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ELECTRIC COOPERATIVE

Application for Operation of Customer-Owned Generation

This application should be completed as soon as possible and returned to the Cooperative 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/APPLICAN	IT INFORMATION				
Company:		· · · · · · · · · · · · · · · · · · ·			
Mailing Address:					
City:	County:	State:	Zip Code:		
Phone Number:	Representative:				
PROJECT DESIG	N/ENGINEERING	as applicable)			
Company:					
			Zip Code:		
Phone Number:		Representative:			
ELECTRICAL CO	NTRACTOR (as	applicable)			
			Zip Code:		
Phone Number:		Representative:			
TYPE OF GENER	ATOR (as applica	able)			
Photovoltaic	Wind	d Microtu	rbine		
Diesel Engine	Gas	Engine Turbine	Other		
ESTIMATED LOA	D INFORMATIO	N			
The following informinterconnection. This purposes.	ation will be used to s information is not	help properly design the intended as a commitmen	Cooperative customer tor contract for billing		
Total Site Load	(kW) T	otal DG Output	(kW)		

Application for DG Interconnection and Parallel Operation

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Mode of Operation (check all t	hat apply)	
	ralleling	Power Export
DESCRIPTION OF PROPOS	ED INSTALLATION	AND OPERATION
		ncluding when you plan to operate
PART 2 (Complete all applicable items. C SYNCHRONOUS GENERATOR		ired for additional generators.)
Manufacturer:	ber of units with listed	specifications on site:
Manufacturer: Type: Serial Number (each):	ber of units with listed _ Date of manufacture	p:
Manufacturer: Type: Serial Number (each): Phases: SingleThree	ber of units with listed Date of manufacture R.P.M.:	e: Frequency (Hz):
Manufacturer: Type: Serial Number (each): Phases: SingleThree	ber of units with listed Date of manufacture R.P.M.:	e: Frequency (Hz):
Manufacturer: Type: Serial Number (each): Phases: SingleThree Rated Output (for one unit): Rated Power Factor (%):	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts)	e:e: Frequency (Hz): Kilovolt-Amper Rated Amperes:
Manufacturer: Type: Serial Number (each): Phases: SingleThree Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Amps	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts)	E: Erequency (Hz): Kilovolt-Amper Rated Amperes: Motoring power (kW):
Manufacturer: Type: Serial Number (each): Phases: SingleThree Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Amps	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) : % on	E: E: Errequency (Hz): Exilovolt-Amper Rated Amperes: Motoring power (kW): KVA base
Manufacturer: Type: Serial Number (each): Phases: SingleThree Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Amps Synchronous Reactance (X'd): Transient Reactance (X'd):	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) :: % on % on	E: Erequency (Hz): Kilovolt-Amper Rated Amperes: Motoring power (kW): KVA base KVA base
Manufacturer:	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) : % on % on % on	E: Erequency (Hz): Kilovolt-Amper Rated Amperes: Motoring power (kW): KVA base KVA base KVA base
Manufacturer:	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) : % on	E: Erequency (Hz): Kilovolt-Amper Rated Amperes: Motoring power (kW): KVA base KVA base KVA base
Manufacturer:	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) : % on % on % on % on % on oplicable): % on	E:
Manufacturer:	ber of units with listed _ Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) : % on	E:
Manufacturer:	Date of manufacture Date of manufacture R.P.M.: Kilowatt Rated Voltage (Volts) : % on % on % on % on % on oplicable):	E:

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Magnetizing Reactance (2) Design letter:			
Exciting Current:		Temp Rise (deg Cº)	<u> </u>
Reactive Power Required	i:	_ Vars (no load), Vars	(full load)
Additional Information:			
PRIME MOVER (Comple Unit Number:	Type:		
Manufacturer:	D-1-	-f	
Serial Number:	Date	or manuracturer:	Ib f t?
H.P. Rates: H.P. Energy Source (hydro, ste	Max.: Ir	nertia Constant:	IDIT ²
	sam, wind, ctc./ _		
GENERATOR TRANSFO TRANSFORMER (between Generator unit number: Manufacturer: Serial Number: High Voltage: KV, Column	en generator and Date of the connection: del Connection: del	utility system) of manufacturer: ta wye, Neutral soliceta wye, Neutral sol	dly grounded?idly grounded?
Transformer Impedance (Z):	% on	KVA base
Transformer Resistance (R):	% on	KVA base
Transformer Reactance (Neutral Grounding Resist			
INVERTER DATA (if app Manufacturer: Rate Power Factor (%): _ Inverter Type (ferroresonal	Rated Voltage	e (Volts): Rated Ar	mperes:
Type commutation: for	ced line	natii iiioaalatioii, etc.).	
Harmonic Distortion: Ma	ximum Single Ha	rmonic (%)	
Ma	ximum Total Har	monic (%)	
Note: Attach all available inverter output voltage an	e calculations, to	est reports, and oscill	ographic prints showing
POWER CIRCUIT BREA Manufacturer:			
Rated Voltage (<i>kilovolts</i>):		Rated ampacity	(Amperes)
Interrupting rating (Ampel Interrupting medium / insu	res):	BIL Rating	· · · · · —
Interrupting medium / inst	ulating medium (e	ex. Vacuum, gas, oil) _	/
Control Voltage (Closing)		AC DC	
Control Voltage (Tripping)			ry Charged Capacitor
Close energy: Spring			
Trip energy: Spring	i ivioloi F1yo	naunc Fileumanc	Olliel

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Bushing Current To Multi Ratio?				Accuracy Class	
ADDITIONAL INF	ORMATION	N			
In addition to the proposed facility, transformers, inverseports, etc., and a design of the interd	all applica erters, circu any other a	ble elementa uit breakers, pplicable dra	ary diagrams, r protective rela	major equipmen lys, etc.), spec	nt (generators, ifications, test
SIGN OFF AREA					
The customer agre to complete the in guidelines set forth	nterconnecti	ion. The cust			
Applicant			Date		_
Αρριισατίτ			Dale		
ELECTRIC COOP MORE INFORMAT		CONTACT F	OR APPLICATI	ON SUBMISSION	ON AND FOR

Kayla Sanders Member Services ksanders@navasotavalley.com 979-828-6431 Cooperative contact: Title:

Email:

Phone: