

Long-Term Adequacy Report

May 2026

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 projects¹

Stage	Solar (MW)	Wind (MW)	Storage (MW)	Gas (MW)	Hydro and Other (MW)	Total (MW)
Operational	1,928	5,684	351	14,201	1,373	23,537
Met Project Inclusion Criteria	2,798	403	413	464	-	4,078
Received AUC Approval	1,341	612	640	786	-	3,378
Announced	3,326	153	1,718	6,096	-	11,293
Total	9,392	6,852	3,121	21,547	1,373	42,286
2-Year Average Alberta Internal Load (AIL) Forecast			10,417 MW			

¹ Total operational capacity in Table 1 may differ from the [Current Supply and Demand Report](#) (CSD). This occurs when an in-service generation project is not included on the CSD page as a new or separate asset (e.g., hybrid energy 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 0.06 MWh. This value is below the 2,083 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.

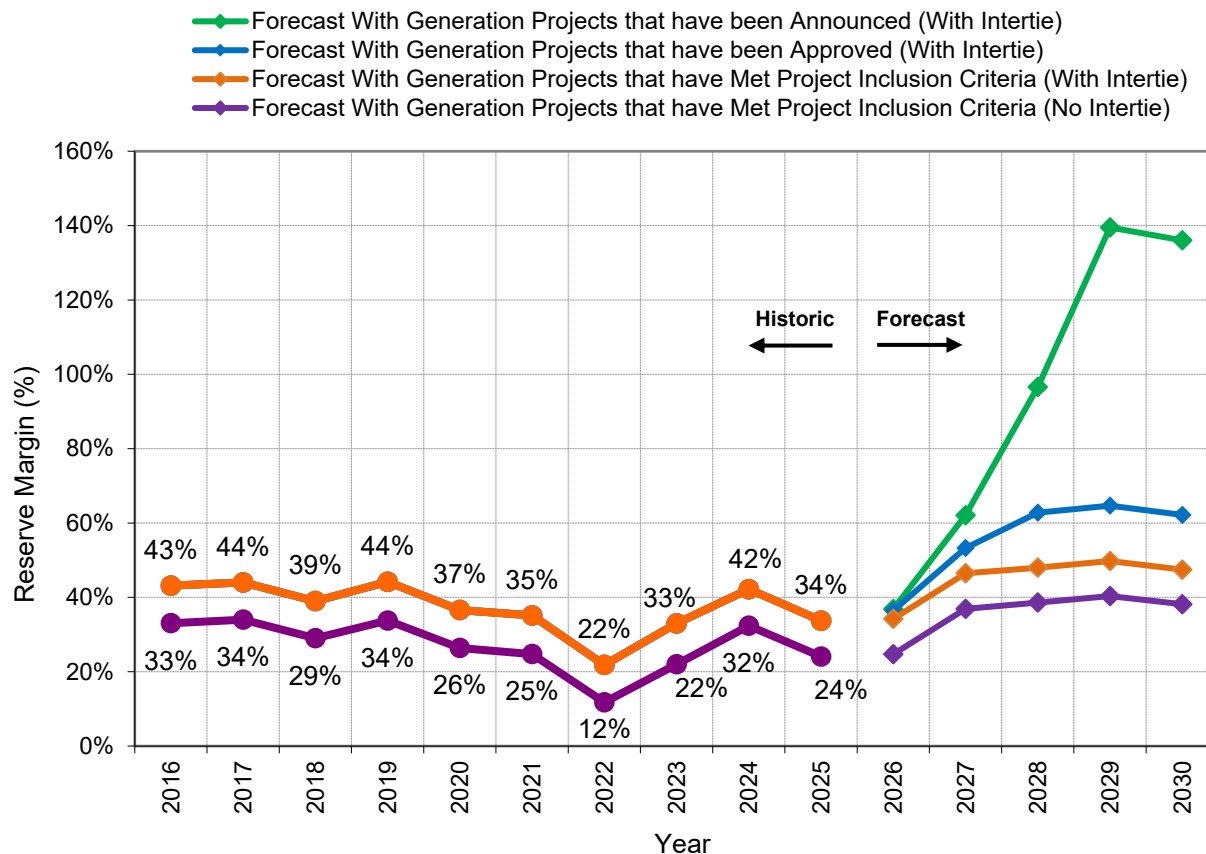
New Generation and Retirements Metric

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.

