

Introduction

The following report provides information on the long-term adequacy of the Alberta electric energy market. The report contains metrics that include tables on generation projects under development and generation retirements, an annual reserve margin with a five-year forecast period at the time of system peak, a two-year daily supply cushion, and a two-year probabilistic assessment of the Alberta Internal Load (AIL). The Long-Term Adequacy (LTA) Metrics provide an assessment and information that can be used to facilitate further assessments of long-term adequacy. This report is updated quarterly in February, May, August, and November. Inquiries on the report can be made at forecast@aeso.ca.

Summary of Installed Capacity and Projects Under Development

Table 1 below summarizes the total capacity of installed generation and generation projects at various stages of development in Alberta. For more information on specific projects, see the Summary of Changes Since Last Report and New Generation and Retirements Metric sections.

Table 1: Summary of capacity of generation and storage projects

Stage	Solar (MW)	Wind (MW)	Storage (MW)	Gas (MW)	Hydro and Other (MW)	Total (MW)
Operational	1,672	5,340	252*	13,681	1,338	22,283
Under construction	2,899	762	225	703	-	4,589
Received AUC approval	2,474	422	404	1,041	-	4,341
Announced	9,934	4,198	4,418	2,701	-	21,251
Total	16,979	10,723	5,299	18,126	1,338	52,465
2-Year Average Alberta Internal Load (AIL) Forecast	10,303					

* Includes hybrid storage

Reserve Margin Metric

The reserve margin has been updated to reflect changes to the project list and the 2024 Long-Term Outlook system load forecast.

Supply Cushion Metric

The forecast supply cushion has been updated to reflect the new time period and updated using the 2024 Long-Term Outlook Alberta Internal Load forecast.

Two-Year Probability of Supply Adequacy Shortfall Metric

New values for the metric have been calculated with Total Energy Not Served equaling 0 MWh. This value is below the 2,060 MWh threshold. The forecast Probability of Supply Adequacy Shortfall has been updated to reflect the new time period and updated using the 2024 Long-Term Outlook Alberta Internal Load forecast.

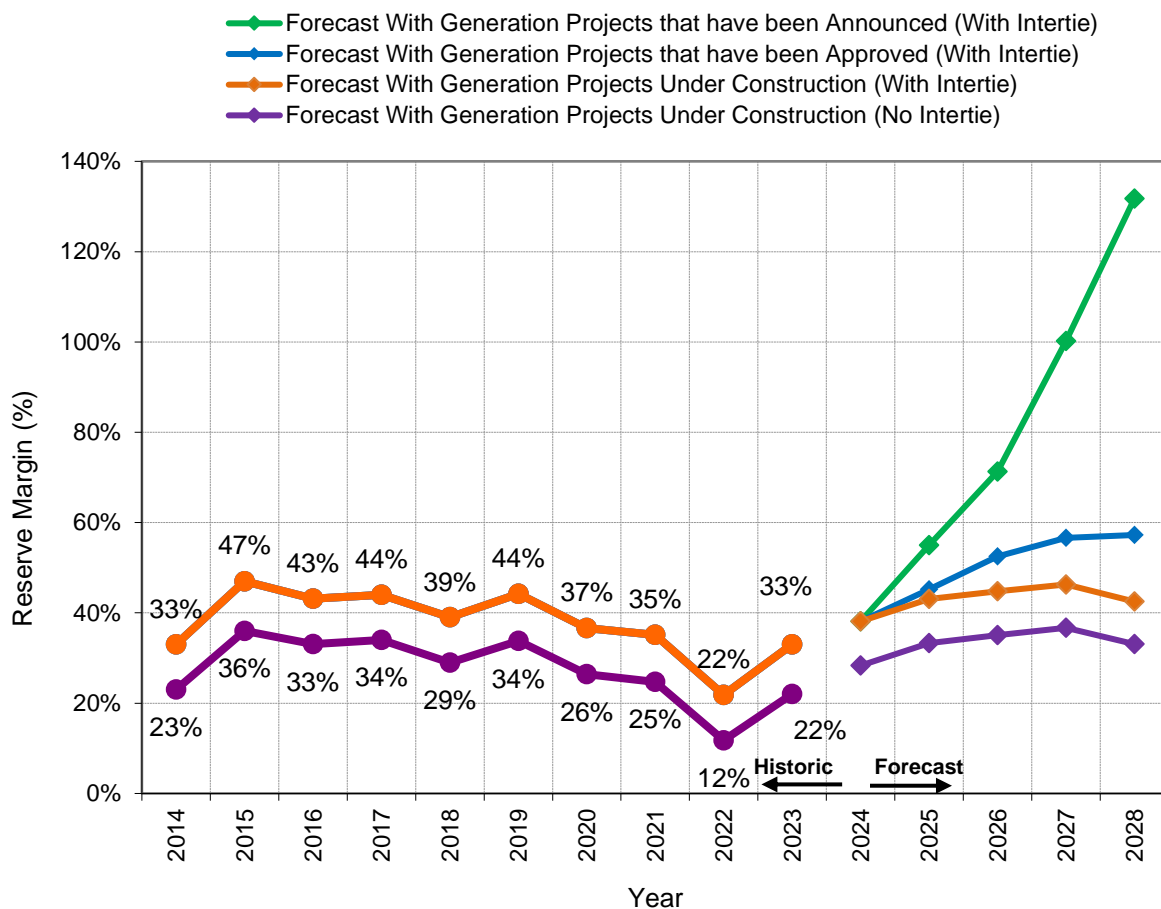
New Generation and Retirements Metric

The new generation and retirements metric has been updated to reflect generation project changes since the previous LTA.

Reserve Margin Metric

The Reserve Margin Metric, shown in Figure 1, presents a comparison of generation supply and demand in Alberta. It is a calculation of the firm generation capacity at the time of system peak that is in excess of the system annual peak demand, expressed as a percentage of the system peak. Information on the annual peak demand within the reserve margin can be found on the Alberta Electric System Operator's [Forecasting](#) web page. Firm generation is defined as installed and future generation capacity, adjusting for seasonal hydro capacity and behind-the-fence demand and generation, and excludes wind and solar capacity. Three forecast reserve margins are presented, each with different future supply additions. The supply additions correspond to the stage of the generation projects in the New Generation Projects and Retirements Metric. The metric is graphed with and without intertie capacity in one reserve margin since full import capability may not always be available at the time of system peak demand.

Figure 1: Alberta Interconnected Electric System (AIES) Reserve Margin, 2014 – 2028



Supply Cushion Metric

The Supply Cushion Metric provides visibility of the Alberta Internal Load’s ability to meet peak demand daily. The supply cushion is the difference between the daily available firm supply minus daily peak demand. Only existing generation and generation under construction are used within the metric. The supply cushion refines the reserve margin calculation by using daily peak rather than annual and incorporates planned outages. Figure 2 presents the estimated daily supply cushion for the next two years. Figure 3 presents daily peak demand and firm supply by fuel type, as well as interties, wind and solar which are not included in the supply cushion calculation due to the intermittent or uncertain nature of the supply. When the supply cushion is negative in Figure 2, there is an increased level of reliance on interties and wind, as indicated in Figure 3.

Figure 2: Alberta Internal Load (AIL) Daily Supply Cushion, November 1, 2024, to October 31, 2026

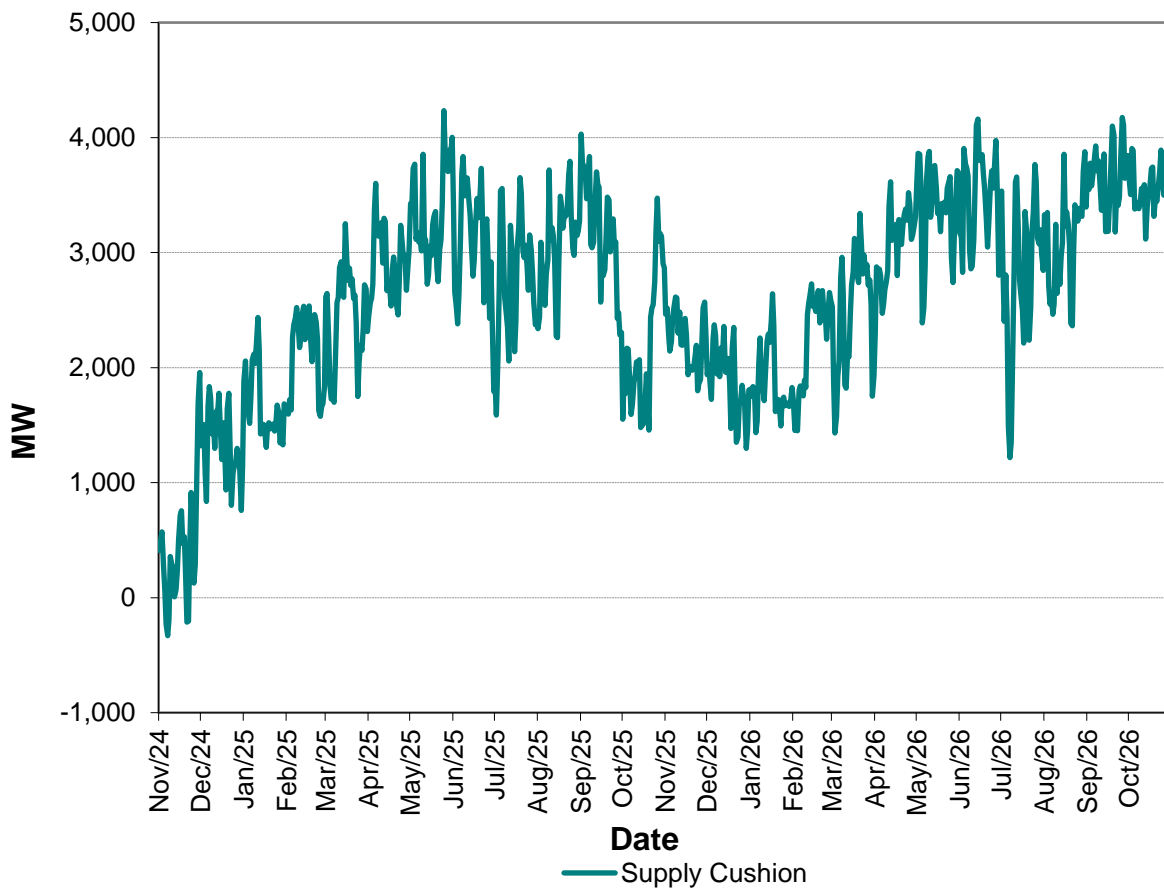
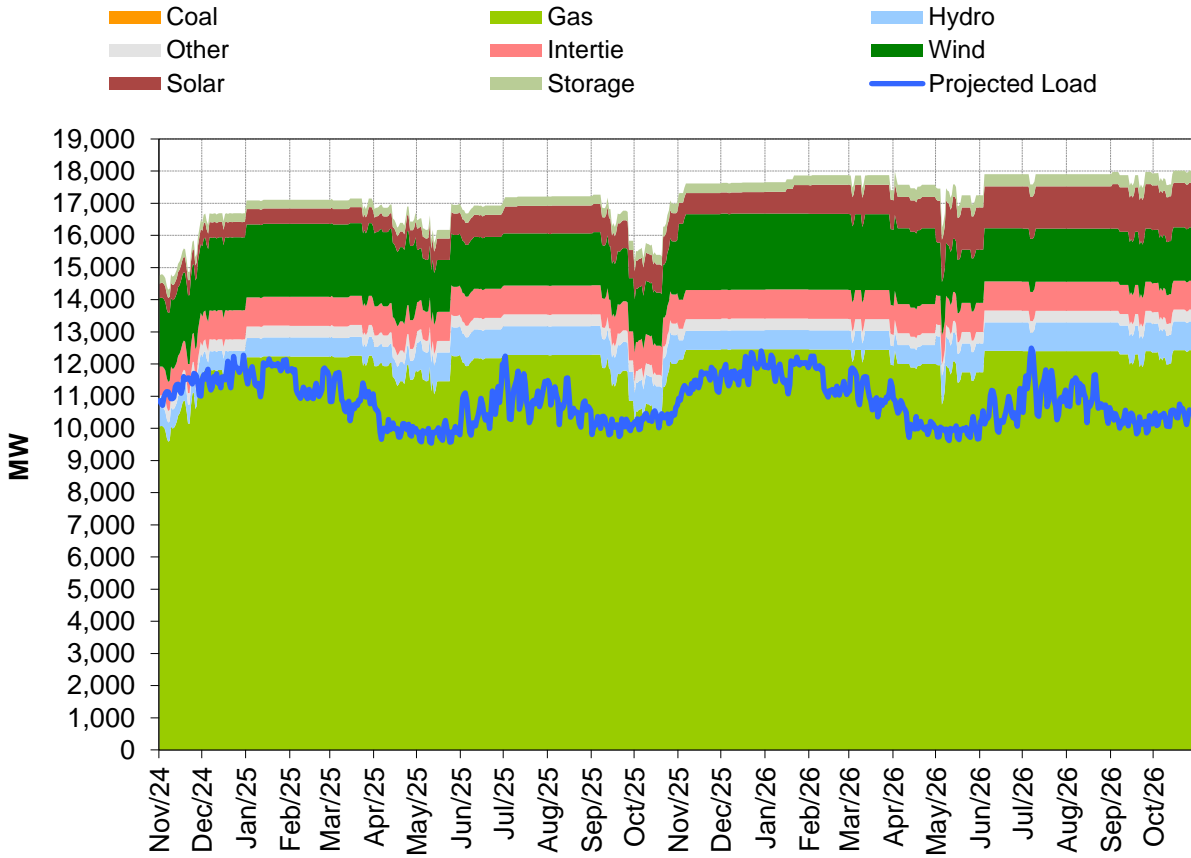


Figure 3: Alberta Internal Load (AIL) Daily Peak Demand and Available Supply November 1, 2024, to October 31, 2026



Outage information as of October 30, 2024

Two Year Probability of Supply Adequacy Shortfall Metric

The Two-Year Probability of Supply Adequacy Shortfall Metric is a probabilistic assessment of encountering a supply shortfall over the next two years. It builds on the Supply Cushion Metric by incorporating the probability of wind production, forced generation outages and generation derates into the calculation of hourly firm supply. The calculation estimates, on a probabilistic basis, how much load may go without supply over the next two-year period. Based on extensive consultation with stakeholders, when this unserved energy exceeds **2,060 MWh** (consistent with ISO rule 202.6, Section 5(1)), the Alberta Electric System Operator may take certain actions to bridge the temporary supply adequacy gap while maintaining investor confidence in the market. The total energy not served shown in Table 2 does not reach the threshold.

Table 2: Two Year Probability of Supply Adequacy Shortfall, November 1, 2024, to October 31, 2026

Worst Shortfall Hour (MW)	# of Hours in Shortfall	Total Energy Not Served (MWh)
0	0	0

Summary of Changes Since Previous Report

Projects completed and removed from list:

- CI IV Buffalo Plains LP Buffalo Plains MPC Wind
- Capital Power Halkirk 2 Wind
- Capital Power Genesee Unit 1 Repower ST (Combined-cycle mode)
- Capital Power Genesee Unit 2 Repower ST (Combined-cycle mode)
- Versorium Energy Ltd. Vermilion 710S DER Gas
- Versorium Energy Ltd. Olds 55S DER Gas
- NU-E Corp. COL Chinook 181S DER Solar
- Keyera Corporation Wapiti 823S DER Gas
- Subra Limited Partnership Michichi Creek 802S DER Solar
- Suncor Base Plant Cogen (GTG 13)

Generation Projects moved to “Active Construction”:

- Greencells Estuary Solar
- Ascent Sunnynook Solar Battery
- Versorium Energy Ltd. Briker 880S DER Gas
- TransAlta Tempest MPC Wind
- Versorium Energy Ltd. Irish Creek 706S DER Gas

Generation projects moved to “Regulatory Approval”:

- Sky Sustainable and Green Energy Corp CastorWest Solar
- Journey Energy Inc. High River 65S DER Gas
- Pengrowth Cold Lake Energy Centre (Lindbergh Cogeneration)
- Dolcy Solar Inc. Dolcy MPC Solar Battery
- Versorium Energy Ltd. Provost 545S DER Gas
- Versorium Energy Ltd. Hayter 277S DER Gas
- Versorium Energy Ltd. Warner 344S DER Gas
- Versorium Energy Ltd. South Mayerthorpe 443S DER Gas
- Versorium Energy Ltd. Hughenden 213S DER Gas
- Versorium Energy Ltd. Paintearth Creek 863S DER Gas

Generation projects that have been added to “Announced, Applied for Alberta Electric System Operator Interconnection, and/or Applied for Regulatory Approval”:

- Pembina Pipeline Corporation Namao Pump Station Load
- Pembina Pipeline Corporation CDH Solar
- Suncor Base Plant GTG 6 Modification

Generation projects that have been added to on hold status:

