
Exploratory Interconnection Request - Generation

Refer to the business practice for exploratory generation interconnection requests for further details on terms and conditions.

Requestor to represent and warrant that the data submitted in this exhibit is complete and accurate. Any errors or omissions are the responsibility of the requestor. Changes to submitted information that is required to provide (unless it is contact information) will require a new request to be submitted.

Submitted by: _____

Title: _____

Date: _____

INTERCONNECTION CONTACT	
Company Name: OR SaskPower Department:	<i>(Required to provide.)</i>
Contact Name:	<i>(Required to provide.)</i>
Mailing Address:	<i>(Required to provide.)</i>
E-mail Address:	<i>(Required to provide.)</i>
Telephone Number:	<i>(Required to provide.)</i>

INTERCONNECTION TYPE	
<ul style="list-style-type: none"> • Network Resource (NRIS)¹ • Energy Resource (ERIS)² • Load Customer Self-Supply • Intra-Provincial Transmission Tariff (IPTT)³ • Modification of Existing Facilities 	<i>(If available to provide.)</i>

¹ NRIS: Interconnection service allows customer to interconnect generation facility with SaskPower transmission system to serve load as a network resource. Network upgrades will be determined to allow generation deliverability to the SaskPower transmission system. This typically requires physical interconnection facilities and system reinforcement facilities. NRIS in and of itself does not convey transmission service.

² ERIS: Interconnection service allows customer to interconnect generation facility with SaskPower system to deliver generation facility output using non-firm (or existing firm) transmission capacity on available basis. This typically requires only physical interconnection facilities. ERIS in and of itself does not convey transmission service.

³ IPPT: Interconnection service allows a customer to connect its generating facility to the SaskPower transmission system and be eligible to deliver the generating facility's output to a Specified RAS customer pursuant to the Intra-Provincial Transmission Tariff. IPPT in and of itself does not convey transmission service.

SITE LOCATION AND PROPOSED IN-SERVICE DATES:	
Proposed Location of Project: (Provide Section-Township-Range-Meridian or UTM or GPS coordinates or provide name of site if this is a modification to an existing generating facility.)	(Required to provide.)
Proposed Commercial Operation Date for Generating Facility:	(If available to provide.)
Proposed In-Service Date for Interconnection Facilities: (Proposed date by which the facilities needed to interconnect to the SaskPower transmission system are in-service.)	(Required to provide.)
Have conversations been held with SaskPower about commercial terms for selling energy back to SaskPower?	<p style="text-align: center;">YES NO</p>

GENERATING FACILITY DATA:	
Number of units (include # of generating units/wind turbines/inverters):	(If available to provide.)
Type (synchronous, induction, doubly-fed induction, back-to-back convertor, inverter, etc.):	(If available to provide.)
Energy Source: (steam turbine, gas/combustion turbine, wind turbine, hydro turbine, solar, etc.)	(If available to provide.)
Modes of operation: (base-load, peaking, synchronous condense, intermittent, etc.)	(If available to provide.)
Rated Output (MVA, MW, MVA _r):	(Required to provide.)
Reactive Power capability (+/-MVA _r):	(Required to provide.)
Net output to SaskPower System (Cumulative production capacity range for total generating facility):	<p>Maximum (MW): (Required to provide.)</p>

	Minimum (MW): <i>(Required to provide.)</i>
Station Power Requirements: (MW, MVA _r)	At Maximum Production: <i>(If available to provide.)</i> At Minimum Production: <i>(If available to provide.)</i>

GENERATOR STEP-UP TRANSFORMER DATA:		
Rating ONAN/ONAF (MVA):	<i>(If available to provide.)</i>	
Winding voltage (kV) and connections (Delta, Wye, Wye Gnd.):	HV winding (H) <i>(If available to provide.)</i>	Voltage: Connection:
	LV winding (L) <i>(If available to provide.)</i>	Voltage: Connection:

GENERATOR SUBSTATION MAIN STEP-UP TRANSFORMER⁴ DATA (if applicable), provide data in additional table(s) for more than one transformer if not identical:		
Rating ONAN/ONAF (MVA):	<i>(If available to provide.)</i>	
Winding voltage (kV) and connections (Delta, Wye, Wye Gnd.):	HV winding (H) <i>(If available to provide.)</i>	Voltage: Connection:
	LV winding (L) <i>(If available to provide.)</i>	Voltage: Connection:

⁴ Transformer(s) stepping the high voltage side of the GSU to the voltage level at the point of interconnection.

	Tertiary winding (T) <i>(If available to provide.)</i>	Voltage: Connection:
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DRAWINGS:
General site location map showing land location of the generation plant facilities. <i>(If available to provide.)</i>
Preliminary/conceptual site plan showing the station location, layout, and the point of interconnection (point of change of ownership) to the SaskPower system. <i>(If available to provide.)</i>
Preliminary/conceptual station layout drawing for generation plant facilities. <i>(If available to provide.)</i>
Preliminary/conceptual electrical single-line diagram of the generation plant electrical equipment and other associated facilities. <i>(If available to provide.)</i>

OTHER DATA:	
Provide any other relevant information for the purpose of facilitating interconnection to the SaskPower system. For example, operating and maintenance scenarios, backup generation/load requirements, load/generation interdependencies, processes etc.	<i>(If available to provide.)</i>
Provide information regarding any temporary interconnections to the SaskPower system.	<i>(If available to provide.)</i>

Generation facilities must comply with applicable SaskPower standards, including but not limited to SaskPower’s Generation Interconnection Requirements⁵, Electric Service Requirements⁶, and adopted NERC standards in Saskatchewan⁷.

⁵ https://www.oasis.oati.com/woa/docs/SPC/SPCdocs/SaskPower_Generator_Interconnection_Requirements.pdf

⁶ <https://www.saskpower.com/accounts-and-services/permits-and-inspections/electrical-permits/electric-service-requirements>

⁷ <http://www.sera-sk.ca/resources/>