

# Rule 024

## Rules Respecting Micro-Generation

This rule as amended was approved by the Alberta Utilities Commission on June 12, 2013, and is effective on June 12, 2013.

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## 1 Definitions

In these rules,

- (a) “Act” means the *Electric Utilities Act*;
- (b) “applicable owner” means the owner of an electric distribution system in whose service territory the relevant micro-generation unit and interconnection of that unit is proposed or located;
- (c) “Commission” means the Alberta Utilities Commission;
- (d) “customer” means a person purchasing electricity for the person’s own use;
- (e) “inverter” means an electronic device that converts DC electricity into AC electricity;
- (f) “micro-generation generating unit” has the meaning ascribed in the *Micro-Generation Regulation*.
- (g) “notice of application” means a micro-generation project notice provided by the customer to the applicable owner in accordance with Section 2(1) of the regulation and in the form set out in Form A - Generation project (less than 1 MW) notice;
- (h) “notice of complaint” means a notice prepared by the customer and filed with the Commission in accordance with Section 3(5) of the regulation and in the form set out as Form C - Notice of complaint;
- (i) “notice of dispute” means a notice prepared by the applicable owner and filed with the Commission in accordance with Section 2(2) or Section 4(3) of the regulation and in the form set out in Form B - Notice of dispute;
- (j) “owner” means the owner of an electric distribution system;
- (k) “regulation” means the *Micro-Generation Regulation*, Alta. Reg. 27/2008.

## 2 Micro-generation application requirements

- (1) If the customer plans to construct a micro-generation generating unit solely to meet all or a portion of its electricity needs, and the unit’s generating capability is rated at less than or equal to one megawatt, the customer may proceed without filing an application to the Commission. Instead, the customer must inform the owner of its plan to construct a micro-generation generating unit and use the notice of application as its application form for connection approval by the owner.
- (2) The customer must ensure no person is directly and adversely affected by the construction or operation of the micro-generation generating unit and there is no adverse effect on the environment, including noise. Customers must be in compliance with the environmental and noise impact assessment requirements of

**3 Application to supply electric energy**

A customer who intends to supply electric energy to the interconnected electric system from a micro-generation generating unit shall complete a notice of application and shall serve the notice of application on the applicable owner.

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

(1) If, following receipt of a complete notice of application from a customer, the applicable owner considers that the customer's proposed generating unit will not qualify as a micro-generation generating unit, the applicable owner shall complete a notice of dispute.

(2) An applicable owner must serve a copy of the notice of dispute on the customer within 14 days of receipt of a complete notice of application, at the contact address and in the manner indicated in the notice of application.

(3) An applicable owner shall file a notice of dispute within 14 days of receipt of a complete notice of application. 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 the provisions of Section 2(3) of the regulation.

**5 Costs of interval meter**

(1) If a customer has requested that a bi-directional interval meter be installed for its small micro-generation, and the applicable owner declines the request, the applicable owner shall notify the customer of its decision within 14 days following receipt of this request.

(2) The notice required under Section 5(1) of these rules, declining the bi-directional interval meter request, shall be served on the customer at the contact address and in the manner indicated in the notice of application, and shall indicate the contact address and manner in which the applicable owner may be served.

(3) On receipt of a notice declining the bi-directional interval meter request, the customer may apply to the Commission for an order requiring the applicable owner to comply with the customer's request for the installation of a bi-directional interval meter by completing and filing with the Commission a notice of complaint.

(4) The notice of complaint must be filed with the Commission within 14 days following receipt of the notice declining the bi-directional interval meter request.

(5) A copy of the notice of complaint must be served by the customer on the applicable owner.

## 6 Extraordinary interconnection costs

- (1) Following receipt of a complete notice of application from a customer, if the applicable 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) of the regulation, the applicable owner shall file a notice of dispute with the Commission within 14 days from the date in which the applicable owner finalizes its cost estimate.
- (2) A copy of the notice of dispute shall be served on the customer, by the applicable owner, at the contact address and in the manner indicated in the notice of application within 14 days from the date in which the applicable owner finalizes its cost estimate.

## 7 General provisions

- (1) With respect to any application or complaint filed with the Commission pursuant to the regulation or these rules, the Commission will determine the process it considers appropriate to follow given the subject matter before it.