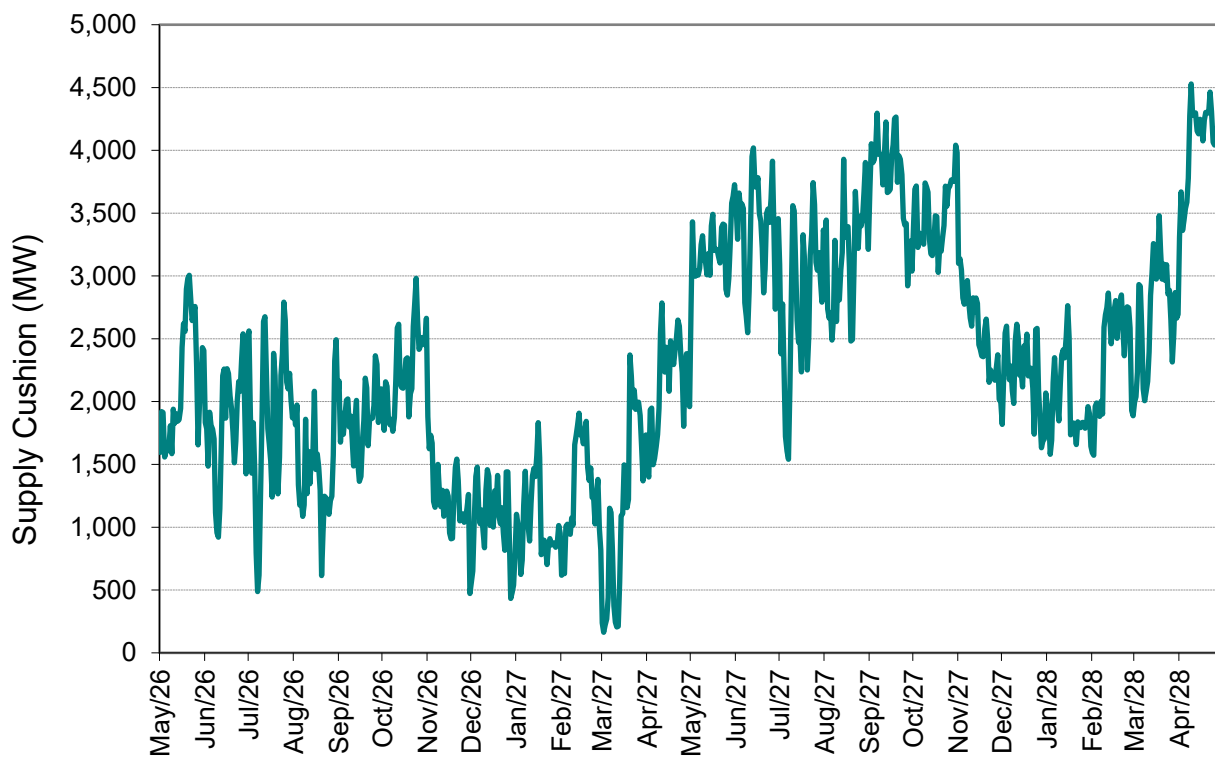
Figure 1: Alberta Interconnected Electric System (AIES) Reserve Margin, 2016 – 2030



Supply Cushion Metric

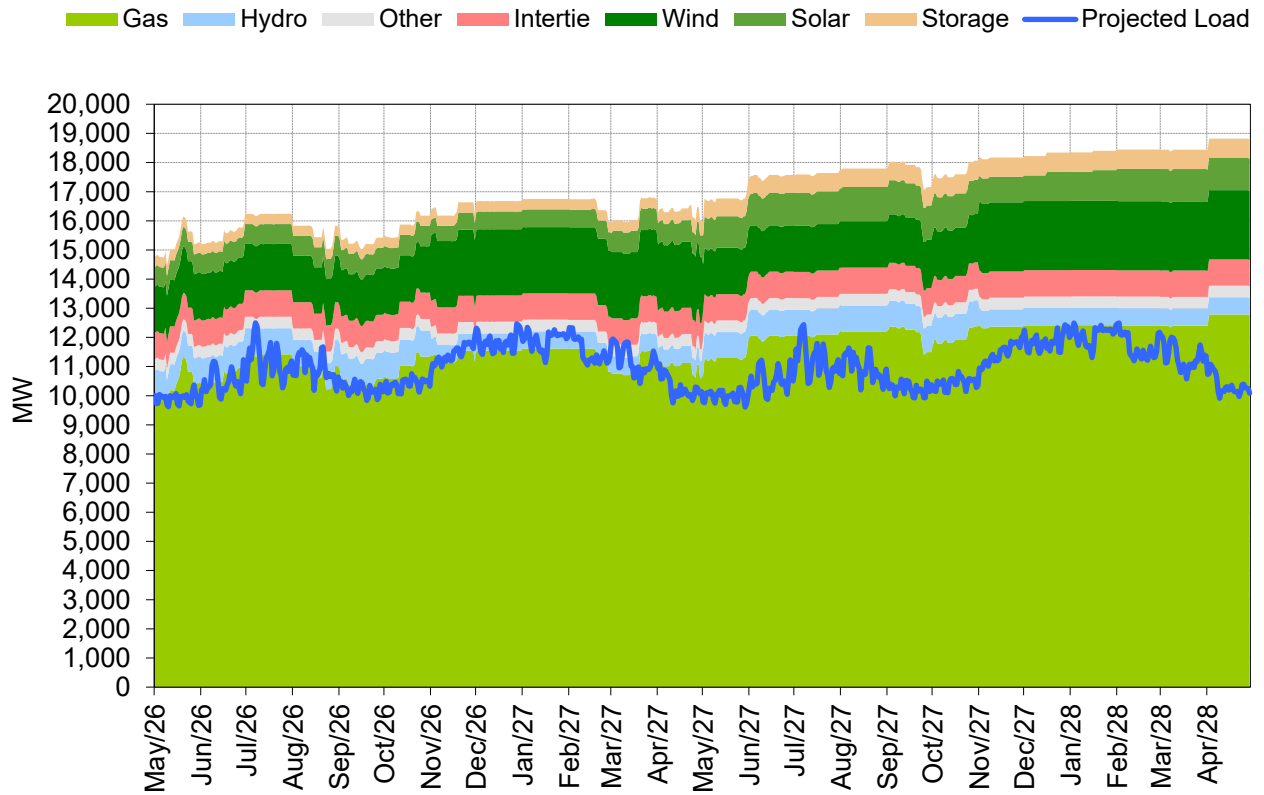
The Supply Cushion Metric provides visibility of the Alberta Internal Load’s ability to meet peak demand daily. The supply cushion is the difference between the daily available firm supply minus daily peak demand. Only existing generation and projects that have met project inclusion are used within the 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, May 1, 2026, to April 30, 2028



