

Information Documents are not authoritative. Information Documents are for information purposes only and are intended to provide guidance. In the event of any discrepancy between an Information Document and any Authoritative Document(s)¹ in effect, the Authoritative Document(s) governs.

1 Purpose

This Information Document relates to the following Authoritative Documents:

- Section 503.2 – *Maximum Authorized Real Power and Maximum Authorized Charging Power* (“Section 503.2”)
- Section 503.3 – *Reactive Power* (“Section 503.3”);
- Section 503.4 – *Voltage Regulation* (“Section 503.4”);
- Section 503.5 – *Voltage Ride-Through* (“Section 503.5”);
- Section 503.6 – *Frequency and Speed Governing* (“Section 503.6”);
- Section 503.7 – *Power System Stabilizer* (“Section 503.7”);
- Section 503.8 – *Transmission Step-Up Transformer* (“Section 503.8”);
- Section 503.9 – *Auxiliary Systems* (“Section 503.9”);
- Section 503.10 – *Isolating and Interrupting Devices* (“Section 503.10”);
- Section 503.11 – *Power Quality* (“Section 503.11”);
- Section 503.12 – *Grounding and Surge Protection* (“Section 503.12”);
- Section 503.13 – *Synchrophasor Measurement System* (“Section 503.13”);
- Section 503.14 – *Sequence of Events Monitoring* (“Section 503.14”);
- Section 503.15 – *Interconnected Electric System Protection* (“Section 503.15”);
- Section 503.16 – *SCADA* (“Section 503.16”);
- Section 503.17 – *Revenue Metering System* (“Section 503.17”);
- Section 503.18 – *Operations and Maintenance of Facilities* (“Section 503.18”);
- Section 503.19 – *Reactive Power Verification Testing* (“Section 503.19”); and
- Section 503.20 – *Baseline and Model Validation Testing* (“Section 503.20”).

This information document provides general information relating to existing generation facilities the AESO designates as generating units, as provided for in the definition of “aggregating generating facility” which is effective on September 1, 2018.

2 Background and History

The AESO amended the definition of “aggregated generating facility”. The new definition of “**aggregated facility**” is effective on April 1, 2024.

“**Aggregated facility**” means, unless otherwise designated by the **ISO**, an aggregation of two (2) or more **generating units** or **Energy Storage Resources**, or a combination thereof, including any

¹ “Authoritative Documents” is the general name given by the AESO to categories of documents made by the AESO under the authority of the *Electric Utilities Act* and associated regulations, and that contain binding legal requirements for either market participants or the AESO, or both. AESO Authoritative Documents include: the ISO rules, the Alberta reliability standards, and the ISO tariff.

associated **reactive power** resources, where:

- (i) each **generating unit or energy storage resource** is rated less than 9 MW;
- (ii) all **generating units** and **energy storage resources** are situated in the same proximate location and have a common collector bus or multiple collector busses that can be operated as a common collector bus; and
- (iii) the **aggregated facility** is connected to the **interconnected electric system** or the electrical system in the service area of the City of Medicine Hat.

The AESO maintains a list of generating units (existing on September 1, 2018) which are smaller than 9MW and connected at the common collector bus. These facilities will continue to operate as generating units. The aggregated facilities that the AESO designates as generating units are listed in Appendix 1. The AESO may amend the list as required.

Appendices

Appendix 1 – *List of facilities the ISO designates as a generating unit*

Revision History

Posting Date	Description of Changes
2024-04-12	Amendments to align with the Energy Storage ISO rule amendments and new definitions.
2018-09-04	Initial Release

Appendix 1
List of facilities the ISO designates as a generating unit

Generator	FACILITY_CODE	CSD Name	Asset ID
Horseshoe1	3S	Bow Hydro	BOW
Horseshoe2	3S	Bow Hydro	BOW
Horseshoe3	3S	Bow Hydro	BOW
Horseshoe4	3S	Bow Hydro	BOW
Kananaskis1	2S	Bow Hydro	BOW
Kananaskis2	2S	Bow Hydro	BOW
Kananaskis3	2S	Bow Hydro	BOW
AB Newsprint G1	122S	AB Newsprint	ANC1
AB Newsprint G10	122S	AB Newsprint	ANC1
AB Newsprint G2	122S	AB Newsprint	ANC1
AB Newsprint G3	122S	AB Newsprint	ANC1
AB Newsprint G4	122S	AB Newsprint	ANC1
AB Newsprint G5	122S	AB Newsprint	ANC1
AB Newsprint G6	122S	AB Newsprint	ANC1
AB Newsprint G7	122S	AB Newsprint	ANC1
AB Newsprint G8	122S	AB Newsprint	ANC1
AB Newsprint G9	122S	AB Newsprint	ANC1
Drywood 1	415S	Drywood	DRW1
Drywood 2	415S	Drywood	DRW1
Slave Lake Pulp	844S	Slave Lake	SLP1
University of Alberta	N/A	University of Alberta	UOA1
Northstone Power	N/A	NPC1 Denis St. Pierre	NPC1
University of Calgary	N/A	U of C Generator	UOC1
Altagas Edson	N/A	Edson	TLM2
Dickson Dam	N/A	Dickson Dam	DKSN
Minnehik-Buck Lake	N/A	Minnehik-Buck Lake	PW01
House Mountain	N/A	House Mountain	HSM1
Lethbridge Taber	N/A	Lethbridge Taber	ME02
Lethbridge Burdett	N/A	Lethbridge Burdett	ME03
Lethbridge Coaldale	N/A	Lethbridge Coaldale	ME04
JL Landry	N/A	JL Landry	NPC2

Information Document
AESO Designation of Generating Units
ID #2018-015R



Generator	FACILITY_CODE	CSD Name	Asset ID
ALP	N/A	ALP	ALP2
MFC Mazeppa	N/A	MFC Mazeppa	MFG1
Ralston	N/A	Ralston	NAT1
West Cadotte	N/A	West Cadotte	WCD1