Nueces Electric Cooperative

Application for Operation of Customer-Owned Generation

This application should be completed and returned with deposit (page 4) to the cooperative Customer Service representative in order to begin processing the request.

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/APPLCIANT	ΓINFORMATION				
Owner/Member					
Name:					
City:	County:	State:	Zip Code:		
Phone Number:		Representative:			
Email Address:		Fax Number:			
PROJECT DESIGN/E	NGINEERING (ARCH	ITECT) (as applicable)			
Company:					
Mailing Address:					
City:	County:	State:	Zip Code:		
Phone Number:		Representative:			
Email Address:		Fax Number:			
ELECTRICAL CONT	RACTOR (as applicabl	(e)			
Company:					
Mailing Address:					
			Zip Code:		
Phone Number:		Representative:			
Email Address:		Fax Number:			

TYPE OF GENERA	TOR (as applicable)			
Photovoltaic	Wind		Microturbine	
Diesel Engine	Gas Engine		Combustion E	ngine
Other				
ESTIMATED LOAD), GENERATOR RAT	TING AND MOD	E OF OPERAT	ION INFORMATION
_	ntion is necessary to pro t intended as a commit		•	
Total Site Load	(kW)			
Residential	Com	mercial	_	Industrial
Generator Rating	(kw)	Annual Estima	ted Generation _	(kWH)
Mode of Operation				
Isolated	Para	lleling	_	Power Export
	PROPOSED INSTAL			
PART 2				
(Complete all applicab	ole items. Copy this pag	ge as required for a	additional genera	ators)
	Total numb		•	on site:
	Thurson Duran			
Phases: Single T	Three Rpm	1:	Freque	ency (Hz):

Rated Output (for one unit):	K	ilowatt	Kilovolt-Ampere Rated Amperes:		
Rated Power Factor (%):	Rated Voltage (Volts):			
Field Volts: Field	l Amps: Mo	otoring Power (kW)	:		
Synchronous Reactance (Xd):		% on	kVA base		
Transient Reactance (X'd):					
Subtransient Reactance (X'd):					
Negative Sequence Reactance					
			kVA base		
_					
I_2^2 t or K (Heating time constant					
_					
Additional Information:					
INDUCTIONAL GENERAT Rotor Resistance (Rr):		Stator Posistano	e (Rs):ohms		
Rotor Reactance (Xr):			(Xs):ohms		
Magnetizing Reactance (Xm):			actance (Xd"):ohms		
Design Letter:		Frame Size:			
Exciting Current:		Temp Rise (deg	C):		
Reactive Power Required:	V	ars (no load):	Vars (full load)		
Additional Information:					
PRIME MOVER (Complete	all applicable items)				
Unit Number:	Type:				
Manufacturer:					
Serial Number:		November 1 Co	1: 41-, 2,2,2,4,49		
High Voltage: Low Voltage:					
			kVA base		
			kVA base		
Transformer Reactance (X): _		% on	kVA base		
Neutral Grounding Resistor (If					
	7				
INVERTER DATA (if applic					
Manufacturer:		Mode	l:		
Manufacturer: Rated Power Factor (%):	Rated Voltage (Volts):	Rated Amperes:		
Inverter Type (ferroresonant, s	step, pulse-width modula	ation, etc.):			
	forced line				
Harmonic Distortion: Maximu	m Single Harmonic (%)				
Maximum Tot	tal Harmonic (%)				
Note: Attach all available calc		d oscillographic pri	its showing inverter output		
voltage and current waveforms	S.				

POWER CIRCUIT BREAKER (if applicable	e)
Manufacturer:	Model:
Rated Voltage (kV):	Rated Ampacity:
Interrupting rating (A):	BIL Rating:
Interrupting medium / insulating medium (ex. V	Vacuum, gas, oil)
Control Voltage (Closing):(Volts) AC DC
Control Voltage (Tripping):	
Close Energy: Spring Motor Hydraulic	Pneumatic Other:
Trip Energy: Spring Motor Hydraulic	Pneumatic Other:
Bushing Current Transformer:	(Max ratio) Relay Accuracy Class:
Multi ratio? No Yes: (Available taps)	
ADDITIONAL INFORMATION	
breakers, protective relays, etc.) specifications, documents necessary for the proper design of the Cooperative is exercised, there will be, in additional contents of the cooperative is exercised.	pment, (generators, transformer, inverters, circuit test reports, etc., and any other applicable drawings or the interconnection. If the option of selling power to the ion to the minimum monthly bill requirements under service charge of \$12.00 per month for metering and
Application Deposit	
The customer shall be required to pay a minimu	m of not less than \$350 to cover cost of application
review, location inspection, engineering analysi	s, and other pre-interconnection processes.
1. The deposit should be paid when complete.	leted Application for Operation of Customer-Owned
Generation is delivered.	color rippineuron for operation of outsioner owner
· · ·	be credited to any upgrades or new construction directly
1 0	related work, the customer does not proceed with the the deposit will be retained by the Cooperative to cover
SIGN OFF AREA	
	e with any additional information required to complete the s/her equipment within the guidelines set forth by the
Applicant	

ELECTRIC COOPERATIVE CONTACT FOR APPLICATION SUBMISSION AND FOR MORE INFORMATION:

Cooperative Contact:	 	 	
Title:	 		
Address:			
Phone:			
Fax:			
e-mail:			