

# Current Supply & Demand Report Metadata

Report Category: Current



## METADATA

### Data Description

Current Supply Demand Report - Presents a reasonable estimate of the Alberta supply & demand status in near real-time.

Current Supply Demand (CSD) Report Help	
Legend	
*	Indicates a net-to-grid asset. The value reported in the MC column represents the asset's gross MW value
^	Indicates that the asset includes energy storage
Last Update	The latest time stamp of the report data updated
Alberta Total Net Generation	Total telemetered Net Generation within the Alberta control Area
Net Actual Interchange	Control area interchange between Alberta and British Columbia, Saskatchewan, and Montana - Defined as Import (-) or Export (+)
Alberta Internal Load (AIL)	Calculated total Alberta demand based on all telemetered Control Area Net Generation plus Interchange.
Net-To-Grid Generation	<p>Net-To-Grid Generation is calculated as per the definition "net generation the ISO determines is delivered to the grid" in Alberta Reliability Standard BAL-002-WECC-AB-2).</p> <p>Load used to calculate contingency reserves requirements, as per BAL-002-WECC-AB-2, is Net-To-Grid Generation minus Net Actual Interchange. Please see BAL-002-WECC-AB-2 for more information</p>
Contingency Reserve Required	Based on the WSCC Reserve calculation Methodology - DCR Required is the amount of Contingency reserve that should be obtained on average during the hour
DCR	Dispatched (and Accepted) Contingency Reserve
DCR Generation	Total Dispatched Contingency Reserve obtained from Generation assets
DCR Other	Total Dispatched Contingency Reserve obtained from Non- Generation assets (Interconnections and Load)
DCR Total	The mathematical sum of DCR Generation plus DCR Other
LSSi Armed Dispatch	<p>Load Shed Service for imports (LSSi) is provided by market participants that agree to reduce load following the sudden loss of imports over the interties. This load shedding allows for arrest and recovery from frequency decay and preserves system stability.</p> <p><b>LSSi Armed Dispatch</b> is the amount of real power (in MW) to be armed for LSSi as Dispatched by the System Controller (the "Dispatched Volume").</p>

LSSi Offered Volume	<b>LSSi Offered Volume</b> is the amount of real power (in MW) offered by the LSSi Service Provider (in MW and recorded as a whole number) (the “Offered Volume”).
Long Lead Time Volume	The amount of real power (in MW) of source assets that require more than one (1) hour to synchronize to the system under normal operating conditions which are not delivering its energy for reasons other than an outage.
MC	Maximum Capability. For a generating asset, the maximum quantity (MW) that the generating asset is physically capable of providing under optimal operating conditions for that asset while complying with all applicable ISO rules and terms and conditions of the ISO tariff. Note that the MCs of coal units are net of auxiliary load.
MCR	Maximum Continuous Rating
TNG	Total Net Generation (Gross Generation minus Asset service)

#### Available Formats

- A unit is listed in the CSD page if it is energized, in commercial operation, and if its size is larger than 5 MW.
- A unit is excluded if it is retired or is no longer operating.

#### Available Formats

- HTML

#### Timing of Updates

This report is updated on every 2 minutes.