Generation projects that have been cancelled:

- CNRL Primrose East 641S Gas
- Kiwetinohk Phoenix MPC Solar
- Kiwetinohk Springbrook Solar
- RESC Western MPC Solar
- Tent Mountain Pumped Hydro LP Tent Mountain MPC Pumped Hydro
- Kalina Distributed Power Ltd. Ellis Energy Centre MPC Gas
- Prairie Solar (Hanna) Corp Prairie Solar
- Kalina Distributed Power Limited Gilby Energy Centre MPC Gas
- Wild Rose 2 Wind LP Wild Rose 2 Wind Battery
- PACE Canada LP Brooks 121S DER Solar Battery
- PACE Canada LP Sedgewick 137S DER Solar Battery
- Oqin Solar Canada Inc Silver Creek Solar
- BowArk Energy Ltd. Drywood Gas
- 2539613 Ontario Inc. Lacuna MPC Battery
- Plains Midstream Canada ULC Plains Empress Cogen
- ABO Wind Canada Ltd. Split Battery
- PACE Canada LP Provost 545S DER Solar Battery
- PACE Canada LP Bassano 435S DER Solar Battery

Generation projects that retired:

Other changes to generation projects:

Project	Change
Suncor Base Plant Cogen (GTG 12)	New ISD of Nov-2024 from Dec-2024
Concord Drumheller Partnership Michichi Creek 802S DER Solar	New ISD of Nov-2024 from Aug-2024
Universal Kraft Renewables Ltd Sturgeon 734S DER Solar	New ISD of Jan-2026 from May-2026
HEP Canada SPV3 Ltd. Carseland 525S DER Solar	New ISD of Sep-2026 from Sep-2025
Capital Power (CBEC) L.P. Clover Bar #2 Modification	New ISD of Feb-2025 from Jan-2025

Capital Power (CBEC) L.P. Clover Bar #3 Modification	New ISD of Feb-2025 from Jan-2025
Journey Energy Inc. High River 65S DER Gas	New ISD of Jun-2026 from Dec-2024
Obton Solar Canada Inc. Vilna 777S DER Solar	New ISD of Feb-2027 from Nov-2026
Obton Solar Canada Inc. Coronation 773S DER Solar	New ISD of Feb-2027 from Nov-2026
ENMAX SS-24 DER Battery	New ISD of Jul-2025 from Feb-2025
Solar Krafte Beargrass Solar	New ISD of Jan-2026 from Dec-2024
Fortis Gleichen DG Solar	New ISD of Feb-2025 from Dec-2024
Pengrowth Cold Lake Energy Centre (Lindbergh Cogeneration)	New ISD of Oct-2027 from Apr-2025
Enerfin Winnifred MPC Wind	New ISD of Nov-2024 from Oct-2024
ENMAX FMC Change	New ISD of Oct-2026 from Oct-2025
Fortis Bassano 435S DER Solar	New ISD of Dec-2025 from Nov-2024
ENGIE Duchess Solar	New ISD of Feb-2028 from Sep-2025
Eridani Ltd. Metiskow 648S DER Solar	New ISD of Jun-2025 from Dec-2024
Aura Power Renewables Ltd. Killarney Lake 267S DER Solar	New ISD of Mar-2026 from Jan-2025
Dunmore Solar Inc. Dunmore Solar	New ISD of Sep-2026 from May-2025
PACE Canada Ltd. Anderson 801S DER Solar	New ISD of Aug-2025 from Jan-2025
Greengate Northland Power Jurassic MPC Solar Battery	New ISD of Apr-2026 from Dec-2024
RESC Big Sky Solar	New ISD of Nov-2024 from Aug-2024
23113260 Alberta Ltd. Oyen 767S DER Solar	New ISD of Jul-2025 from Dec-2024
Acestes Power ULC Tilley 498S DER Solar	New ISD of Nov-2024 from Dec-2024
EDTI Edmonton 3 H2 Plant Cogen	New ISD of Oct-2025 from Feb-2025

Kiwetinohk Flipi MPC Gas	New ISD of Jun-2028 from Aug-2025
Kiwetinohk Black Bear Gas	New ISD of Jun-2028 from Jul-2025
SPWC Willow Ridge Wind Battery	New ISD of Mar-2028 from Sep-2026
Dolcy Solar Inc. Dolcy MPC Solar Battery	New ISD of Oct-2026 from Feb-2025
2171802 Alberta Ltd. Bullpound 803S DER Solar	New ISD of Jul-2025 from Dec-2024
Universal Kraft UK Solar East	New ISD of Mar-2027 from Jan-2025
Neoen Renewables Jumbo Solar Battery	New ISD of Apr-2028 from Jul-2025
Neoen Renewables Sweetgrass MPC Solar Battery	New ISD of Jun-2028 from Jul-2025
Pembina Gas Kaybob South 3 Cogen	New ISD of Nov-2025 from Mar-2025
Future Energy Park SS-37 DER Gas	New ISD of Dec-2026 from Jun-2025
ENMAX FMC DER Cogen	New ISD of Jan-2025 from Oct-2025
Greengate Luna MPC Solar Battery	New ISD of Jun-2027 from Oct-2026
Frontline Lone Butte Solar	New ISD of Nov-2027 from Jul-2025
Enmax Taber Solar	New ISD of Jan-2027 from Feb-2025

New Generation Projects and Retirements Metric

The New Generation Projects and Retirements Metric is a summary of generation at various stages of development in Alberta and is shown in Tables 3 to 6 below. In Alberta’s deregulated electricity market competitive forces determine the location, magnitude, and timing of new generation additions. Information on prospective generation additions and retirements provides context for the future market in Alberta. The information is drawn from a variety of public sources and includes new generation, changes to existing generation and the retirement of generating units. Changes in project in-service dates (ISDs) and regulatory stages occur as projects move forward and/or market conditions change. Current information on connection project “ISDs” can be found in the [Alberta Electric System Operator Project List](#) and information on power plant applications can be found at the [Alberta Utilities Commission](#) website.

