

# Cluster 2

## System Access Service Request

### *Cluster Assessment Process*

**Template Version:** V1.4 2024-09-16

**Classification:** AESO Protected

## Section 1 - Contact Information

### 1-1 Applicant

*The Applicant will be the holder of any system access service (SAS) agreements requested in this SASR, and must be the same legal owner as the holder of any SAS agreements being modified by this SASR.*

Corporate Legal Name:

Mailing Address:

Contact Name & Title:

Phone:  Email:

Alternate Name & Title:

Phone:  Email:

Provide the contact information for invoicing of fees:

Contact Name & Title:

Phone:  Email:

Provide the accounts payable e-mail for sending fee invoices:

Email:

### 1-2 Generating Unit / Energy Storage Resource / Aggregated Facility Owner (GFO)

Same contact information as Applicant; or

Corporate Legal Name:

Mailing Address:

Contact Name & Title:

Phone:  Email:

Alternate Name & Title:

Phone:  Email:

## Section 2 - Request Information

### 2-1 Details

Provide a description of this request and any relevant details:

Is the Applicant exploring the Market Participant Choice option for this request?  Yes  No

List any SASRs or Connection Projects related to this request and explain the relationship:

Describe any future development contemplated for the facility that is not included in this request:

### 2-2 AUC Applications and Approvals

*Provide the status of the AUC power plant application that is associated with this request:*

- Power plant application is not yet filed, the target filing date is:
- Power plant application is filed, and currently in AUC Proceeding #:
- Power plant application was approved in AUC Decision #:
- An amendment was or is required to the approval in AUC Decision #:

Generation from this power plant will supply on-site load facilities (self-supply).

Self-supply type:

Basis for metered energy:

## Section 3 - GFO Facility Information

### 3-1 Description

Is this request for a new facility, or a modification to an existing facility?

GFO Facility Name:

Assigned Substation Name/Number (if applicable):

Facility Legal Land Description (e.g., NW-27-9-25-W2):

Does the GFO have control of at least 90% of the site needed for their facility?  Yes

*Note: The AESO retains the right to request evidence of facility site control at any time during the connection process.*

Explain any infrastructure or services this facility shares or will share with any facilities approved under a separate AUC power plant decision (control buildings, station service, bus, fence, access, etc):

### 3-2 Grid Connection

Is or will the facility be connected to the transmission or distribution system?

For a new facility connection, what is the requested connection date to the system?

*For a facility connecting to the distribution system (i.e., a DER) complete the following:*

Connected to Distribution Feeder(s):

Upstream Substation Name / Number:

Upstream 25kV Bus Number(s):

### 3-3 Technical Files

Have you attached the conceptual SLD of the facility?  Yes

Have you attached the Stage 0 PDUP, as outlined in the Stage 0-1-2 PDUP Supplement?  Yes

Have you completed and attached the Stage 0 PDUP Checklist?  Yes

PDUP Prepared By:  Company:

### 3-4 Facility Loads

*Detail the loads that will be present at the facility (excluding charging of energy storage resources):*

	Existing	Added	Total
<input type="checkbox"/> Station Service Load	<input type="text"/> MW	<input type="text"/> MW	<input type="text"/> MW
<input type="checkbox"/> Carbon Capture Load	<input type="text"/> MW	<input type="text"/> MW	<input type="text"/> MW
<input type="checkbox"/> Other On-Site Load	<input type="text"/> MW	<input type="text"/> MW	<input type="text"/> MW

## Section 4.1 - Source Asset 1 Information

### 4.1-1 Energy Market

Is this a new source asset or an existing source asset?  New  Existing, Asset ID:

Provide the details of the maximum capability (MC) of the source asset:

Existing MC:	MW	Added MC:	MW	Total MC:	MW
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The source asset MC is controller limited due to:

### 4.1-2 Source Asset Components *(Complete as many as apply)*

**1** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

**2** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

**3** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

## Section 4.2 - Source Asset 2 Information *(Complete if second source asset requested)*

### 4.2-1 Energy Market

Is this a new source asset or an existing source asset?  New  Existing, Asset ID:

Provide the details of the maximum capability (MC) of the source asset:

Existing MC:	MW	Added MC:	MW	Total MC:	MW
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The source asset MC is controller limited due to:

