(For Use with Generators Greater than 25 kW)

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.

ection 1, Applicant Information Is the following system: Leased or Member Owned
ame:
Tailing Address:
ity:State:ZipCode:
acility Location (if different from above):
elephone (Daytime): Area Code Number (Evening) Area CodeNumber
elaware Electric Cooperative Account No.:
Rate Code:
ection 2, Generator Type
Generator powered from a Renewable Energy Source: Yes No
ype of Energy Source (if applicable): Solar Wind Hydro
ther generator energy source: Diesel, Natural Gas Diesel, Fuel Oil Other:
7ill excess power be exported to Delaware Electric Cooperative? Yes No
ite Load: kW (Typical) Maximum Export: kW.
ection 3, Generator Technical Information
ype of Generator: Synchronous DC Generator or Solar with Inverter
enerator (or solar collector) Manufacturer, Model Name & Number:  copy of Generator Nameplate and Manufacturer's Specification Sheet may be substituted)  Output Power Rating in kW:
everter Manufacturer, Model Name & Number (if used):
Rating in kW:
enerator Characteristic Data (for rotating machines): lot needed if Generator Nameplate and Manufacture's Specification Sheet is provided)
irect Axis Synchronous Reactance, X <sub>d</sub> : P.U. Negative Sequence Reactance: P.U.
direct Axis Transient Reactance, X' <sub>d</sub> :P.U. Zero Sequence Reactance:P.U. irect Axis Subtransient Reactance, X'':P.U. KVA Base:

#### Section 4, Interconnecting Equipment Technical Data

Will an interposing	transformer be u	sed between the genera	tor and the point of		
Transformer Data (i	f applicable for	Customer Owned Tran	sformer):	Yes_	No
		nufacturer's Test Report n			
Size: KVA	. Transformer Pr	imary : Volts	s Delta	Wye Wye Gro	ounded
	Transformer Se	econdary: Vo	olts Delta	Wye Wye Gro	ounded
Transformer Imped	ance:% (	on KVA Base			
Transformer Fuse <u>C</u> (Attach copy of fuse ma	Oata (if applicable anufacturer's Minim	e, for Customer Owned num Melt & Total Clearing	Fuse): Time-Current Curves	s <u>)</u>	
Manufacturer:	7	Гуре: 5	Size:	Speed:	
Interconnecting Circ (A copy of breaker's Na		pplicable): fication Sheet may be substi	ituted)		
Manufacturer:	Type:	Load Rating: In (Amps)	nterrupting Rating:		(Cycles)
Circuit Breaker Pro (Enclose copy of any pr		applicable): current Coordination Curve	es)		
Manufacturer:	Type:	Style/Catalog No.	: Proposed	d Setting:	
Manufacturer:	Type:	Style/Catalog No.	: Proposed	d Setting:	
Manufacturer:	Type:	Style/Catalog No.	: Proposed	d Setting:	
Manufacturer:	Type:	Style/Catalog No.	: Proposed	d Setting:	
Manufacturer:	Type:	Style/Catalog No.	: Proposed	d Setting:	
Current Transforme (Enclose copy of Manu		able): n & Ratio Correction Curv	es)		
Manufacturer:	Type:	Accuracy Class: _	Proposed	Ratio Connection:	/5
Manufacturer:	Type:	Accuracy Class: _	Proposed	Ratio Connection:	/5
Generator Disconne	ect Switch:				
A lockable disconnel, by DEC personnel,		be installed within 3 feet tof the owner.	t of the DEC meter	and accessible at all ti	mes
Manufacturer:	Type:	Catalog No.:	Rated Volts:	Rated Amps:	
Single or 3 Phase:	Mountin	ug I contion:			

### Section 5, General Technical Information

<u>Section 8, Installation Details</u> Generating System will be installed by:	Owner [	State Licensed Electrician
Installing Electrician:	Firm:	License No.:
Mailing Address:		
City:	State:	Zip Code:
Telephone with Area Code:		
Installation Date:	Interconr	nection Date:
		nstalled and inspected in compliance with the
Signed (Inspector):	Inspector a conv of the	Date:final inspection certificate may be attached)
Lab. UL 1741. Generating systems m Requirements for Parallel Operation certify that the installed generating can supply documentation that con Delaware Electric Cooperative repr near the service meter, and has author Section 10, Applicant Signature  I hereby certify that, to the best	or technology must be ust be compliant with of Member Owned equipment meets the offirms compliance, esentative has perfectly the system for t	e compliant with IEEE 1547 and Underwriters th Delaware Electric Cooperative's "Technical Generation" document. The Applicant must e appropriate preceding requirement(s) and Generation cannot be turned on until a ormed a site visit, installed a warning label r interconnection.
Interconnection Application is true a		D.
Signature of Applicant:		Date:

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### This page for use by Delaware Electric Cooperative Only

Section 11, Approval or Non-Approval  Delaware Electric Cooperative:  Has Approved Has Not App	roved this Interconnection Application.
Name :	
Signature:	
Reason of Not Approving:	
Approval to connect to the Company system indicates only that proper interconnection have been satisfied. Such approval Owner's facility meets all federal, state and local standards or re-	does not imply that the Generator
Section 11, Internal Checks and Notifications	
DEC has performed a site visit and approved the system:	Yes
DEC has installed a Warning Label on or near the service meter:	Yes
Notify Billing Dept. of Interconnected Generation:	Yes
Notify Mapping Dept. of Interconnected Generation:	Yes
Notify Metering Dept. of Interconnected Generation:	Yes
Notify System Protection of Interconnected Generation:	Yes

At completion send Pages 4 - 5 to Delaware Electric Cooperative, Attn: Troy Dickerson, Manager of Engineering: Phone: (302) 349-3125 Email: tdickerson@decoop.com or mail to P.O. Box 600

Greenwood, DE 19950