Stanton County Public Power District

Application to Construct Distributed Generation (DG) Interconnection

Board Policy CWP-10 Exhibit A

This application should be completed as soon as possible and returned to SCPPD Customer Service representative in order to begin processing the request.

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

Company:			
	County:		
	Rep		

PROJECT DESIGN	N/ENGINEERING (as applied	cable)	
Company:			
City:	County:	state	Zip code.
	County:Rep		
Phone Number:	Rep	resentative:	
Phone Number:	Rep	resentative:	
Phone Number:	Rep NTRACTOR (as applicable)	resentative:	***************************************
Phone Number: ELECTRICAL CO Company:	NTRACTOR (as applicable)	resentative:	
Phone Number: ELECTRICAL CO Company: Mailing Address:	Rep NTRACTOR (as applicable)	resentative:	***************************************
Phone Number: ELECTRICAL CO Company: Mailing Address: City: Phone Number:	NTRACTOR (as applicable) County:Rep	resentative:State:	Zip Code:
Phone Number: ELECTRICAL CO Company: Mailing Address: City: Phone Number:	NTRACTOR (as applicable) County:	resentative:State:	Zip Code:
Phone Number: ELECTRICAL CO Company: Mailing Address: City: Phone Number:	NTRACTOR (as applicable) County:Rep	resentative:State:	Zip Code:
Phone Number: ELECTRICAL CO Company: Mailing Address: City: Phone Number: TYPE OF GENERA	NTRACTOR (as applicable) County: Rep	resentative:State:	Zip Code:

ESTIMATED LOAD, GENERATOR RATING AND MODE OF OPERATION INFORMATION

The following information will be used to help properly design SCPPD customer interconnection.

Total Site Load(kW)		
Residential		Industrial	
Generator Rating (kV	W)	Annual Estimated Generation	(kWh)
Mode of Operation			
Isolated	Paralleling	Power Export	_
DESCRIPTION OF PROPOS	SED INSTALLATIO	ON AND OPERATION	
Give a general description of the nu	ronosed installation in	cluding a detailed description of its plan	ned location and
when you plan to operate the gener		ornand a deminer description or he plant	
			
PART 2			
(Complete all applicable items. Co	opy this page as require	ed for additional generators)	
		od for additional gollerators)	
CANCIDONOUS CENEDATO		od for additional gonerators,	
SYNCHRONOUS GENERATOR	R DATA	,	
Unit Number:	R DATA Total number of units	with listed specifications on site:	
Unit Number: Manufacturer: Type:	R DATA _Total number of units	with listed specifications on site:	
Unit Number: Manufacturer: Type: Serial Number (each):	R DATA _Total number of units Date	with listed specifications on site: of manufacture:	
Unit Number: Manufacturer: Type: Serial Number (each):	R DATA _Total number of units Date	with listed specifications on site: of manufacture:	
Unit Number: Manufacturer: Type: Serial Number (each):	R DATA _Total number of units Date	with listed specifications on site: of manufacture:	
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%):	R DATA Total number of units Date R.P.M.: Ki Rated Voltage	with listed specifications on site: of manufacture: Frequency (Hz): lowatt (Volts): Rated Amperes:	Kilovolt-Ampere
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field	R DATA _Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt	Kilovolt-Ampere
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Synchronous Reactance (Xd):	R DATA _Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt (Volts): Rated Amperes: Motoring power (kW): % on	KVA base
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Synchronous Reactance (Xd): Transient Reactance (X'd):	R DATA _Total number of unitsDate R.P.M.:KiRated Voltage Amps:	with listed specifications on site: of manufacture: Frequency (Hz): lowatt Fated Amperes: Motoring power (kW): % on % on % on	KVA base KVA base
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Transient Reactance (X'd): Sub transient Reactance (X'd);	R DATA Total number of units Date R.P.M.: Ki Rated Voltage Amps:	of manufacture: Frequency (Hz): lowatt (Volts): Motoring power (kW): % on % on % on	KVA base KVA base KVA base
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Field Synchronous Reactance (X'd): Transient Reactance (X'd): Sub transient Reactance (X'd); Negative Sequence Reactance (Xs)	R DATA Total number of units Date R.P.M.: Ki Rated Voltage Amps:	with listed specifications on site: of manufacture: Frequency (Hz): lowatt Fated Amperes: Motoring power (kW): % on	KVA base KVA base KVA base KVA base
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Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Synchronous Reactance (X'd): Sub transient Reactance (X'd): Sub transient Reactance (X'd): Negative Sequence Reactance (Xs) Zero Sequence Reactance (Xo): Neutral Grounding Resistor (if app I2²t or K (heating time constant): Additional information: INDUCTION GENERATOR DA	R DATA _Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt Fated Amperes: Motoring power (kW): % on	KVA base KVA base KVA base KVA base KVA base KVA base
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Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Field Synchronous Reactance (X'd): Sub transient Reactance (X'd): Negative Sequence Reactance (Xs) Zero Sequence Reactance (Xo): Neutral Grounding Resistor (if app I2²t or K (heating time constant): Additional information: INDUCTION GENERATOR DA Rotor Resistance (Rr): Rotor Reactance (Xr):	R DATA Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt Fated Amperes: Motoring power (kW): % on % on % on	KVA base KVA base KVA base KVA base KVA base KVA base ohms
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Field Synchronous Reactance (X'd): Sub transient Reactance (X'd): Negative Sequence Reactance (Xs) Zero Sequence Reactance (Xo): Neutral Grounding Resistor (if app I2²t or K (heating time constant): Additional information: INDUCTION GENERATOR DA Rotor Resistance (Rr): Rotor Reactance (Xr): Magnetizing Reactance (Xm):	R DATA Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt Fated Amperes: Motoring power (kW): % on % on % on % on % on % on Stator Resistance (Rs): Stator Reactance (Xs): Short Circuit Reactance (Xd"):	KVA base KVA base KVA base KVA base KVA base KVA base ohms ohms
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Field Synchronous Reactance (X'd): Sub transient Reactance (X'd): Negative Sequence Reactance (Xs) Zero Sequence Reactance (Xo): Neutral Grounding Resistor (if app I2²t or K (heating time constant): Additional information: INDUCTION GENERATOR DA Rotor Resistance (Rr): Rotor Reactance (Xr): Magnetizing Reactance (Xm): Design letter:	R DATA Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt (Volts): Rated Amperes: Motoring power (kW): % on % on % on % on % on % on Stator Resistance (Rs): Stator Reactance (Xs): Short Circuit Reactance (Xd"): Frame Size:	KVA base KVA base KVA base KVA base KVA base KVA base ohms ohms
Unit Number: Manufacturer: Type: Serial Number (each): Phases: Single Three Rated Output (for one unit): Rated Power Factor (%): Field Volts: Field Volts: Field Synchronous Reactance (X'd): Sub transient Reactance (X'd): Negative Sequence Reactance (Xs) Zero Sequence Reactance (Xo): Neutral Grounding Resistor (if app I2²t or K (heating time constant): Additional information: INDUCTION GENERATOR DA Rotor Resistance (Rr): Rotor Reactance (Xr): Magnetizing Reactance (Xm): Design letter: Exciting Current:	R DATA Total number of units	with listed specifications on site: of manufacture: Frequency (Hz): lowatt Fated Amperes: Motoring power (kW): % on % on % on % on % on % on Stator Resistance (Rs): Stator Reactance (Xs): Short Circuit Reactance (Xd"):	KVA base KVA base KVA base KVA base KVA base KVA base Ohms Ohms Ohms

