## AS-BUILT GENERATOR PARAMETERS

This form is to be completed and submitted in order to confirm as-built generator parameters. Please submit this form as part of the required post commissioning package.

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

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

PROJECT INFORMATION				
Site Commissioned Date:				
AESO Asset ID:				
AUC Connection Order Number:				

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

GENERATOR PARAMETERS (SYNCHRONOU		
Number of Poles:		
Steady State Reactance (Xd):		
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 (Rs, Xs):		
Magnetizing Impedance (Rm, Xm):		
Rotor Impedance (Rr, Xr):		
Fir double circuit rotor type – Rotor 2 Impedance (Rr2, Xr2):		
Cage Factor (CFr, CFx):		
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)			
Power Producer (name / company)	Signature		
Title	Date		