Table 3: Generation Projects under Construction

Note: The inclusion list parameters remain aligned with the pre-cluster definitions (i.e., Effective System Access Service Agreement).

Sponsor(s)	Project Name	Fuel	MCR	ISD
Suncor	Base Plant Cogen (GTG 12)	Gas	403	Nov-24*
Concord Drumheller Partnership	Michichi Creek 802S DER Solar	Storage	8	Nov-24
RESC	Big Sky Solar	Solar	140	Nov-24
Versorium Energy Ltd.	Irish Creek 706S DER Gas	Gas	5	Nov-24
Acestes Power ULC	Tilley 498S DER Solar	Solar	23.6	Nov-24
Acestes Power ULC	Tilley 498S DER Solar	Storage	8	Nov-24
Enerfin	Winnifred MPC Wind	Wind	90	Nov-24
Enerfin	Winnifred Wind Modification	Wind	46.4	Nov-24
Capstone	Wild Rose 2 Wind Farm	Wind	192	Dec-24
Versorium Energy Ltd.	Briker 880S DER Gas	Gas	5	Dec-24
ENMAX	FMC DER Cogen	Gas	7	Jan-25
Fortis	Gleichen DG Solar	Solar	13.3	Feb-25
Strathcona Resources Ltd.	Ethel Lake 717S DER Wasteheat	Gas	19	Mar-25
Journey Energy	Rimbey 297S DER Gas	Gas	15.1	Mar-25
Voltarix	Moon Lake DER Solar	Solar	18.4	Mar-25
Voltarix	Stony Plain 434S DER Solar	Solar	18.4	Mar-25
TransAlta	Tempest MPC Wind	Wind	100	Apr-25
Acestes	Duchess 339S DER Solar	Solar	19.8	Apr-25
Eridani Ltd.	Metiskow 648S DER Solar	Solar	22.5	Jun-25
Eridani Ltd.	Metiskow 648S DER Solar	Storage	22.5	Jun-25
Voltarix	Buford 538S DER Solar	Solar	18.4	Jun-25

Greencells	Estuary Solar	Solar	200	Jun-25
Suncor	Forty Mile Granlea Solar Phase 2	Solar	220	Jul-25
23113260 Alberta Ltd.	Oyen 767S DER Solar	Solar	15	Jul-25
2171802 Alberta Ltd.	Bullpound 803S DER Solar	Solar	14.3	Jul-25
RESC	Enterprise MPC Solar	Solar	65	Jul-25
Concord	Vulcan 255S DER Solar	Solar	15	Jul-25
PACE Canada Ltd.	Anderson 801S DER Solar	Solar	13	Aug-25
RESC	AECG Forty Mile Wind Phase 2	Wind	134	Sep-25
TCE	Saddlebrook Solar Storage	Storage	6.5	Oct-25
EDTI	Edmonton 3 H2 Plant Cogen	Gas	100	Oct-25
Enerfin	Winnifred Wind Modification	Solar	13.6	Oct-25
Aura Power	Aura Provost DER Solar	Solar	22.5	Nov-25
Fortis	Bassano 435S DER Solar	Solar	10	Dec-25
Solar Krafte	Solar Krafte Vauxhall	Solar	60	Dec-25
Solar Krafte	Beargrass Solar	Solar	360	Jan-26
Aira Wind Power Inc.	Aira Solar	Solar	450	Jan-26
PACE Canada LP	Sundre 575S DER Solar	Solar	14.6	Jan-26
PR	Prominence Solar	Solar	80	Feb-26
Aura Power Renewables Ltd.	Killarney Lake 267S DER Solar	Solar	22.5	Mar-26
Aura Power Renewables Ltd.	Killarney Lake 267S DER Solar	Storage	0	Mar-26
Greengate	Northland Power Jurassic MPC Solar Battery	Solar	220	Apr-26
Greengate Power Corporation	Northland Power Jurassic MPC Solar Battery	Storage	80	Apr-26
Dunmore Solar Inc.	Dunmore Solar	Solar	216	Sep-26
ENMAX	FMC Change	Gas	18	Oct-26
Georgetown Solar Inc.	Georgetown Solar	Solar	230	Nov-26
Future Energy Park	SS-37 DER Gas	Gas	29.5	Dec-26
Kiwetinohk	Opal Gas	Gas	101	Dec-26
Enmax	Taber Solar	Solar	45	Jan-27
Ascent	Sunnynook Solar Battery	Solar	280	May-27
Ascent	Sunnynook Solar Battery	Storage	100	May-27
ENGIE	Buffalo Trail North Wind	Wind	200	Jan-28
Shell	SR Scotford Solar	Solar	58	Mar-28
Total (MW)			4,589	

*To account for commissioning time, two months added to asset ISD when calculating LTA metrics

