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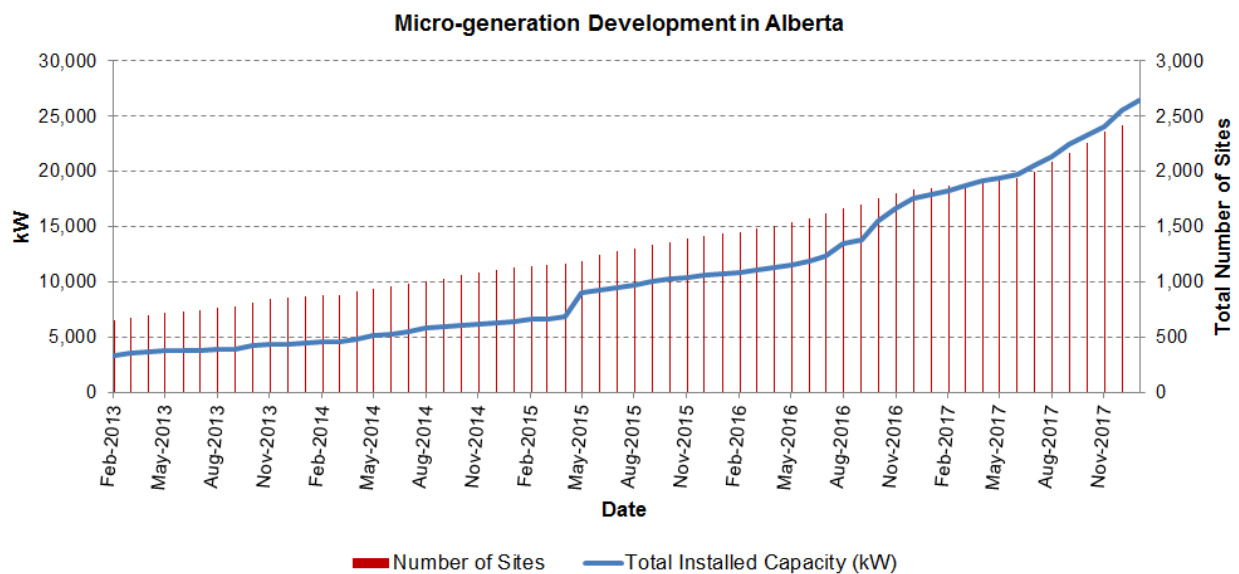
The *Micro-generation in Alberta* report contains the number of sites and total installed capacity of micro-generation by technology type. This report is updated on a quarterly basis.

Further information on micro-generation can be found on the Alberta Utilities Commission website.

Table 1: Micro-generation by Type

February-2018	Solar	Solar/Wind	Wind	Other	Natural Gas	NG CO-GEN	Total
Number of Sites	2,362	29	63	8	1	1	2,464
Total Installed Capacity (kW)	23,992	195	912	253	305	847	26,504

Figure 1: Micro-generation Development in Alberta

Comments or questions can be directed to 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