Outage information as of April 20, 2026

Figure 3: Alberta Internal Load (AIL) Daily Peak Demand and Available Supply May 1, 2026, to April 30, 2028



Outage information as of April 20, 2026

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 **2,083 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, May 1, 2026, to April 30, 2028

Worst Shortfall Hour (MW)	# of Hours in Shortfall	Total Energy Not Served (MWh)
0.025	0.001	0.06

Summary of Changes Since Previous Report

Projects completed and removed from list

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P2524*	Shell	Shell SR Scotford Solar	Solar	58	Jun-24
P3111	Big Marble Farms Inc.	Medicine Hat Cogen	Gas	13.3	Feb-26
P2658	Journey Energy	Rimbey 297S DER Gas	Gas	15.1	Mar-26
P2411	Jurassic Solar L.P.	Northland Power Jurassic MPC Solar Battery	Storage	80	Apr-26

* This project entered service in June 2024 but was missed in previous versions of the LTA

Generation Projects moved to “Met Project Inclusion”

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
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Generation projects moved to “Regulatory Approval”

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P3148	Advantage Energy Ltd	Updike 886S DER Gas	Gas	29.5	Oct-27
P2488	Neyaskweyahk Group of Companies Inc.	Kâpîsimotêt Solar	Solar	80	Jan-28
P2941	Wolf NGL Inc.	WFS Cogen	Gas	65	Feb-28
P2707	EDP	Sounding Creek Solar Battery	Solar	200	Jun-28
P2707	EDP	Sounding Creek Solar Battery	Storage	50	Jun-28
P2611	Universal Kraft	UK Solar East	Solar	400	Aug-28
P2758	Universal Kraft Canada Renewables Ltd.	UK Solar West	Solar	162	Aug-28
P3031	Renewable Energy Systems Canada Inc	Oyen Wind Ph 2	Wind	216	Oct-29

Generation projects that have been added to “Applied for Alberta Electric System Operator Interconnection”

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P3160	Imperial Oil	Kearl Oil Sands Mine Cogen	Gas	72	Jun-29

Generation projects that have been added to on hold status

Project Number	Generating Facility Owner	Project Name	Fuel	MC	ISD
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Generation projects that have been cancelled