Table 4: Generation Projects with Regulatory Approval

Sponsor(s)	Project Name	Fuel	MCR	ISD
IRRICAN Power Ltd.	Raymond Reservoir Battery	Storage	15.4	Jan-25
Dolcy Solar Inc.	Dolcy MPC Solar Battery	Storage	100	Feb-25
TransAlta Corporation	Pinnacle 1 & 2 Gas	Gas	44.6	Jun-25
Versorium Energy Ltd.	Hayter 277S DER Gas	Gas	5	Jun-25
Versorium Energy Ltd.	South Mayerthorpe 443S DER Gas	Gas	5	Jul-25
Versorium Energy Ltd.	Hughenden 213S DER Gas	Gas	5	Aug-25
Acestes Power ULC	East Camrose 285S DER Solar Battery	Solar	23.3	Aug-25
Versorium Energy Ltd.	Warner 344S DER Gas	Gas	5	Sep-25
Warwick Gas Storage LP	Vegreville 709S DER Battery	Storage	11	Oct-25
Abacus Power Ltd.	Three Hills 770S DER Solar	Solar	18	Oct-25
Versorium Energy Ltd.	Provost 545S DER Gas	Gas	5	Oct-25
Versorium Energy Ltd.	Paintearth Creek 863S DER Gas	Gas	5	Oct-25
Airport City Solar East Ltd.	Devon 14S DER Solar	Solar	21	Nov-25
Kiwetinohk	Granum MPC Solar	Solar	350	Nov-25
Sky Sustainable and Green Energy Corp	CastorWest Solar	Solar	47	Dec-25
Kiwetinohk	Homestead MPC Solar	Solar	400	Mar-26
HEP Energy	Alderson MPC Solar	Solar	100	Mar-26
Elemental Energy	High River 65S DER Solar	Solar	18.5	Apr-26
Proteus Alberta Solar Ltd.	Hays 421S DER Solar	Solar	45	Apr-26
Journey Energy Inc.	High River 65S DER Gas	Gas	16.5	Jun-26
Prairie Lights Power	Grand Prairie MPC Gas	Gas	400	Jun-26
RESC	Nova MPC Solar	Solar	150	Aug-26
Saamis Solar Park Ltd.	Saamis Solar	Solar	325	Aug-26
Aura Power	Peace Butte Solar Battery	Solar	230	Oct-26
Aura Power	Peace Butte Solar Battery	Storage	100	Oct-26
Dolcy Solar Inc.	Dolcy MPC Solar Battery	Solar	250	Oct-26
Pteragen	Peace Butte Wind	Wind	122	Nov-26
Turning Point Gen	Canyon Creek PHES Storage Project	Storage	75	May-27
Greengate	Luna MPC Solar Battery	Solar	465	Jun-27
Greengate	Luna MPC Solar Battery	Storage	80	Jun-27
Pengrowth	Cold Lake Energy Centre (Lindbergh Cogeneration)	Gas	100	Oct-27
EDF	Bull Trail Wind	Wind	300	May-28
Kiwetinohk	Black Bear Gas	Gas	450	Jun-28

Obton Solar Canada Inc.	Vilna 777S DER Solar	Solar	31.1	Feb-27
TERIC Power Ltd.	Sturgeon 734S DER Battery	Storage	23	Jul-26
Total (MW)			4,341	

Table 5: Generation Projects that have been Announced or Applied for Alberta Electric System Operator Connection, and/or Applied for Regulatory Approval

Sponsor(s)	Project Name	Fuel	MCR	ISD
Capital Power (CBEC) L.P.	Clover Bar #2 Modification	Gas	9	Feb-25
Capital Power (CBEC) L.P.	Clover Bar #3 Modification	Gas	9	Feb-25
BER Hand Hills Wind LP	Hand Hills Battery	Storage	10	Mar-25
Lethbridge Two Solar Corp.	Riverbend 618S DER Solar	Solar	17	Apr-25
TA	Alberta Hydro WaterCharger Battery	Storage	180	May-25
Kneehill Solar LP	Three Hills 770S DER Battery	Storage	10.1	May-25
Michichi Solar LP	Michichi Creek 802S DER Battery	Storage	10.1	May-25
ABO Wind Canada Ltd.	Stettler 769S DER Solar Battery	Solar	25	Jun-25
ABO Wind Canada Ltd.	Stettler 769S DER Solar Battery	Storage	16	Jun-25
Enerfin	Big Rock Solar Battery	Solar	100	Jun-25
Enerfin	Big Rock Solar Battery	Storage	40	Jun-25
ENMAX	SS-24 DER Battery	Storage	21.5	Jul-25
Alderson Renewable Energy Corporation	Alderson Solar & Wind	Solar	200	Jul-25
Alderson Renewable Energy Corporation	Alderson Solar & Wind	Wind	450	Jul-25
Acestes Power ULC	East Camrose 285S DER Solar Battery	Storage	7.8	Aug-25
Acestes Power ULC	Westlock 438S DER Solar Battery	Solar	24	Aug-25
Acestes Power ULC	Westlock 438S DER Solar Battery	Storage	8.1	Aug-25
Greenwood Sustainable Infrastructure LLC	Red Deer 63S DER Solar	Solar	19	Sep-25
Spruce Grove 1 Solar STL Inc.	Acheson 305S DER Solar	Solar	23	Sep-25
Morinville Solar STL Inc.	Northwest Cardiff 191S DER Solar	Solar	17	Sep-25
Cardiff Solar STL Inc.	Northwest Cardiff 191S DER Solar	Solar	23	Sep-25
Joss Wind	Northern Lights WAGF	Wind	400	Sep-25
Aura Power Renewables Ltd.	South Bend Solar Battery	Solar	280	Oct-25
Aura Power Renewables Ltd.	South Bend Solar Battery	Storage	200	Oct-25
Cascade Power Project LP	Cascade Gas	Gas	32	Oct-25
ABO	Smoky River MPC Wind	Wind	160	Oct-25
PACE Canada LP	Tucuman 478S DER Solar Battery	Solar	14.8	Oct-25
PACE Canada LP	Tucuman 478S DER Solar Battery	Storage	7	Oct-25