### 4.2-2 Source Asset Components *(Complete as many as apply)*

**1** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

**2** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

**3** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

## Section 4.3 - Source Asset 3 Information *(Complete if third source asset requested)*

### 4.3-1 Energy Market

Is this a new source asset or an existing source asset?  New  Existing, Asset ID:

Provide the details of the maximum capability (MC) of the source asset:

Existing MC:	MW	Added MC:	MW	Total MC:	MW
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The source asset MC is controller limited due to:

### 4.3-2 Source Asset Components *(Complete as many as apply)*

**1** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

**2** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

**3** Source Type:  First Sync to Grid:  COD:

	Existing	Added	Total
Installed Capacity	MVA	MVA	MVA
Maximum Authorized Real Power	MW	MW	MW
Annual Energy Production	MWh	MWh	MWh
<i>Complete the following for components that include an energy storage type only:</i>			
Rated Energy	MWh	MWh	MWh
Maximum Authorized Charging Power	MW	MW	MW
Charging Method			

## Section 5 - SAS Agreement Information

Complete the distribution-connected or transmission-connected section as applicable. All requested contract capacities will have a start date of the first of the month in the executed SAS agreement.

### 5-1 SAS Agreements Related to Transmission-Connected Facilities

Each source asset for a transmission-connected facility must have its own STS agreement. An STS agreement must be in place for any flows onto the grid, including during commissioning.

STS Agreement For Source Asset 1				
Event				
Date				
Capacity	MW	MW	MW	MW
STS Agreement For Source Asset 2 (if second source asset requested)				
Event				
Date				
Capacity	MW	MW	MW	MW
STS Agreement For Source Asset 3 (if third source asset requested)				
Event				
Date				
Capacity	MW	MW	MW	MW

A transmission-connected facility may have a single DTS agreement for the facility. A DTS agreement must be in place for any flows from the transmission system, including during construction.

DTS Agreement For Facility				
Event				
Date				
Capacity	MW	MW	MW	MW

What has been attached for EUA Section 101 requirements?

### 5-2 SAS Agreements Related to Distribution-Connected Facilities

For a facility connecting to the distribution system (i.e., a DER), the SAS agreements are applied at the upstream substation and based on the DFO service needs at that substation.

STS Agreement For Upstream Substation				
Event				
Date				
Capacity	MW	MW	MW	MW
DTS Agreement For Upstream Substation				
Event				
Date				
Capacity	MW	MW	MW	MW

### 5-3 Demand Opportunity Service (DOS)

This facility is interested in applying for DOS when available. Potential DOS Amount: MW



## Section 6 - SASR Submission

The Applicant requests new or altered system access service on the transmission system. The Applicant acknowledges this SASR represents a request only and is not a contract between itself and the AESO. The Applicant understands that if the AESO identifies deficiencies in this SASR, the SASR may be rejected.

The Applicant also acknowledges that the information in the SASR is critical to the efficient and effective execution of the connection process. If at any point in the connection process the AESO determines that the information provided in the SASR was false, inaccurate, incomplete, or has changed without timely notification, the AESO may reject the SASR and cancel the related connection project.

The Applicant understands that further to acceptance of the SASR, the AESO may impose additional requirements for admission into the connection process. The Applicant has reviewed the current list of these requirements found under Initiating a Project on the [AESO website](#), and the Applicant confirms their intention to satisfy these requirements concordantly with the SASR.

The Applicant acknowledges that the AESO will publicly share some of the project related information contained in this form for the purpose of carrying out work associated with the AESO Connection Process, and by submitting the SASR the Applicant consents to said use.

- I confirm that I have the authority to submit this SASR on behalf of the Applicant, and confirm that the information provided herein this SASR including attachments is true and complete.

Name:

Title:

Date:

To lock the SASR for submission, press the Lock SASR button below, which will be enabled after checking the confirm box above. After locking, **the information in the form will no longer be editable**, so ensure that you have saved a copy of the SASR prior to locking in case further edits are required. Please note, a SASR must be locked prior to submission. Submit the locked SASR along with any required attachments via email to [customer.connections@aeso.ca](mailto:customer.connections@aeso.ca).

## Section 7 - AESO Internal Use Only

SASR Receipt Date:

SASR Decision Date:

SASR Decision:  Accepted

Rejected

List the reasoning for the decision and any additional details related to this SASR:

AESO Project Number:

AESO Project Name:

AESO Project Manager:

Planning Area:

Designated TFO: