

Application for Operation of Customer-Owned Generation

This application should be completed as soon as possible and returned to the Cooperative Customer Service representative in order to begin processing the request. See *Distributed Generation Procedures and Guidelines Manual for Members* for additional information.

INFORMATION: This application is used by the Cooperative to determine the required equipment configuration for the Customer interface. Every effort should be made to supply as much information as possible.

PART 1 OWNER/APPLICA	NT INFORMATION			
			Zip Code:	
	Re			
PROJECT DESIG	N/ENGINEERING (as applicable)		
	Country			
			Zip Code:	
Phone Number:	Ke	presentative:		
ELECTRICAL CO	ONTRACTOR (as app	licable)		
Company:				
City:	County:	State:	Zip Code:	
	Representative:			
TYPE OF GENER	RATOR (as applicable))		
Photovoltaic	Wind	Microtu	urbine	
			Turbine Other	

ESTIMATED LOAD INFORMATION

The following information will be used to interconnection. This information is not	o help properly design ntended as a commitm	the Cooperative customer ent or contract for billing purposes.
Total Site Load (kW) To	otal DG Output	_ (kW)
Mode of Operation (check all that a	oply)	
Isolated Paralleli	ng F	Power Export
DESCRIPTION OF PROPOSED	INSTALLATION	AND OPERATION
Give a general description of the proposigenerator.	ed installation, includi	ng when you plan to operate the
-		
	_	
PART 2		
(Complete all applicable items. Copy t	nis page as required fo	or additional generators.)
SYNCHRONOUS GENERATOR D	АТА	
Unit Number: Total number of	units with listed spec	
Manufacturer: Date	of manufacture:	
Serial Number (each):		
Phases: SingleThree R.P.M.	: Free	quency (Hz):
Rated Output (for one unit):	Cilowatt	Kilovolt-Amper
Rated Power Factor (%): Rated Field Volts: Field Amps:		
Synchronous Reactance (X'd):	% on	KVA base
Transient Reactance (X'd):	% on	KVA base
Subtransient Reactance (X'd):	% on	KVA base
Negative Sequence Reactance (Xs):	% on	KVA base

	% on	
Neutral Grounding Resistor (if appl	icable):	
L ² t of K (heating time constant):		
Additional Information:		
INDUCTION GENERATOR DA		
	_ ohms Stator Resistance (Rs):	
	ohms Stator Reactance (Xs):	
	ohms Short Circuit Reactance (Xo	
Design letter:	Frame Size:	
Exciting Current:	Temp Rise (deg C°):	(0.11.1.1)
	Vars (no load), Vars	
Additional Information:		
PRIME MOVER (Complete all ap	nlicable items)	
` 1	plicable items)	
Manufacturer:	Data of manufacturary	
U D Datas: U D May:	_ Date of manufacturer: Inertia Constant:	1b ft ²
	, etc.)	
chergy source (nyuro, steam, wind,	, etc.)	
		
GENERATOR TRANSFORMER	(Complete all applicable items)	
TRANSFORMER (between general		
,	Date of manufacturer:	
Manufacturer:		
Serial Number:		
High Voltage: KV. Connection	n: delta wye, Neutral solidly gro	ounded?
	on: delta wye, Neutral solidly gr	
	% on	
	% on	
	% on	
	icable:	
reduction of our angles		
INVERTER DATA (if applicable)		
Rate Power Factor (%): Rated V	Model: Nodel: Rated Amperes:	
	oulse-width modulation, etc.):	
Type commutation: forced	line	
~ 1	ngle Harmonic (%)	
	otal Harmonic (%)	
Maximum 1	/wi 11wi11iOille (/U/	

Note: Attach all available calculations, test reports, and oscillographic prints showing inverter output voltage and current waveforms.

POWER CIRCU	JIT BREA	KER (if	applicable)					
Manufacturer:	Manufacturer: Model:							
Rated Voltage (kilovolts): Rated ampacity (Amperes)								
Interrupting ratio	ig (Ampere	es):	B	IL Rating				
Interrupting medi	um / insul	ating med	lium (ex. Vac	uum, gas, oil)	/			
Control Voltage	(Closing):	(Volt	s) AC	DC				
Control Voltage	(Tripping):	(Vo	lts) AC	DC Batte	ery Charged Capa	acitor		
Close energy:	Spring	Motor	Hydraulic	Pneumatic	Other:			
					Other:			
Bushing Current	Transform	ers:	(Max. rat	o) Relay Accı	ıracy Class:			
Multi Ratio?	No	Yes: (av	vailable taps)					
ADDITIONAL 2	INFORM	ATION						
facility, all app inverters, circuit	olicable ei breakers,	lementary protective	diagrams, relays, etc.)	major equip , specification	one-line diagram ment (generator, s, test reports, etc gn of the intercon	s, transformers, c., and any other		
SIGN OFF ARE	Z A							
-	rconnection		-	•	dditional informa Juipment within t	-		
Applicant			Date					
ELECTRIC CO MORE INFORM		TIVE CO	NTACT FO	R APPLICAT	TION SUBMISS	ION AND FOR		
Cooperative cont	act:							
Title:								
Address:								
	_							
Phone: Fax:								