(For Use with Generators Greater than 25 kW and have Aggregated Meters)

An applicant (Generator Owner) makes application to Delaware Electric Cooperative to install and operate a generating facility greater than 25kW interconnected with the Delaware Electric Cooperative utility system.

Section 1, Applicant Information Directly Interconnected to the Generating System

Name:		
Mailing Address:		
City:	State:	ZipCode:
Facility Location (if different from abo	ve):	
Telephone (Daytime): Area Code	_ Number (Evening	ng) Area CodeNumber
Delaware Electric Cooperative Accoun	t No.:	
Rate Co	de:	
Section 2, Aggregated Meter Information Section 2, Aggregated Meter Information Section 2, Aggregated accounts shadow Section 2, Aggregated accounts shadow Section 2, Aggregated Meter Information Section 2, Meter Information Section 2, Meter Information Section 2, Meter Information Section 2, Meter Information Section 3, Meter Informatio		order in which credits shall be applied
1 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
2 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
3 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
4 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
5 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):

Section 2, Aggregated Meter Information (continued)

6 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
7 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
8 - DEC Member Name		Rate Code:
DEC Account No.:	kWh Credit Amt:	Capacity (DEC):
Any additional meters associated with this	s aggregated system must be supplie	ed on a separate sheet in the same format
Section 3, Generator Type		
Is Generator powered from a Renewable E	Energy Source: Yes	No
Type of Energy Source (if applicable):	Solar Wind	Hydro
Other generator energy source: Diesel	l, Natural Gas Diesel, Fuel Oil	Other:
Will excess power be exported to Delawar	re Electric Cooperative?	Yes No
Total Aggregated Maximum Load:	kW (Typical) Maxim	num Export: kW
Section 4, Generator Technical Informa	<u>ntion</u>	
Type of Generator: Synchronous	Induction DC Generator	or Solar with Inverter
Generator (or solar collector) Manufacture (A copy of Generator Nameplate and Manufacture		ed)
Inverter Manufacturer, Model Name & Nu (A copy of Inverter Nameplate and Manufacturer)
	Rating in kW:	
Generator Characteristic Data (for rotating (Not needed if Generator Nameplate and Manufa		
Direct Axis Synchronous Reactance, X _d : _	P.U. Negative Sequence	Reactance: P.U.
Ddirect Axis Transient Reactance, X' d:	P.U. Zero Sequence Read	etance: P.U.
Direct Axis Subtransient Reactance, X":	P.U. KVA Base:	

Section 5, Interconnecting Equipment Technical Data

will an interposing	transformer be t	ised between the generat	or and the point of it	nterconnection? Yes No
Transformer Data (if applicable, for	Customer Owned Trans	sformer):	1es1NO
		anufacturer's Test Report m		
Size: KVA	. Transformer P	rimary:Volts	Delta	Wye Wye Grounded
	Transformer S	econdary: Vol	lts Delta	Wye Wye Grounded
Transformer Imped	ance:%	on KVA Base		
		e, for Customer Owned mum Melt & Total Clearing		
Manufacturer:	······································	Type: S	ize:	Speed:
Interconnecting Cir (A copy of breaker's N		applicable): fication Sheet may be substit	auted)	
Manufacturer:	Type:	_ Load Rating: In	terrupting Rating: _	Trip Speed:
		(Amps)	(A	Amps) (Cycles)
Circuit Breaker Pro (Enclose copy of any pro-		f applicable): current Coordination Curve	s)	
Manufacturer:	Type:	Style/Catalog No.:	Proposed S	Setting:
Manufacturer:	Type:	Style/Catalog No.:	Proposed S	Setting:
Manufacturer:	Type:	Style/Catalog No.:	Proposed S	Setting:
Manufacturer:	Type:	Style/Catalog No.:	Proposed S	Setting:
Manufacturer:	Type:	Style/Catalog No.:	Proposed S	Setting:
Current Transforme (Enclose copy of Manu		<u>able):</u> on & Ratio Correction Curve	s)	
Manufacturer:	Type:	Accuracy Class:	Proposed R	atio Connection:/5
Manufacturer:	Type:	Accuracy Class:	Proposed R	atio Connection:/5
Generator Disconne	ect Switch:			
A lockable disconnersonnel, by and a			of the DEC meter an	nd accessible at all times by DE
Manufacturer:	Type:	Catalog No.:	Rated Volts:	Rated Amps:
Single or 3 Phase: _	Mounti	ng Location:		

Section 6, General Technical Information

Enclose copy of site One-Line Diagram showing potential circuits and protection and control schools.		quipment, current and Yes
Enclose copy of any site documentation that des Is Any Available Documentation Enclosed?:	scribes and details the operation of the prote	ection and control schemes. Yes
Enclose copies of schematic drawings for all procircuits, and alarm/monitoring circuits.	otection and control circuits, relay current ci Are Schematic Drawings Enclosed?:	ircuits, relay potential Yes
Section 7, PJM Interconnection Queue		
The Generator Owner must submit a Generation designated in whole or in part as a Capacity Resanother electrical location. Generation which is transmission system and which does not intend to the PJM interconnection queue. PJM has sole	source to PJM or, if generator intends to sell operating "behind the meter" in isolation from to participate in the PJM wholesale energy respectively.	l output to another entity at om the PJM bulk power market may not need to apply
Prior to installation send the completed Pages Manager of Engineering: Phone: (302) 349-3 Greenwood, DE 19950		
Section 8, Preliminary Approval to Proceed v	with Interconnection	
Delaware Electric Cooperative: Has Approv	ved Has Not Approved this Preliminary A	Application.
Name :	Date:	
Signature:		
Reason of Not Approving:		

Generating System will be installed	d by: Owner	State Licensed Electrician	
Installing Electrician:	Firm:	License No.:	
Mailing Address:			<u>.</u>
City:	State:	Zip Code:	
Telephone with Area Code:			
Installation Date:	Intercor	nnection Date:	<u>-</u>
		een installed and inspected in complian	nce with the local
Signed (Inspector):(In lieu of signatu	ure of Inspector, a copy of the	Date:e final inspection certificate may be attached)	
Section 10, Generator/Equipmen	nt Certification		
Generating systems must be com Operation of Member Owned Go equipment meets the appropri compliance. Generation cannot	npliant with Delaware Interpretation" document. The interpretation into the preceding requires the turned on until a December 1.	The Applicant must certify that the interest elaware Electric Cooperative's "Technical Require Fine Applicant must certify that the interest elaware Electric Cooperative representative, and has authorized the system for interest elaware.	ements for Parallel istalled generating ion that confirms tive has performed
Section 11, Applicant Signature			
I hereby certify that, to the best is true and correct.	of my knowledge, all th	ne information provided in the Interconn	ection Application
Name of Applicant (Printed):		Date:	
Signature of Applicant:			

(For Use with Generators Greater than 25 kW)

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Name :	Date:
Signature:	
Reason of Not Approving:	
Approval to connect to the Company system ind	licates only that the minimum requirements for
interconnection have been satisfied. Such approva	
interconnection have been satisfied. Such approva federal, state and local standards or regulations.	
interconnection have been satisfied. Such approve federal, state and local standards or regulations. Section 13, Internal Checks and Notifications	al does not imply that the Generator Owner's fac
interconnection have been satisfied. Such approve federal, state and local standards or regulations. Section 13, Internal Checks and Notifications DEC has performed a site visit and approved the systematics.	em: Yes
Approval to connect to the Company system indinterconnection have been satisfied. Such approvated federal, state and local standards or regulations. Section 13, Internal Checks and Notifications DEC has performed a site visit and approved the system DEC has installed a Warning Label on or near the ser Notify Billing Dept. of Interconnected Generation:	em: Yes
interconnection have been satisfied. Such approve federal, state and local standards or regulations. Section 13, Internal Checks and Notifications DEC has performed a site visit and approved the system of the system of the system.	em: Yes vice meter: Yes
interconnection have been satisfied. Such approve federal, state and local standards or regulations. Section 13, Internal Checks and Notifications DEC has performed a site visit and approved the system DEC has installed a Warning Label on or near the ser Notify Billing Dept. of Interconnected Generation:	em: Yes vice meter: Yes Yes Yes Yes Yes

Engineering: Phone: (302) 349-3125 Email: tdickerson@decoop.com or mail to P.O. Box 600 Greenwood, DE

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