

FIT Program Overview

The Independent Electricity System Operation (“IESO”), at the time Ontario Power Authority (“OPA”), was tasked by the Ontario government with developing and administering the feed-in-tariff Program (“FIT Program”) in 2009. The FIT Program was developed to encourage and promote the development of renewable energy sources including wind, waterpower, bioenergy and solar for the generation of electricity in Ontario. The FIT Program pays private suppliers of renewable energy on a per unit basis to “feed-in” energy to Ontario’s electricity grid. They are paid standard or tariff rates.

Rather than a typical tendering process in which bidders compete on price in order to be awarded a contract, the FIT Program was created as a standard offer procurement where the total amount of capacity to be acquired is set and successful applicants are offered standard contracts with standard pricing. A set of standardized rules were developed – and amended from time to time – to govern the application and standard offer process of the FIT Program (the “**FIT Rules**”). Standardized FIT contracts and pricing schedules were also developed and adopted. The FIT Rules dictate who is eligible to receive a FIT Contract and how available transmission capacity is allocated.

In total there were five generations of the FIT Program since its launch in 2009, commonly referred to as FIT 1, FIT 2, FIT 3, FIT 4, and FIT 5. Commencing with FIT 2 and for all versions thereafter, the maximum size of project procured was 500 kW.

Summary of FIT Project Information

Standard offer pricing will vary from contract to contract because of differences in the FIT Price Schedule across fuel types and versions, eligibility for price adders (e.g. Aboriginal projects), and levels of escalation pre- and post- commercial operation applied to the contract price.

Active FIT Contracts in Commercial Operation (as of August 1, 2018)					
FIT Program Generation	Fuel Type	# of Active Contracts	Price Range cents/kWh	Commercial Operation Date	Standard Term Length
FIT 1	Biogas	19	17 - 18	April 2010 - November 2015	20 years
	Biogas (On-Farm)	11	20 - 22	April 2010 - November 2015	20 years
	Landfill Gas	4	11 - 13	April 2010 - May 2013	20 years
	Renewable Biomass	1	14 - 15	June 2015	20 years
	Solar (PV) (Ground Mounted)	143	44 - 48	March 2011 - February 2016	20 years
	Solar (PV) (Rooftop)	1255	54 - 72	June 2010 - August 2016	20 years
	Waterpower	11	14 - 16	February 2013 - August 2017	40 years
	Wind (On-Shore)	49	14 - 17	October 2010 - June 2018	20 years
FIT 2	Biogas	3	16 - 19	July 2015 - July 2018	20 years
	Biogas (On-Farm)	4	16 - 21	April 2015 - April 2018	20 years
	Solar (PV) Non-Rooftop	792	29 - 81	September 2014 - March 2018	20 years
	Solar (PV) (Rooftop)	74	53 - 81	March 2014 - May 2018	20 years
	Wind (On-Shore)	2	10 - 12	September 2017 - February 2018	20 years
FIT 3	Solar (PV) Non-Rooftop	44	28 - 31	October 2016 - June 2018	20 Years
	Solar (PV) (Rooftop)	452	31 - 35	July 2015 - Mar 2018	20 Years
FIT 4	Solar (PV) Non-Rooftop	2	21 - 22	May 2018	20 Years
	Solar (PV) (Rooftop)	137	19 - 25	February 2017 - July 2018	20 Years
	Wind (On-Shore)	1	12 - 13	May 2017	20 Years
FIT 5	Solar (PV) (Rooftop)	2	20 - 21	April 2018	20 Years

Active FIT Contracts Under Development (as of August 1, 2018)					
FIT Program Generation	Fuel Type	# of Active Contracts	Price Range cents/kWh	Commercial Operation Date	Standard Term Length
FIT 1	Waterpower	14	14 - 16	n/a	40 years
	Wind (On-Shore)	1	16 - 17	n/a	20 years
FIT 3	Solar (PV) (Ground Mounted)	72	28 - 31	n/a	20 Years
FIT 4	Biogas (On-Farm)	8	17 - 27	n/a	20 Years
	Solar (PV) Non-Rooftop	59	19 - 23	n/a	20 Years
	Solar (PV) (Rooftop)	106	19 - 25	n/a	20 Years
FIT 5	Biogas (On-Farm)	2	17 - 20	n/a	20 Years
	Solar (PV) Non-Rooftop	29	17 - 20	n/a	20 Years
	Solar (PV) (Rooftop)	6	18 - 22	n/a	20 Years