Project Number	Generating Unit Owner	Project Name	Fuel	MC
P2669	PACE Canada	Mannix Solar Battery	Solar	59
P2669	PACE Canada	Mannix Solar Battery	Storage	34
P2776	Legal Solar STL Inc.	Legal Solar Battery	Solar	125
P2776	Legal Solar STL Inc.	Legal Solar Battery	Storage	65
P2777	St. Albert Solar STL Inc	St. Albert Villeneuve Solar	Solar	200
P2778	Rich Valley Solar STL Inc.	Rich Valley Solar Battery	Solar	200
P2778	Rich Valley Solar STL Inc.	Rich Valley Solar Battery	Storage	100
P2781	Lamoureux Solar STL Inc.	Lamoureux Ruby Solar Battery	Solar	200
P2781	Lamoureux Solar STL Inc.	Lamoureux Ruby Solar Battery	Storage	100
P2804	Invenergy Renewables Canada Development ULC	East Nevis Solar Energy Centre	Solar	202
P2839	Invenergy Renewables Canada Development ULC	Alba Lake Wind	Wind	202
P2929	RealPart Canada Inc.	RealPart Calgary Area Solar	Solar	150
P2939	West Four Solar LP	Ervick 542S DER Solar Battery	Solar	22
P2939	West Four Solar LP	Ervick 542S DER Solar Battery	Storage	22
P2954	Gransolar Alebrta One Inc	Blue Heron MPC Solar Battery	Solar	200
P2954	Gransolar Alebrta One Inc	Blue Heron MPC Solar Battery	Storage	200
P2974	Neyaskweyahk Group of Companies Inc.	Kâpîsimotêt Solar Battery	Solar	32
P2974	Neyaskweyahk Group of Companies Inc.	Kâpîsimotêt Solar Battery	Storage	30.3
P2976	Westbridge BESS Devco Inc.	Brooks Battery	Storage	100
P2977	CI V Prosperity LP	Prosperity MPC Wind	Wind	465
P2984	Lethbridge Three Solar Corp	Nighthawk Solar	Solar	155
P2990	Age Energy Ltd.	Warbler Battery	Storage	100
P2991	Age Energy Ltd.	Merganser Battery	Storage	100
P2992	Age Energy Ltd.	Vereo Battery	Storage	100
P2993	Age Energy Ltd.	Kinglet Battery	Storage	100
P2994	Age Energy Ltd.	Siskin Battery	Storage	100
P2995	Age Energy Ltd.	Cowbird Battery	Storage	100
P2996	Age Energy Ltd.	Osprey Battery	Storage	100
P3000	Northland Power Luna II GP Inc.	Artemis Luna 2 MPC Solar Battery	Solar	466
P3000	Northland Power Luna II GP Inc.	Artemis Luna 2 MPC Solar Battery	Storage	81
P3004	Captus Generation Ltd.	Captus MPC Cogen	Gas	440
P3005	ABO Energy Canada Ltd.	Stettler 769S DER Solar Battery	Solar	36
P3005	ABO Energy Canada Ltd.	Stettler 769S DER Solar Battery	Storage	16
P3007	Varme Energy Inc.	Amelia 108S DER Waste To Energy	Biomass	19.6

Project Number	Generating Unit Owner	Project Name	Fuel	MC
P3011	Enerfin Energy Company of Canada Inc.	Togo Lake Solar Battery	Solar	400
P3011	Enerfin Energy Company of Canada Inc.	Togo Lake Solar Battery	Storage	200
P3012	EDF Renewables Development Inc.	Kainai EDF Pe-na-koyim Wind Battery	Wind	300
P3012	EDF Renewables Development Inc.	Kainai EDF Pe-na-koyim Wind Battery	Storage	50
P3022	Dromore Energy Inc.	Pinnacle Battery	Solar	220
P3022	Dromore Energy Inc.	Pinnacle Battery	Storage	81
P3023	Dromore Energy Inc.	Pachamama Battery	Solar	420
P3023	Dromore Energy Inc.	Pachamama Battery	Storage	46.6
P3030	Lacombe Solar GP Ltd.	Blackfalds 198S DER Solar	Solar	22
P3035	CI V Aira Solar LP	Aira Battery	Storage	175
P3037	Signalta Resources Ltd.	Fort Saskatchewan Peaking Power Plant 1 DER Gas	Gas	12.4
P3038	Signalta Resources Ltd.	Fort Saskatchewan Peaking Power Plant 2 DER Gas	Gas	12.4
P3042	Black Diamond Renewable Energy Corporation	Eagle Butte Wind	Wind	200
P3043	Capstone Power Development (B.C) Corp	Buffalo Atlee Battery	Storage	151.5
P3047	Capstone Power Development (B.C) Corp	Lowland Heights MPC Battery	Storage	176.7
P3049	HEP Canada SPV3 Ltd.	Carseland DER Solar	Solar	22
P3050	Pembina Pipeline Corporation	Pembina Redwater Battery	Storage	23.1
P3052	Hope Solar Investments	Warner 344S DER Solar	Solar	14.8
P3057	PACE Canada Development LP	Sedgewick 137S DER Solar Battery	Solar	21.6
P3057	PACE Canada Development LP	Sedgewick 137S DER Solar Battery	Storage	5.6
P3061	ENGIE Development Canada L.P.	Buffalo Trail South MPC Wind Battery A	Wind	266
P3061	ENGIE Development Canada L.P.	Buffalo Trail South MPC Wind Battery A	Storage	266
P3063	ENGIE Development Canada L.P.	Duchess Solar	Solar	90
P3067	Dromore Energy Inc.	Indus Solar Battery	Solar	150
P3067	Dromore Energy Inc.	Indus Solar Battery	Storage	81
P3068	Alderson Renewable Energy Corporation	Alderson MPC Wind Solar	Solar	200
P3068	Alderson Renewable Energy Corporation	Alderson MPC Wind Solar	Wind	250

