

This form is to be completed and submitted in order to confirm project data at the 110 day threshold. Please submit this form as part of the required 110 day package.

Please note: The form may be returned if any of the fields are incomplete.

CONTACT INFORMATION			
Company Name:		FortisAlberta Project #:	
Site Contact Name:		Site Contact Phone Number:	

PROJECT INFORMATION	
Confirmed In Service date:	
AESO Asset ID:	
AUC Connection Order Number:	
Breaker Failure protection confirmed?	

GENERATOR GENERAL INFORMATION	
Maximum generation:	
Operating power factor at the site:	
Type (Synchronous, Induction, Inverter):	
Prime Mover Type:	
Number of units:	
Nominal Rating (kW, kVA, volts):	
Single or Three Phase:	
Generator Connection Configuration (Delta, Wye):	
Generator Grounding:	

GENERATOR PARAMETERS (SYNCHRONOUS TYPE)	
Number of Poles:	
Steady State Reactance (X_d):	
Transient Reactance (X'_d):	
Subtransient Reactance (X''_d):	
Negative Sequence Reactance:	
Zero Sequence Reactance:	
Grounding Impedance:	
Inertia of all rotating mass:	
GENERATOR PARAMETERS (INDUCTION TYPE)	
Damping Constant:	
Efficiency (%):	
Rated Speed (RPM):	
ANSI Motor Group:	
Subtransient Impedance (R'' , X''):	
Rotor Type (single circuit, double circuit, deep bar):	
Stator Impedance (R_s , X_s):	
Magnetizing Impedance (R_m , X_m):	
Rotor Impedance (R_r , X_r):	
For double circuit rotor type – Rotor 2 Impedance (R_{r2} , X_{r2}):	
Cage Factor (CF_r , CF_x):	
Inertia of all rotating mass:	
GENERATOR PARAMETERS (INVERTER TYPE)	
Total number of inverters:	
Negative Sequence Impedance:	
Grid-Side Inverter Current limit:	
Fault Contribution (% of rated current):	
Inverter Active Anti-Islanding Control Category:	

PRODUCER SUPPLIED TRANSFORMER	
Rated KVA (base):	
Transformer Impedance (c/w X/R ratio) %:	
Transformer winding (High/Low) (V): (E.g. 25000/4160):	
Transformer winding connection: (E.g. wye/wye, delta/wye-grounded, etc.)	
Tertiary voltage winding (V) (if applicable) (nominal voltage):	
Tertiary voltage winding Connection: (delta or wye, grounded or ungrounded or N/A)	
Tertiary Winding Impedances:	
Grounding Transformer Type / Location: (E.g. Zig-zag, wye-grounded delta / Grid Side, DER side) (if installed)	
Neutral Grounding Resistance (Ohm): (if installed)	
Neutral Grounding Reactance(Ohm): (if installed)	

TECHNICAL REQUIREMENTS – CHECKLIST			
<i>Checking the following confirms acknowledgement of the technical requirements to connect a DER facility to FortisAlberta's system.</i>			
Application / Design Complies with CSA C22.3 No. 9 (2020)		Application / Design Complies with FortisAlberta DER-02 Interconnection Requirements	
SLD Provided (See, Annex A: CSA C22.3 No 9:20 for formatting and informational requirements)		DER facility meets power quality compliance as per CSA C22.3 No. 9 (2020)	
DER facility meets the reactive power capabilities as per CSA C22.3 No. 9 (2020)		DER facility is effectively grounded and has been studied as part of the design. (E.g. Delta Primary Configurations Require a Grounding Transformer)	
All Inverters Settings will use the IEEE 1547-2018 Category II / CSA C22.3 No 9:20 Supplemental Grade profile; Settings will be provided to FortisAlberta in the 110-Day Construction Package for approval.		Commissioning / Maintenance Acknowledgement per DER-02 and CSA C22.3 No. 9 (2020)	
Anti-Islanding Requirements will comply with FortisAlberta DER-02 Interconnection Requirements		Breaker Failure Protection will comply with the FortisAlberta DER-02 Interconnection Requirements	
Requirements for Voltage / Frequency / Overcurrent Protection Complies with CSA C22.3 No. 9 (2020)			

Power Producer (name / company)	Signature
Title	Date