Aura Power Renewables Ltd.	Rosyth Battery	Storage	200	Nov-25
Airport City Solar East Ltd.	Blackmud 155S DER Solar	Solar	24	Nov-25
Airport City Solar East Ltd.	Leduc 325S DER Solar	Solar	67.3	Nov-25
Pembina Gas	Kaybob South 3 Cogen	Gas	33	Nov-25
PACE Canada LP	Jarrow 252S DER Solar Battery	Solar	9	Nov-25
PACE Canada LP	Jarrow 252S DER Solar Battery	Storage	5	Nov-25
CastorNorth Solar STL Inc.	CastorNorth Solar	Solar	250	Dec-25
Legal Solar STL Inc.	Legal Solar	Solar	125	Dec-25
Villeneuve Solar STL Inc.	St. Albert Solar	Solar	200	Dec-25
Rich Valley Solar STL Inc.	Rich Valley Solar	Solar	200	Dec-25
Lamoureux Solar STL Inc.	Lamoureux Solar	Solar	200	Dec-25
Enfinite	Laramide MPC Battery	Storage	100	Dec-25
Universal Kraft Renewables Ltd	Sturgeon 734S DER Solar	Solar	24.5	Jan-26
PACE Canada LP	Wainwright 51S DER Solar Battery	Solar	14	Jan-26
PACE Canada LP	Wainwright 51S DER Solar Battery	Storage	7.2	Jan-26
PACE Canada	Mannix Solar Battery	Solar	59	Jan-26
PACE Canada	Mannix Solar Battery	Storage	34	Jan-26
RESC	Oyen Wind	Wind	250	Feb-26
2365921 Alberta Ltd.	Coaldale 254S DER Solar & Wind	Wind	12.3	Mar-26
Kiwetinohk	Little Flipi MPC Gas	Gas	120	Mar-26
Pembina Pipeline Corporation	CDH Solar	Solar	5	Mar-26
Suncor	Suncor Base Plant GTG 6 Modification	Gas	4	Mar-26
Black Diamond Renewable Energy Corporation	Eagle Butte Wind	Wind	200	Mar-26
Cache	Rising Sun Solar	Solar	125	Mar-26
Axiom Infrastructure Canada II LP	Travers Battery	Storage	99	Mar-26
Grounded Technical Solutions Ltd.	Keystone 384S DER Gas	Gas	21.5	Mar-26
AECO Gas Storage Partnership	Hussar 431S Battery	Storage	40	Apr-26
ABO	Fox Meadows Wind	Wind	200	Apr-26
EDP Renewables	Arenosum Solar	Solar	150	May-26
Pace Canada	Harvest Sky Solar Battery	Solar	40	May-26
Pace Canada	Harvest Sky Solar Battery	Storage	14	May-26
SWITCH Power	Cypress North DER Solar	Solar	16.5	Jun-26
Paul Solar Limited Partnership (Paul Solar (GP) Inc.)	Paul Band Solar	Solar	37	Jun-26
SWITCH Power	Suffield 895S DER Solar	Solar	21.6	Jun-26

PACE Canada LP	Harvest Sky MPC Solar	Solar	25	Jun-26
Lethbridge Three Solar Corp	Lethbridge Three Solar	Solar	140	Jul-26
TERIC Power Ltd.	Saddle Hills 865S DER Battery	Storage	33	Jul-26
ATCO Power (2010) Ltd.	Oldman River Battery	Storage	23.1	Jul-26
Pembina Empress NGL Partnership	Empress Battery	Storage	23.1	Jul-26
Spirit Pine	Lone Pine MPC Wind	Wind	173	Jul-26
Heidelberg Materials Canada	Edmonton CCUS Gas	Gas	130	Jul-26
Piikani Resource Development Ltd.	Piikani Wind	Wind	153	Jul-26
ATCO Power (2010) Ltd.	Craig Lake Wind	Wind	246	Aug-26
EDP	Sounding Creek Solar Battery	Solar	200	Sep-26
EDP	Sounding Creek Solar Battery	Storage	50	Sep-26
Universal Kraft Canada Renewables Ltd.	UK LS5 MPC Solar	Solar	25.3	Sep-26
HEP Canada SPV3 Ltd.	Carseland 525S DER Solar	Solar	22	Sep-26
EER	Foothills MPC Solar	Solar	150	Sep-26
Sol Aurora Ltd.	Sol Aurora Solar Battery	Solar	200	Nov-26
Sol Aurora Ltd.	Sol Aurora Solar Battery	Storage	100	Nov-26
Clem	Sunrise Solar	Solar	75	Dec-26
Enfinite	Enfinite Bowmanton MPC Battery	Storage	100	Dec-26
Obton Solar Canada Inc.	Halkirk MPC Solar	Solar	68	Dec-26
Obton Solar Canada Inc.	Halkirk MPC Solar	Storage	34	Dec-26
Universal Kraft Canada Renewables Ltd.	UK TC II MPC Solar	Solar	162	Jan-27
Pembina Pipeline Corporation	Namao Pump Station Load	Gas	7.5	Jan-27
Dromore Energy Inc.	Atacama MPC Solar Battery	Solar	270	Jan-27
Dromore Energy Inc.	Atacama MPC Solar Battery	Storage	80	Jan-27
Nose Hill Wind Farm Inc.	Nose Hill MPC Wind Battery	Wind	120	Jan-27
Nose Hill Wind Farm Inc.	Nose Hill MPC Wind Battery	Storage	70	Jan-27
Universal Kraft Canada Renewables Ltd.	UK LS1 MPC Solar	Solar	448	Feb-27
ATCO Power (2010) Ltd.	Hand Hills Wind & Solar	Wind	180	Feb-27
ATCO Power (2010) Ltd.	Hand Hills Wind & Solar	Solar	120	Feb-27
Lathom Solar LP	Lathom MPC Solar	Solar	120	Feb-27
Red Willow Solar Inc.	Red Willow Solar Battery	Solar	227	Feb-27
Red Willow Solar Inc.	Red Willow Solar Battery	Storage	100	Feb-27
Prairie Lights Power GP Inc.	Prairie Lights Power Gas	Gas	440	Feb-27
Obton Solar Canada Inc.	Coronation 773S DER Solar	Solar	19.6	Feb-27

