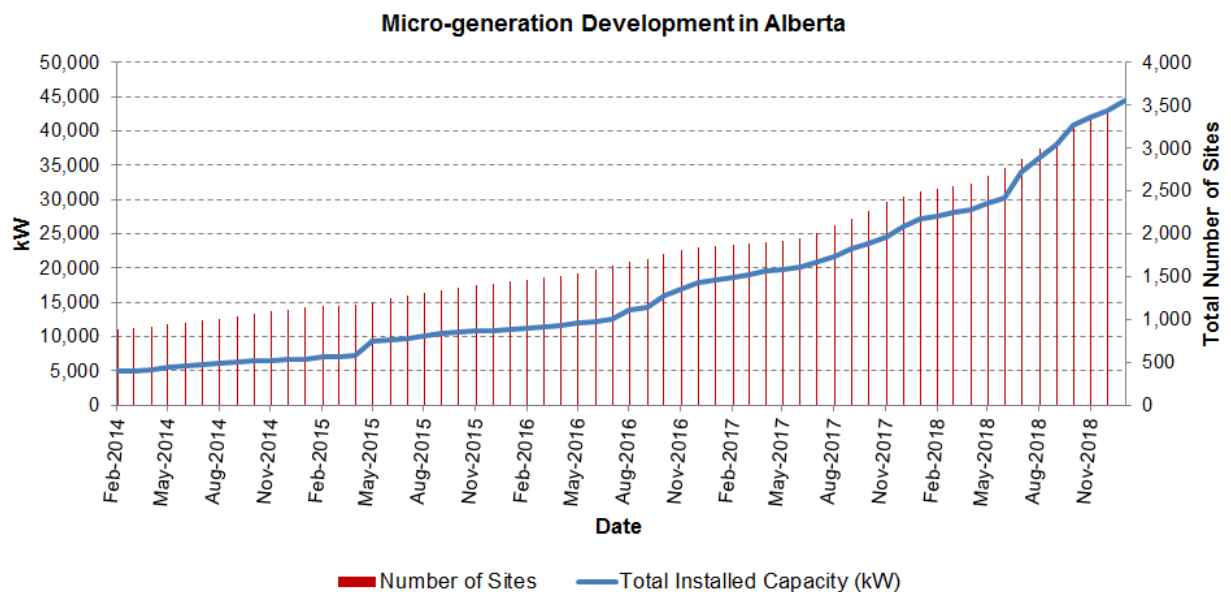
The *Micro-generation in Alberta* report contains the number of sites and total installed capacity of micro-generation by technology type. This report is updated on a quarterly basis.

Further information on micro-generation can be found on the [Alberta Utilities Commission](http://www.auc.ab.ca) website.

**Table 1: Micro-generation by Type**

February-2019	Solar	Solar/Wind	Wind	Other	Natural Gas	NG CO-GEN	Solar/NG	Total
<b>Number of Sites</b>	3,374	29	62	8	1	2	1	3,477
<b>Total Installed Capacity (kW)</b>	39,478	195	911	253	305	1,080	2,173	44,395

**Figure 1: Micro-generation Development in Alberta**



Comments or questions can be directed to [forecast@aeso.ca](mailto:forecast@aeso.ca)

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Capacity: Represents the generator rated capacity (KW) as reported by the Wire Service Provider (WSP).

Type: Represents the generator type as reported by the WSP.

Date: Represents the commissioning start and stop dates issued by the WSP in the Micro-generation retailer notification transaction files as outlined in the Settlement System Code AUC Rule 021