This information is not intended as a commitment or contract for billing purposes.

PRIME MOVER (Comp			
Unit Number:	Туре:		
Manufacturer:			
Serial Number:		Date of manufacture: _	:1bft. ²
H.P. Rated:	H.P. Max.:	Inertia Constant	: lbft
Energy Source (hydro, ste	eam, wind, etc.)		
GENERATOR TRANSITRANSFORMER (between	FORMER (Complete	all applicable items)	
Manufacturer:			
Serial Number:			
High Voltage:	KV, Connection	n: delta or wye. Neutral sol	idly grounded?
Low Voltage:	KV, Connection	n: delta or wye. Neutral soli	idly grounded? dly grounded?KVA bas
Transformer Impedance (Z): ´	% on	KVA bas KVA base
Transformer Resistance	R):	% on	KVA base
Transformer Reactance (2	X):	% on	KVA base.
Neutral Grounding Resist	or (if applicable):		
Manufacturer:		Model Walters (Valter)	:Rated Amperes:
Rated Power Factor (%):Rated	Voltage (Volts):	_ Rated Amperes:
Inverter Type (Ferro re	sonant, step, pulse-w	idth modulation, etc):	
M	Aaximum Single Har laximum Total Harm lable calculations, tes	monic (%) onic (%)	prints showing inverter output
POWER CIRCUIT B	REAKER (if applic	able)	
Manufacturer:		Model:	
	ts):		city (Amperes)
Interrunting rating (An	noves):	RIL R	ating:
Interrupting medium / i	inculating medium (e	v Vacuum eas oil)	Lating:/
Control Voltage (Classic	monannis medium (e	(Volta) AC DC	/
Control Voltage (Closh	ing).	(Volts) AC DC	Dattom: Changed Care-it-
Control voltage (Tripp	mg);	(voits) AC DC	Battery Charged Capacito Other:
Close energy: Spring	Motor Hy	draulic Pneumatic	Other:
		draulic Pneumatic	
	formers:	(Max. ratio) Relay Ac	curacy Class:
Multi ratio?	No Yes: (Avai	lable taps)	

ADDITIONAL INFORMATION

In addition to the items listed above, please attach a detailed one-line diagram of the proposed facility, all applicable elementary diagrams, major equipment, (generators, transformers, inverters, circuit breakers, protective relays, etc.) specifications, test reports, etc., and any other applicable drawings or documents necessary for the proper design of the interconnection. Also describe the project's planned operating mode (e.g., combined heat and power, peak shaving, etc.), and its address or grid coordinates.

SIGN OFF AREA	
	s to provide SCPPD with any additional information required to complete the e customer shall operate his equipment within the guidelines set forth by SCPPD.
Applicant	Date
CONTACT FOR A	STANTON COUNTY PUBLIC POWER DISTRICT APPLICATION SUBMISSION AND FOR MORE INFORMATION:
SCPPD contact:	Bruce Hoehne
	Bruce Hoehne Operations Manager
Title:	
Title:	Operations Manager
Title:	Operations Manager Stanton County Public Power District
Title: Address:	Operations Manager Stanton County Public Power District 807 Douglas Street POB 319
Title: Address: Phone:	Operations Manager Stanton County Public Power District 807 Douglas Street POB 319 Stanton, Nebraska 68779
SCPPD contact: Title: Address: Phone: Fax: e-mail:	Operations Manager Stanton County Public Power District 807 Douglas Street POB 319 Stanton, Nebraska 68779 (402) 439-2228
Title: Address: Phone: Fax:	Operations Manager Stanton County Public Power District 807 Douglas Street POB 319 Stanton, Nebraska 68779 (402) 439-2228 (402) 439-7000