Generation assets that retired or mothballed

Generating Facility Owner	Asset Name	Fuel	MC	Effective Date	Status
TransAlta Generation	Sheerness 1 (SH1)	Gas	400	Apr-26	Mothball

Other changes to generation projects

Project Number	Project Name	Change
P2034	Pengrowth Cold Lake Energy (Lindbergh Cogeneration)	New ISD of Oct-2029 from Oct-2027
P2292	Killarney Lake Solar LP FortisAlberta Killarney Lake 267S DER Solar	New ISD of Jun-2026 from Mar-2026
P2456	Bitdeer Energy Inc. Opal Gas	New ISD of Jul-2027 from Dec-2026
P2517	Enfinite Hutchison MPC Battery	New ISD of Nov-2029 from Dec-2026
P2520	Enfinite Laramide MPC Battery	New ISD of Jan-2027 from Jun-2026
P2524	Shell Shell SR Scotford Solar	New ISD of Jun-2024 from Mar-2028
P2602	Kiwetinohk Collisard MPC Gas	New ISD of Jan-2029 from Oct-2027
P2729	2365921 Alberta Ltd. Coaldale 254S DER Solar & Wind	New ISD of Aug-2028 from Apr-2028
P2729	2365921 Alberta Ltd. Coaldale 254S DER Solar & Wind	New ISD of Aug-2028 from Apr-2028
P2805	Journey Energy Inc. High River 65S DER Gas	New ISD of Nov-2026 from Jun-2026
P2806	Piikani Resource Development Ltd. Piikani Wind	New ISD of Feb-2028 from Jul-2026
P2818	Axiom Infrastructure Canada II LP Travers Battery	New ISD of Mar-2028 from May-2028
P2882	Versorium Energy Ltd. Hughenden 213S DER Gas	New ISD of Apr-2028 from Jun-2026
P2956	Signalta Resources Ltd. High River 65S Gas DER	New ISD of Nov-2028 from May-2026
P2966	RIC Energy Canada Corporation Veteran Solar Battery	New ISD of Oct-2028 from Nov-2027
P2966	RIC Energy Canada Corporation Veteran Solar Battery	New ISD of Oct-2028 from Nov-2027
P3015	Spruce Grove North Solar STL Inc. Spruce Grove North Solar Battery	New ISD of Dec-2028 from Dec-2027
P3015	Spruce Grove North Solar STL Inc. Spruce Grove North Solar Battery	New ISD of Dec-2028 from Dec-2027
P3026	Revolve Meadows Solar GP Inc. Pigeon Lake 964S DER Solar	New ISD of Sep-2026 from Jul-2026
P3029	IRRICAN Power Ltd. Irrican Chin Battery	New ISD of Feb-2028 from Nov-2026
P3031	Renewable Energy Systems Canada Inc Oyen Wind Ph 2	New ISD of Oct-2029 from Dec-2027
P3034	Neoen Renewables Canada Inc. Valley Edge Battery	New ISD of Dec-2027 from Aug-2028
P3074	Capital Power (Genesee) LP Genesee 330P Modification	New ISD of Dec-2026 from Apr-2026
P3074	Capital Power (Genesee) LP Genesee 330P Modification	New ISD of Dec-2026 from Apr-2026
P3099	General Land & Power Corp. Sollair BESS	New ISD of Dec-2027 from Sep-2026
P3131	General Land & Power Corp. Sollair 1055S Solar Modification	New ISD of Aug-2026 from Jun-2026

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 Which Have Met Project Inclusion Criteria

