

**DRAFT**

# **Rule 024** (Version 1.0)

## **Rules Respecting Micro-Generation**

This revised rule was approved by the Alberta Utilities Commission on Month Day, 2017, and is effective on Month Day, 2017.

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## 1 Definitions

In this rule,

- (a) “aggregated sites” means aggregated sites as defined in the *Micro-Generation Regulation*;
- (b) “Commission” means the Alberta Utilities Commission;
- (c) “customer” has the meaning set out in the *Electric Utilities Act*;
- (d) “inverter” means an electronic device that converts DC electricity into AC electricity;
- (e) “micro-generation generating unit” means a micro-generation generating unit as defined in the *Micro-Generation Regulation*;
- (f) “micro-generation notice” means a micro-generation notice provided by the customer to the owner in accordance with Section 2(1) or 2.1(1) of the *Micro-Generation Regulation* and this rule;
- (g) “notice of dispute” means a notice prepared by the owner and filed with the Commission in accordance with Section 2(2) or 2.1(2) or Section 4(3) or 4(3.1) of the *Micro-Generation Regulation* and this rule;
- (h) “notice of complaint” means a notice prepared by the customer and filed with the Commission in accordance with Section 3(5) of the *Micro-Generation Regulation* and this rule;
- (i) “owner” means the owner of an electric distribution system in the service area where the customer plans to construct or alter and operate a micro-generation generating unit.

## 2 Exemption from application and micro-generation notice requirements

A customer who plans to construct or alter and operate a micro-generation generating unit to meet all or a portion of the customer’s total energy consumption, and the unit’s nameplate capacity does not exceed five megawatts, and who intends to connect the unit to the interconnected electric system may proceed without filing a power plant application under Rule 007: *Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments* to the Commission if

- (a) the construction or alteration and operation of the unit
  - (i) does not directly and adversely affect any person,
  - (ii) does not have any adverse environmental impact; and

(iii) the unit is constructed or altered and operated, in compliance with Rule 012, *Noise Control*.

### **3 Micro-generation notice submission process**

- (1) Prior to filing a micro-generation notice with the owner, a customer must notify and consult with stakeholders, in accordance with Appendix A1- Participant involvement program guidelines of Rule 007, on the plan to construct or alter and operate a micro-generation generating unit.
- (2) A customer who intends to construct or alter and operate a micro-generation generating unit shall complete a micro-generation notice, Form A, and send the completed notice and all supporting documents to the owner.
- (3) Within 14 days of the receipt of a micro-generation notice, the owner shall
  - (a) notify the customer of whether the notice and documents are complete;
  - (b) if the notice and the required documents are complete,
    - (i) notify the customer that the owner accepts the notice and confirm the connection date of the micro-generation generating unit; or
    - (ii) notify the customer that the owner is disputing the qualification of the micro-generation generating unit.
- (4) If the owner does not dispute that the micro-generation generating unit qualifies as a micro-generation generating unit or in the event that the Commission decides that a disputed unit is a micro-generation generating unit, to receive credit compensation for micro-generation, the customer must provide notice in writing to the customer's retailer or regulated rate option provider.

### **4 Qualification as a micro-generation generating unit**

- (1) Within 14 days of receipt of a completed micro-generation notice from a customer, if the owner considers that the customer's proposed micro-generation generating unit will not qualify as a micro-generation generating unit, the owner shall complete a notice of dispute, Form B, and send a copy of the notice of dispute to the customer, at the contact address and in the manner indicated in the micro-generation notice.
- (2) An owner shall file a notice of dispute with the Commission through the Commission's eFiling System within 14 days of receipt of a complete micro-generation notice.
- (3) On receipt of the notice of dispute, the Commission shall, within 30 days or such longer period as the Commission considers necessary, issue its decision in accordance with Section 2(3) or 2.1(3) of the *Micro-Generation Regulation*.

## **5 Costs of bi-directional interval meter**

- (1) If a customer requests that the installation of a bi-directional interval meter for small micro-generation under Section 3(2) of the *Micro-Generation Regulation*, and the owner declines the request, the owner shall notify the customer of its decision at the customer's contact address and in the manner indicated in the request, within 14 days following receipt of this request.
- (2) Within 14 days of the receipt of a notification declining the bi-directional interval meter request, the customer may apply for an order requiring the owner to comply with the customer's request for the installation of a bi-directional interval meter by completing a notice of complaint, Form C, and filing it with the Commission through the Commission's eFiling System.
- (3) The customer shall send a copy of the notice of complaint to the owner at the owner's contact address in the manner indicated in the notification given by the owner.

## **6 Extraordinary interconnection costs**

- (1) Following receipt of a complete micro-generation notice from a customer, if the owner considers the costs of connecting a customer's micro-generation generating unit to be extraordinary for the reasons set out in Section 4(3) or 4(3.1) of the *Micro-Generation Regulation*, the owner shall file a completed notice of dispute, Form B through the Commission's eFiling System within 14 days from the date in which the owner finalizes its cost estimate.
- (2) The owner shall send a copy of the notice of dispute to the customer, at the customer's contact address and in the manner indicated in the micro-generation notice within 14 days from the date in which the owner finalizes its cost estimate.

## **7 General provisions**

- (1) With respect to a notice of dispute or a notice of complaint filed with the Commission, the Commission will determine the process for the notice.
- (2) Rules 007 and 012 apply to a micro-generation generating unit.
- (3) Rule 021: *Settlement System Code Rules* applies to all transactions conducted under the *Micro-Generation Regulation*.

Owner's Logo

## Form A – Micro- Generation Notice

(If you have questions on how to fill in the form, refer to Micro-Generation Notice Submission Guideline posted on the AUC website: [www.auc.ab.ca](http://www.auc.ab.ca))

### Check the appropriate boxes to identify your micro-generation project:

Project meets micro-generation generating unit size requirements (i.e. not more than 5 MW)? Yes  No

Are you an existing micro-generation customer? Yes , existing capacity: \_\_\_\_ kW; No

Are you planning to increase or decrease the generation capacity? Yes , capacity change (+/-): \_\_\_\_ kW; No

Is this notice being used for aggregating multiple sites? Yes  No

APPLICANT IDENTIFICATION			
Name:		Company Name:	
Address:		City:	
Province:	Postal code:	Phone:	Fax:
email address:		Preferred method of contact: Email <input type="checkbox"/> Mail <input type="checkbox"/> Fax <input type="checkbox"/>	
Consultant name:		Consultant phone #:	
Consultant address/city/province/postal code:			
Other interested parties:			
PROJECT DESCRIPTION (If the project involves aggregated sites, list the legal land descriptions; site ID, service addresses, retailer name, annual consumption and demand of each site. Use separate paper if more sites are involved.)			
Legal land description(s): Site 1. Site 2. Site 3. Site 4.		Site ID(s): Site 1. Site 2. Site 3. Site 4.	
Service address(s): Site 1. Site 2. Site 3. Site 4.		Retailer name(s): Site 1. Site 2. Site 3. Site 4.	
Energy source(s) of the Generator(s): Solar <input type="checkbox"/> Wind <input type="checkbox"/> Hydro <input type="checkbox"/> Biomass <input type="checkbox"/> Fuel cell <input type="checkbox"/> Other <input type="checkbox"/> Specify: _____			
Type(s) of Generator(s) connected to the utility interface: Inverter based <input type="checkbox"/> Induction <input type="checkbox"/> Synchronous <input type="checkbox"/>			
Micro-generation Generating Unit(s) nameplate capacity (kW):	Demand (kVA): Site 1: Site 2: Site 3: Site 4:	Customer annual consumption (kWh): Site 1: Site 2: Site 3: Site 4:	
Projected total annual energy production (kWh) from the micro-generation generating unit(s) :			
Voltage level of connection:		Phase: Single <input type="checkbox"/> Three <input type="checkbox"/>	
Does your generator meet the MG Regulation's "Micro-Generation Generating Unit" definition? Yes <input type="checkbox"/> No <input type="checkbox"/>			

If you have inverter(s) in your micro-generating unit(s), does it comply with "CSA Standard C22.2 107.1 – Power Conversion Equipment" in particular standards respecting "Anti-islanding"? Yes  No

If you have inverter(s), please specify the inverter(s) type(s) used: \_\_\_\_\_

Does your generator meet the MG Regulation's "Renewable or Alternative Energy" Definition? Yes  No

Requested in service date (YY-MM-DD) for connection: \_\_\_\_\_

**SUPPORTING DOCUMENTS REQUIRED:**

Have you included all of the required supporting documentation listed below?

- a) Electric single-line diagram Yes  No
- b) Site Plan Yes  No
- c) Electrical Permit Yes  No
- d) Electrical Inspection Report Yes  No
- e) Other supporting document(s), please specify: \_\_\_\_\_

Have you met all applicable municipal and zoning requirements, including noise rules and by-laws? Yes  No  Please specify: \_\_\_\_\_

\* Have you completed the participant involvement program stated in AUC Rule 007? Yes  No  Please specify: \_\_\_\_\_

\* Have you met the requirements stated in AUC Rule 012? Yes  No  Please specify: \_\_\_\_\_

\* Have you met all applicable environmental requirements? Yes  No  Please specify: \_\_\_\_\_

\* Are you aware of any outstanding objections from any person regarding your project? Yes  Please specify: \_\_\_\_\_ No

**Applicant Signature:**

**Submission date:**

**ELECTRIC DISTRIBUTION SYSTEM OWNER USE ONLY:**

Owner's notice reference #:

AESO asset ID (if any):

Date received:

Interconnection Line:

**Approval:** Yes  No  Reason(s) for disapproval:

Interconnection agreement signed? Yes  No  Not Applicable

Meter type: Interval  Cumulative

Substation Number:

Meter Installed Date:

Remarks:

\* Notes: The micro-generation customer must ensure that the criteria for granting an exemption from filing an application with the Commission as stated in Section 2 of this rule are satisfied.

In order to receive electricity generation credits, the micro-generation customer must notify its retailer or regulated rate provider once the notice is approved by the owner.

## Form B – Notice of Dispute

To be completed by owner when there is a dispute with respect to the customer's eligibility to become a micro-generator or on the question of extraordinary costs.

Information required must include the following:

Contact person for the dispute notice:	Name:
	Phone:
Is owner represented by another person?	Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, provide name and contact information
Is a copy of the MG project notice (Form A) attached?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Rejection type:	<input type="checkbox"/> Qualification (MG Regulation - Sections 2(2) or 2.1(2)) <input type="checkbox"/> Extraordinary costs (MG Regulation - Sections 4(3) or 4(3.1))
If dispute is related to Section 2(2) or 2.1(2), has owner served notice on customer within 14 days?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Rejection rationale:	
Other information attached:	

Date of submission: \_\_\_\_\_

## Form C – Notice of Complaint

To be completed by micro-generation customer when there is complaint on the metering cost.

Information required must include the following:

Contact person who submits the complaint notice:	Name:
	Phone:
If customer is represented by other party?	Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, provide name and contact information:
Attached a copy of the MG project notice (Form A):	Yes <input type="checkbox"/> No <input type="checkbox"/>
Type of complaint:	<input type="checkbox"/> Interval metering costs (MG Regulation Section 3(5))
Provide full details of the complaint:	
Other Information attached:	

Date of submission: \_\_\_\_\_