- (2) AUC Rule 021: *Settlement System Code Rules* shall apply, as required, to all transactions conducted under the regulation.
- (3) AUC Rule 007: *Applications for Power Plant, Substations, Transmission Lines, and Industrial System Designations*, shall apply.
- (4) AUC Rule 012: *Noise Control*, shall apply.

**< Enter Wire Service Provider Name Here >**

**Check one of the following boxes to identify your project:**

- Micro-generation project       - Less than 1 MW (project meets micro-generation requirements)  
 Are you an existing micro-generation customer? Yes , existing capacity: \_\_\_\_\_ kW; No
- Non micro-generation project       - Less than 1 MW

<b>APPLICANT IDENTIFICATION</b>			
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:			
<b>PROJECT DESCRIPTION</b>			
Legal land description:		Site ID:	
Service address:		Retailer name:	
If this is a MG project, have you notified your retailer about your project? Yes <input type="checkbox"/> No <input type="checkbox"/>			
Generator type: 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: _____			
Generator to utility interface: Inverter <input type="checkbox"/> Non-inverter <input type="checkbox"/> Induction <input type="checkbox"/> Synchronous <input type="checkbox"/>			
Generator rated capacity (kW):	Demand (kVA):	Customer annual consumption (kWh):	
Voltage level of connection:		Phase: Single <input type="checkbox"/> Three <input type="checkbox"/>	
Is the electricity produced to be used primarily by the generation owner?		Yes <input type="checkbox"/> No <input type="checkbox"/>	
If you are applying for a non-MG project, are you selling electricity to the AESO?		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Does your generator unit satisfy Anti-Islanding Clause CSA Standard C22.2 107.1? Yes <input type="checkbox"/> No <input type="checkbox"/>			
If you are applying for a MG project, does your generator meet Micro-Generation Regulation's Renewable/Alternative Energy Definition? Yes <input type="checkbox"/> No <input type="checkbox"/>			
Requested in service date (YY-MM-DD):			
<b>SUPPORTING DOCUMENTS ATTACHED:</b>			
Electric single-line diagram attached: Yes <input type="checkbox"/> No <input type="checkbox"/>		Site plan: Yes <input type="checkbox"/> No <input type="checkbox"/>	
Has an electrical permit been obtained? Yes <input type="checkbox"/> Not yet <input type="checkbox"/>			
Have you met all applicable municipal and zoning requirements, including noise rules? Yes <input type="checkbox"/> No <input type="checkbox"/> Please specify: _____			
* Have you met the requirements stated in AUC rules 007 and 012? Yes <input type="checkbox"/> No <input type="checkbox"/> Please specify: _____			
* Have you met all applicable environmental requirements? Yes <input type="checkbox"/> No <input type="checkbox"/> Please specify: _____			
* Are you aware of any outstanding objections from nearby landowners or residents regarding your project? Yes <input type="checkbox"/> Please specify: _____ No <input type="checkbox"/>			
<b>Applicant signature:</b>		<b>Date of application:</b>	
<b>WIRE SERVICE PROVIDER USE ONLY:</b>			
Wires owner's application reference #:		AESO asset ID (if any):	
Date received:		Interconnection line:	
<b>Approval: Yes <input type="checkbox"/> No <input type="checkbox"/> Reason(s) for disapproval:</b>			
Interconnection agreement signed? Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable <input type="checkbox"/>			
Meter type: Interval <input type="checkbox"/> Cumulative <input type="checkbox"/>		Substation number:	
Meter installed date:			

\* Note: If you have not met the requirements of the AUC rules (i.e. 007 and 012, including environment) or have objections from nearby landowners and residents, you MUST apply to the Commission for approval.

## Form B - Notice of dispute

To be completed by applicable owner when there is a dispute with respect to the customer's eligibility of becoming a micro-generator or issue on extraordinary costs. Information required must include the following:

Contact person for the dispute notice:	Name:
	Phone:
Is applicable 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 – Section 2.2) <input type="checkbox"/> Extraordinary costs (MG regulation – Section 4.3)
If dispute is related to Section 2.2, has owner served notice on customer within 14 days?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Rejection rationale:	
Other information attached:	

Date of submitting this notice \_\_\_\_\_

## Form C - Notice of complaint

To be completed by customer when there is a 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 submitting this notice \_\_\_\_\_