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

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P2292	Killarney Lake Solar LP	FortisAlberta Killarney Lake 267S DER Solar	Solar	22.5	Jun-26
P2457	Voltarix	Fortis Moon Lake DER Solar	Solar	18.4	Sep-26
P2462	Voltarix	Fortis Stony Plain 434S DER Solar	Solar	18.4	Sep-26
P2471	Voltarix	Fortis Buford 538S DER Solar	Solar	18.4	Sep-26
P2192	Alberta Health Services	ENMAX FMC Change	Gas	18	Oct-26
P2354	Alberta Health Services	ENMAX FMC DER Cogen	Gas	7	Oct-26
P2805	Journey Energy Inc.	High River 65S DER Gas	Gas	16.5	Nov-26
P2396	Georgetown Solar Inc.	Georgetown Solar	Solar	230	Nov-26
P2259	Eridani Ltd.	FortisAlberta Metiskow 648S DER Solar	Solar	22.5	Nov-26
P2465	Enerfin	Enerfin Winnifred Wind + Solar Modification	Solar	60	Nov-26
P2754	PACE Canada LP	Tucuman 478S DER Solar Battery	Solar	14.8	Nov-26
P2754	PACE Canada LP	Tucuman 478S DER Solar Battery	Storage	7	Nov-26
P2722	Universal Kraft Renewables Ltd	Sturgeon 734S DER Solar	Solar	24.5	Feb-27
P2827	Obton Solar Canada Inc.	Vilna 777S DER Solar	Solar	31.1	Feb-27
P2829	Obton Solar Canada Inc.	Coronation 773S DER Solar	Solar	19.6	Feb-27
P2445	Kiwetinohk	Kiwetinohk Homestead MPC Solar	Solar	400	Mar-27
P2747	Warwick Gas Storage LP	Vegreville 709S DER Battery	Storage	11	Apr-27
P2751	AECO Gas Storage Partnership	Hussar 431S Battery	Storage	40	Apr-27
P2451	Georgetown Solar Inc.	Georgetown Battery Addition	Storage	100	Apr-27
P2453	EDTI	EDTI Edmonton 3 H2 Plant Cogen	Gas	100	May-27
P2464	Ascent	Sunnynook Solar Battery	Solar	280	May-27

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P2464	Ascent	Sunnynook Solar Battery	Storage	100	May-27
P2195	2289994 Alberta Inc.	FortisAlberta Bassano 435S DER Solar	Solar	10	Jun-27
P1828	HEP Energy	hep Energy Alderson MPC Solar	Solar	100	Jun-27
P2757	Teric Power Ltd.	Sturgeon 734S DER Battery	Storage	23	Jul-27
P2456	Bitdeer Energy Inc.	Opal Gas	Gas	101	Jul-27
P2378	RESC	RESC Nova MPC Solar	Solar	150	Aug-27
P2356	RESC	Oyen Wind	Wind	250	Sep-27
P2614	Dow Chemical Canada ULC	Dow Fort Sask. Load	Gas	120	Sep-27
P2678	Future Energy Park	SS-37 DER Gas	Gas	29.5	Sep-27
P2924	Kneehill Solar LP	Three Hills 770S DER Battery	Storage	10.1	Sep-27
P2925	Michichi Solar LP	Michichi Creek 802S DER Battery	Storage	10.1	Sep-27
P2334	TCE	TCE Saddlebrook Solar Storage	Storage	6.5	Nov-27
P2369	PACE Canada Ltd.	ATCO Anderson 801S DER Solar	Solar	13	Nov-27
P2627	PACE Canada LP	Sundre 575S DER Solar	Solar	14.6	Nov-27
P2753	PACE Canada LP	Jarrow 252S DER Solar Battery	Solar	9	Nov-27
P2753	PACE Canada LP	Jarrow 252S DER Solar Battery	Storage	5	Nov-27
P2461	Aira Wind Power Inc.	Aira Solar	Solar	450	Dec-27
P2411	Jurassic Solar L.P.	Northland Power Jurassic MPC Solar Battery	Solar	220	Jan-28
P2418	Greencells	Greencells Estuary Solar	Solar	200	Jan-28
P2467	Pteragen	Pteragen Peace Butte Wind	Wind	122	May-28
P2337	Dunmore Solar Inc.	Dunmore Solar	Solar	216	May-28
P2729	2365921 Alberta Ltd.	Coaldale 254S DER Solar & Wind	Wind	31	Aug-28
P2729	2365921 Alberta Ltd.	Coaldale 254S DER Solar & Wind	Solar	5	Aug-28
P2553	Dolcy Solar Inc.	Dolcy MPC Solar and Storage	Solar	250	Sep-28
P2553	Dolcy Solar Inc.	Dolcy MPC Solar and Storage	Storage	100	Sep-28
P2034	Pengrowth	Cold Lake Energy (Lindbergh Cogeneration)	Gas	72	Oct-29
	Total			4,078	

Table 4: Generation Projects with Regulatory Approval

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P2879	Versorium Energy Ltd.	Hayter 277S DER Gas	Gas	5	Aug-26
P3026	Revolve Meadows Solar GP Inc.	Pigeon Lake 964S DER Solar	Solar	15.7	Sep-26
P2869	Versorium Energy Ltd.	Provost 545S DER Gas	Gas	5	Dec-26
P3074	Capital Power (Genesee) LP	Genesee 330P Modification (1)	Gas	100	Dec-26
P3074	Capital Power (Genesee) LP	Genesee 330P Modification (2)	Gas	100	Dec-26
P2881	Versorium Energy Ltd.	South Mayerthorpe 443S DER Gas	Gas	5	Jan-27