Obton Solar Canada Inc.	Coronation 773S DER Solar	Storage	19.6	Feb-27
Clem Geo Energy Corp.	Fort Macleod 15S DER Solar	Solar	22.3	Feb-27
Universal Kraft	UK Solar East	Solar	400	Mar-27
Universal Kraft Canada Inc.	UK LS4 MPC Solar	Solar	89	Apr-27
Neoen Renewables Canada Inc.	Diamond MPC Solar Battery	Solar	60	Jun-27
Neoen Renewables Canada Inc.	Diamond MPC Solar Battery	Storage	24	Jun-27
Dromore Energy Inc.	Apex MPC Solar Battery	Solar	270	Jun-27
Dromore Energy Inc.	Apex MPC Solar Battery	Storage	80	Jun-27
Dromore Energy Inc.	Pinnacle MPC Solar Battery	Solar	220	Jun-27
Dromore Energy Inc.	Pinnacle MPC Solar Battery	Storage	80	Jun-27
Dromore Energy Inc.	Jakob MPC Solar Battery	Solar	270	Jun-27
Dromore Energy Inc.	Jakob MPC Solar Battery	Storage	80	Jun-27
Georgetown Solar Inc.	Georgetown Battery Addition	Storage	100	Jul-27
TransAlta Corporation	Provost MPC Wind	Wind	170	Aug-27
PACE Canada LP	Joffre 3 MPC Solar Battery	Solar	300	Aug-27
PACE Canada LP	Joffre 3 MPC Solar Battery	Storage	250	Aug-27
Enbridge Power Development Canada Inc.	Kersey Solar Battery	Solar	225	Aug-27
Enbridge Power Development Canada Inc.	Kersey Solar Battery	Storage	75	Aug-27
Renewable Energy Systems Canada Inc.	Oyen Wind Phase II	Wind	216	Sep-27
TransAlta Corporation	Magrath MPC Wind	Wind	190	Sep-27
Proteus Alberta Solar 2 Ltd.	Proteus Solar 2 Battery	Solar	144	Sep-27
Proteus Alberta Solar 2 Ltd.	Proteus Solar 2 Battery	Storage	61.5	Sep-27
Federation Group Inc.	Marguerite Lake CAE Storage	Storage	320	Sep-27
ESI	Eastervale Solar Battery	Storage	300	Oct-27
ESI	Eastervale Solar Battery	Storage	200	Oct-27
Universal Kraft Canada Inc.	UK LS2 MPC Solar	Solar	169	Nov-27
Frontline	Lone Butte Solar	Solar	450	Nov-27
Enbridge Power Development Canada Inc.	Torlea Flats Wind	Wind	250	Dec-27
Pembina Pipeline Corporation	LCHA MPC Cogen CO2	Gas	21	Dec-27
NGCI	Ermieskin Cree Nation Solar	Solar	80	Jan-28
ENGIE	Duchess Solar	Solar	90	Feb-28
PACE Canada LP	Paintearth MPC Solar Battery	Solar	330	Mar-28
PACE Canada LP	Paintearth MPC Solar Battery	Storage	300	Mar-28
PACE Canada LP	Sheerness MPC Solar Battery	Solar	310	Mar-28
PACE Canada LP	Sheerness MPC Solar Battery	Storage	410	Mar-28

SPWC	Willow Ridge Wind Battery	Wind	250	Mar-28
SPWC	Willow Ridge Wind Battery	Storage	50	Mar-28
Neoen Renewables	Jumbo Solar Battery	Solar	218	Apr-28
Neoen Renewables	Jumbo Solar Battery	Storage	75	Apr-28
Invenergy Renewables Canada Development ULC	Milo Solar	Solar	202	Apr-28
Invenergy Renewables Canada Development ULC	Vauxhall Solar	Solar	122	Apr-28
Invenergy Renewables Canada Development ULC	Nevis Solar	Solar	202	Apr-28
Invenergy Renewables Canada Development ULC	Vauxhall Battery	Storage	60	Apr-28
Invenergy Renewables Canada Development ULC	Edgerton Wind	Wind	202	Apr-28
Invenergy Renewables Canada Development ULC	Hansman Lake Wind	Wind	202	Apr-28
Greenlight Electricity Centre GP Ltd.	Greenlight U2 Gas	Gas	482	Jun-28
Greenlight Electricity Centre GP Ltd.	Greenlight U3 Gas	Gas	482	Jun-28
Dromore Energy Inc.	Ra MPC Solar Battery	Solar	170	Jun-28
Dromore Energy Inc.	Ra MPC Solar Battery	Storage	80	Jun-28
Dromore Energy Inc.	Pachamama MPC Solar Battery	Solar	420	Jun-28
Dromore Energy Inc.	Pachamama MPC Solar Battery	Storage	80	Jun-28
Dromore Energy Inc.	Erin MPC Solar Battery	Solar	150	Jun-28
Kiwetinohk	Flipi MPC Gas	Gas	444	Jun-28
Greenlight	Greenlight Gas	Gas	466	Jun-28
Neoen Renewables	Sweetgrass MPC Solar Battery	Solar	315	Jun-28
Neoen Renewables	Sweetgrass MPC Solar Battery	Storage	150	Jun-28
ATCO Power (2010) Ltd.	Kitscoty Wind	Wind	174	Aug-28
Axium Infrastructure Canada II LP	Travers MPC Solar	Solar	123	Aug-28
Total (MW)			21,251	

Table 6: Generation Projects that have Announced to be Retired/Derated

Sponsor(s)	Project Name	Fuel	Unit Capacity*	Date	Status
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