

# Plant Summary

As of January 2019	Facility	Installed capacity(MW) <sup>(1)</sup>	Ownership (%)	Owned capacity (MW) <sup>(1)(2)</sup>	Region	Revenue source	Contract expiry date
Coal 12 facilities	Sundance, AB	1,581	100%	1,581	Western Canada	Merchant <sup>(3)</sup>	—
	Keephills, AB	790	100%	790	Western Canada	Alberta PPA <sup>(4)</sup> / Merchant <sup>(5)</sup>	2020
	Keephills 3, AB	463	50%	232	Western Canada	Merchant	—
	Genesee 3, AB	466	50%	233	Western Canada	Merchant	—
	Sheerness, AB	790	25%	198	Western Canada	Alberta PPA / Merchant <sup>(6)</sup>	2020
	Centralia, WA	1,340	100%	1,340	United States	LTC <sup>(7)</sup> /Merchant	2020-2025 <sup>(8)</sup>
<b>Total Coal</b>		<b>5,430</b>		<b>4,373</b>			
Gas 11 facilities	Poplar Creek, AB <sup>(9)</sup>	230	100%	230	Western Canada	LTC	2030
	Fort Saskatchewan, AB	118	30%	35	Western Canada	LTC	2029
	Sarnia, ON*	499	100%	499	Eastern Canada	LTC	2022-2025
	Ottawa, ON	74	50%	37	Eastern Canada	LTC / Merchant	2017-2033
	Windsor, ON	72	50%	36	Eastern Canada	LTC / Merchant	2031
	Parkeston, WA <sup>(11)</sup>	110	50%	55	Australia	LTC	2026
	Southern Cross, WA <sup>(10)(11)</sup>	245	100%	245	Australia	LTC	2023
South Hedland, WA <sup>(11)</sup>	150	100%	150	Australia	LTC	2042	
<b>Total Gas</b>		<b>1,498</b>		<b>1,287</b>			
Wind 21 facilities	Summerview 1, AB*	70	100%	70	Western Canada	Merchant	—
	Summerview 2, AB*	66	100%	66	Western Canada	Merchant	—
	Ardenville, AB*	69	100%	69	Western Canada	Merchant	—
	Blue Trail, AB*	66	100%	66	Western Canada	Merchant	—
	Castle River, AB* <sup>(12)</sup>	44	100%	44	Western Canada	Merchant	—
	McBride Lake, AB*	75	50%	38	Western Canada	LTC	2024
	Soderglen, AB*	71	50%	35	Western Canada	Merchant	—
	Cowley North, AB*	20	100%	20	Western Canada	Merchant	—
	Sinnott, AB*	7	100%	7	Western Canada	Merchant	—
	Macleod Flats, AB*	3	100%	3	Western Canada	Merchant	—
	Melancthon, ON* <sup>(13)</sup>	200	100%	200	Eastern Canada	LTC	2026-2028
	Wolfe Island, ON*	198	100%	198	Eastern Canada	LTC	2029
	Kent Breeze, ON*	20	100%	20	Eastern Canada	LTC	2031
	Kent Hills, NB*	167	83%	139	Eastern Canada	LTC	2035
	Le Nordais, QC*	98	100%	98	Eastern Canada	LTC	2033
	New Richmond, QC*	68	100%	68	Eastern Canada	LTC	2033
	Wyoming Wind, WY*	144	100%	144	United States	LTC	2028
Lakeswind, MN*	50	100%	50	United States	LTC	2034	
<b>Total Wind</b>		<b>1,434</b>		<b>1,332</b>			
Solar 1 facility	Mass Solar, MA* <sup>(14)</sup>	21	100%	21	United States	LTC	2032-2035
<b>Total Solar</b>		<b>21</b>		<b>21</b>			
Hydro 27 facilities	Brazeau, AB	355	100%	355	Western Canada	Alberta PPA	2020
	Bighorn, AB	120	100%	120	Western Canada	Alberta PPA	2020
	Sprav, AB	112	100%	112	Western Canada	Alberta PPA	2020
	Ghost, AB	54	100%	54	Western Canada	Alberta PPA	2020
	Rundle, AB	50	100%	50	Western Canada	Alberta PPA	2020
	Cascade, AB	36	100%	36	Western Canada	Alberta PPA	2020
	Kananaskis, AB	19	100%	19	Western Canada	Alberta PPA	2020
	Bears paw, AB	17	100%	17	Western Canada	Alberta PPA	2020
	Pocaterra, AB	15	100%	15	Western Canada	Merchant	—
	Horseshoe, AB	14	100%	14	Western Canada	Alberta PPA	2020
	Barrier, AB	13	100%	13	Western Canada	Alberta PPA	2020
	Taylor, AB*	13	100%	13	Western Canada	Merchant	—
	Interlakes, AB	5	100%	5	Western Canada	Alberta PPA	2020
	Belly River, AB*	3	100%	3	Western Canada	Merchant	—
	Three Sisters, AB	3	100%	3	Western Canada	Alberta PPA	2020
	Waterton, AB*	3	100%	3	Western Canada	Merchant	—
	St. Marv, AB*	2	100%	2	Western Canada	Merchant	—
	Upper Mamquam, BC*	25	100%	25	Western Canada	LTC	2025
	Pingston, BC*	45	50%	23	Western Canada	LTC	2023
	Bone Creek, BC*	19	100%	19	Western Canada	LTC	2031
	Akolkolex, BC (8)*	10	100%	10	Western Canada	LTC	2045
	Ragged Chute, ON*	7	100%	7	Eastern Canada	LTC	2029
	Misema, ON*	3	100%	3	Eastern Canada	LTC	2027
Galetta, ON*	2	100%	2	Eastern Canada	LTC	2030	
Appleton, ON*	1	100%	1	Eastern Canada	LTC	2030	
Moose Rapids, ON*	1	100%	1	Eastern Canada	LTC	2030	
Skookumchuck, WA	1	100%	1	United States	LTC	2020	
<b>Total Hydro</b>		<b>948</b>		<b>926</b>			
<b>Total</b>		<b>9,331</b>		<b>7,939</b>			

\* TransAlta Renewables Inc. facility.

(1) Megawatts are rounded to the nearest whole number; columns may not add due to rounding.

(2) Accounts for 100% of TransAlta Renewables assets. As of December 31, 2018, TransAlta owns approximately 61% of the outstanding shares of TransAlta Renewables.

(3) Merchant capacity refers to uprates on unit 3 (15 MW), unit 4 (53 MW), unit 5 (53 MW) and unit 6 (44 MW).

(4) PPA refers to Power Purchase Arrangement.

(5) Merchant capacity refers to uprates on unit 1 (12 MW) and unit 2 (12 MW).

(6) Merchant capacity refers to uprates on unit 1 (10 MW).

(7) LTC refers to Long-Term Contract.

(8) Contract is in place until 2025; however, one unit is set to retire in 2020.

(9) The Poplar Creek plant is operated by Suncor and ownership of the facility will transfer to Suncor in 2030.

(10) Comprised of four facilities.

(11) Gas/diesel.

(12) Includes seven individual turbines at other locations.

(13) Comprised of two facilities.

(14) Comprised of four ground-mounted projects and four roof-top projects.