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P2880	Versorium Energy Ltd.	Warner 344S DER Gas	Gas	5	Mar-27
P2944	2532917 Alberta Limited	Mowat 2033S DER Gas	Gas	21.5	Apr-27
P2845	Federation Group Inc.	Marguerite Lake CAE Storage	Storage	320	Sep-27
P2503	SPWC	Willow Ridge Wind Battery	Wind	196	Oct-27
P2503	SPWC	Willow Ridge Wind Battery	Storage	50	Oct-27
P2997	Three Hills Solar LP	Three Hills 770S DER Solar	Solar	18	Oct-27
P3148	Advantage Energy Ltd	Updike 886S DER Gas	Gas	29.5	Oct-27
P2488	Neyaskweyahk Group of Companies Inc.	Kâpîsimotêt Solar	Solar	80	Jan-28
P2941	Wolf NGL Inc.	WFS Cogen	Gas	65	Feb-28
P2882	Versorium Energy Ltd.	Hughenden 213S DER Gas	Gas	5	Apr-28
P2091	EDP Renewables	Arenosum Solar	Solar	150	May-28
P2619	Neoen Renewables	Sweetgrass MPC Solar Battery	Solar	315	Jun-28
P2619	Neoen Renewables	Sweetgrass MPC Solar Battery	Storage	150	Jun-28
P2707	EDP	Sounding Creek Solar Battery	Solar	200	Jun-28
P2707	EDP	Sounding Creek Solar Battery	Storage	50	Jun-28
P2843	Prairie Lights Power GP Inc.	Prairie Lights Power Gas	Gas	440	Jun-28
P2611	Universal Kraft	UK Solar East	Solar	400	Aug-28
P2758	Universal Kraft Canada Renewables Ltd.	UK Solar West	Solar	162	Aug-28
P2460	ABO	ABO Fox Meadows Wind	Wind	200	Sep-28
P2460	ABO	ABO Fox Meadows Wind	Storage	70	Sep-28
P2956	Signalta Resources Ltd.	High River 65S Gas DER	Gas	4.6	Nov-28
P3031	Renewable Energy Systems Canada Inc	Oyen Wind Ph 2	Wind	216	Oct-29
	Total			3,378	

Table 5: Generation Projects that have Applied for Alberta Electric System Operator Connection

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P3082	BC Hydro and Power Authority	Fort Nelson Generating Station Gas	Gas	14	Jun-26
P3131	General Land & Power Corp.	Sollair 1055S Solar Modification	Solar	4.9	Aug-26
P3039	Evolve Power (Canada) Limited	Evolve Battery	Storage	25	Oct-26
P2520	Enfinite	Laramide MPC Battery	Storage	100	Jan-27
P3040	Agritech Haven Limited Partnership	AHI Prairie Eagle MPC Cogen	Gas	20	Jan-27
P3040	Agritech Haven Limited Partnership	AHI Prairie Eagle MPC Cogen	Gas	80	Jan-27

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P3040	Agritech Haven Limited Partnership	AHI Prairie Eagle MPC Cogen	Solar	50	Jan-27
P3040	Agritech Haven Limited Partnership	AHI Prairie Eagle MPC Cogen	Storage	50	Jan-27
P3110	Cree Ative Datacenter Corp.	Mihta Askiy Data Load	Gas	650	Feb-27
P2540	Cache	Rising Sun Solar	Solar	125	Mar-27
P2728	Enbridge Power Development Canada Inc.	Kersey Solar	Solar	220	Jun-27
P3056	Teric Power Ltd.	Onoway 352S DER Gas Battery	Gas	7.3	Sep-27
P3056	Teric Power Ltd.	Onoway 352S DER Gas Battery	Storage	15	Sep-27
P2566	Eastervale Solar Inc.	Eastervale Solar	Solar	300	Oct-27
P2552	Frontline	Lone Butte Solar	Solar	450	Nov-27
P2774	CastorNorth Solar STL Inc.	Castor North Solar Battery	Solar	250	Dec-27
P2774	CastorNorth Solar STL Inc.	Castor North Solar Battery	Storage	125	Dec-27
P2826	Paul Solar Farm Limited Partnership	Paul Band Solar	Solar	37	Dec-27
P3014	Meadowview Solar STL Inc.	Meadowview Solar Battery	Solar	135	Dec-27
P3014	Meadowview Solar STL Inc.	Meadowview Solar Battery	Storage	65	Dec-27
P3099	General Land & Power Corp.	Sollair BESS	Storage	75	Dec-27
P3034	Neoen Renewables Canada Inc.	Valley Edge Battery	Storage	252	Dec-27
P2983	Moraine Initiatives Ltd.	Moraine MPC Gas	Gas	466	Feb-28
P2738	Universal Kraft Canada Inc.	Little Smoky 4 Solar	Solar	89	Feb-28
P3029	IRRICAN Power Ltd.	Irrican Chin Battery	Storage	11.6	Feb-28
P2806	Piikani Resource Development Ltd.	Piikani Wind	Wind	153	Feb-28
P2818	Axiom Infrastructure Canada II LP	Travers Battery	Storage	99	Mar-28
P2616	Neoen Renewables	Jumbo Battery	Storage	75	Apr-28
P2533	Greenlight	Greenlight Gas	Gas	466	Jun-28
P2796	Greenlight Electricity Centre GP Ltd.	Greenlight U2 Gas	Gas	482	Jun-28
P2797	Greenlight Electricity Centre GP Ltd.	Greenlight U3 Gas	Gas	482	Jun-28
P2592	Enerfin	Big Rock Solar Battery	Solar	100	Jun-28
P2592	Enerfin	Big Rock Solar Battery	Storage	40	Jun-28
P3065	Universal Kraft Canada Renewables Ltd.	UK LS2 & LS6 Solar Battery	Solar	169	Jul-28
P3065	Universal Kraft Canada Renewables Ltd.	UK LS2 & LS6 Solar Battery	Storage	90	Jul-28
P2713	Universal Kraft Canada Renewables Ltd.	Little Smoky 1 Solar	Solar	448	Jul-28
P2789	Red Willow Solar Inc.	Red Willow Solar Battery	Solar	227	Aug-28
P2789	Red Willow Solar Inc.	Red Willow Solar Battery	Storage	100	Aug-28

Project Number	Generating Unit Owner	Project Name	Fuel	MC	ISD
P2966	RIC Energy Canada Corporation	Veteran Solar Battery	Solar	120	Oct-28
P2966	RIC Energy Canada Corporation	Veteran Solar Battery	Storage	50	Oct-28
P3015	Spruce Grove North Solar STL Inc.	Spruce Grove North Solar Battery	Solar	135	Dec-28
P3015	Spruce Grove North Solar STL Inc.	Spruce Grove North Solar Battery	Storage	65	Dec-28
P2602	Kiwetinohk	Collisard MPC Gas	Gas	120	Jan-29
P2975	Capital Power L.P.	Genesee MPC Gas (1)	Gas	466	Mar-29
P2975	Capital Power L.P.	Genesee MPC Gas (2)	Gas	466	Mar-29
P3006	Clairmont Energy Park Inc.	Clairmont Energy MPC Gas	Gas	198	Jun-29
P3069	Prairie Lights Power GP Inc.	Prairie Lights Power Unit 2 MPC Gas	Gas	471	Jun-29
P2979	Alaika Energy Park Inc.	Alsike Energy Park MPC Gas	Gas	198	Jun-29
P2980	Crossfield Energy Park Inc.	Lone Pine Energy Park MPC Gas	Gas	198	Jun-29
P2981	Myers Energy Park Inc.	Myers Energy Park MPC Gas	Gas	198	Jun-29
P2982	Gilby Power Park Inc.	Gilby Power Park MPC Gas	Gas	198	Jun-29
P3160	Imperial Oil	Kearl Oil Sands Mine Cogen	Gas	72	Jun-29
P2656	Heidelberg Materials Canada	Edmonton CCUS Gas	Gas	130	Jun-29
P2967	E3 Lithium Ltd.	Clearwater Facility Cogen	Gas	270	Jul-29
P2454	TransAlta Corp.	Flipi MPC Gas	Gas	444	Aug-29
P3046	Cache Power Corp.	Marguerite Lake Compressed Air Phase 2	Storage	320	Sep-29
P3001	1000380886 Ontario Ltd	Midnight MPC Battery	Solar	466	Oct-29
P3001	1000380886 Ontario Ltd	Midnight MPC Battery	Storage	60	Oct-29
P2517	Enfinite	Hutchison MPC Battery	Storage	100	Nov-29
	Total			11,293	

Table 6: Generation Assets that are Currently Mothballed

Generating Facility Owner	Asset Name	Fuel	MC	Start Date	End Date
TransAlta Generation	Sundance 6 (SD6)	Gas	401	Apr-25	Apr-27
TransAlta Generation	Sheerness 1 (SH1)	Gas	400	Apr-26	Apr-28

Table 7: Generation Assets that have Announced Retirement, Derate, or Mothball

Generating Facility Owner	Asset Name	Fuel	MC	Effective Date	Status
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