EDC:	
Designated Contact Person:	
Address:	
Гelephone Number:	
ax:	
E-Mail Address:	

An Interconnection Request is considered complete when it provides all applicable and correct information required below. Documentation of site control must be submitted with the Interconnection Request.

#### Preamble and Instructions

A Generator which requests Interconnection must submit this Interconnection Request by hand delivery, mail, e-mail, or fax to the EDC.

Processing Fee or Payment:

	Table 1 Fees		
Process	Generator Applicability*	Application Fee	Each Study Fee
Fast Track	0-2MW	\$500	Actual Cost Based
Study	<ul> <li>(1) is larger than 2 MW but no larger than 20 MW,</li> <li>(2) is 2 MW or less and is not certified, or</li> <li>(3) is 2 MW or less and is certified but did not pass the Fast Track Process or the 10 kW Inverter Process.</li> </ul>	\$1000	Actual Cost Based

Each Generating Facility will have a One Line Diagram submitted and secured as an Attachment to the Interconnection Request (<u>Attachment I</u>). A one line electrical schematic is a diagram, drawing, or sketch that details the elements of a generating system, such as the elements of an electrical or electronic circuit or the elements of a logic diagram for a generator.

Generating Facility Information Legal Name of the Generator (or, if an individual, individual's name) Name: Contact Person: \_\_\_\_\_ Mailing Address: City: State: Zip: Facility Location (if different from above): Telephone (Day): \_\_\_\_\_\_ Telephone (Evening): \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_ Alternative Contact Information (if different from the Generator) Contact Name: Address: Telephone (Day): \_\_\_\_\_\_Telephone (Evening): \_\_\_\_\_ Fax: E-Mail Address: APPLICATION IS FOR: New Generating Facility? Yes \_\_\_\_No \_\_\_ Capacity addition to or Material Modification of an existing Generating Facility: Yes No Commencement of participation in the wholesale markets by an existing Generating Facility: Yes \_\_\_\_No \_\_\_

If capacity addition to or Material Modification of an existing facility, please describe:
Will the Generating Facility be used for any of the following?
To Net Meter? Yes No To Supply Power to the Generating Facility? YesNo To Supply Power to Others? Yes No
Is the Interconnection Request for::  A retail customer interconnecting a new Generating Facility that will produce electric energe to be consumed only on the retail customer's site? YesNo
If onsite use of power, describe the mode of operation: (Please Check all that Apply)  Peak Shaving Demand Management Primary Power/Base Load Combined Heat and Power or Cogeneration Stand By/Emergency/Back-up
Paralleling:  Will the Generating Facility operate in parallel with the EDC for any amount of time?  YesNo
If No: Then Generator is operating as Open Transition If Yes: Will the Generating Facility operate in parallel with EDC for longer than 100 milliseconds YesNo
If No: Then Generator is operating as Closed Transition If Yes: Then Generator is operating as Parallel Operation
Will it vary by season? (please describe)  A Qualifying Facility where 100% of the output will be sold to its host utility?  YesNo
A Generator interconnecting a new Generating Facility that plans to participate in the wholesale markets? YesNo
An existing Generating Facility commencing participation in the wholesale markets?

For installations at locations with existing electric service to which the proposed Generating Facility will interconnect, provide:

(Local Electric Service Provider)
(Existing Account Number)
Contact Name:
Title:
Address:
Telephone (Day):Telephone (Evening):
Fax: E-Mail Address:
Requested Point of Interconnection:
Generating Facility's Requested In-Service Date:
EDC Account #
EDC Meter #
Will there be a new service request / or new construction associated with this generation project?
Generating Facility Information (For each Generator if there are than one)
Data apply only to the Generating Facility, not the Interconnection Facilities.
Energy Source: Solar Wind Hydro Hydro Type (e.g. Run-of-River): Diesel Natural Gas Fuel Oil Other (state type)
Prime Mover:Fuel CellReciprocating EngineGas Turbine Steam TurbineMicro-turbinePVOther
Type of Generator:SynchronousInduction Inverter
Generator Nameplate Rating:kW (Typical)

Generator Nameplate kVAR:	
Generator Nameplate BIL Rating:kV	
Generating Facility or Customer-Site Load:	kW (if none, so state)
Typical Reactive Load (if known):	
Maximum Physical Export Capability Requested:	kW
List components of the Generating Facility equipment	nt package that are currently certified:
Equipment Type  1  2  3  4  5	Certifying Entity
Is the prime mover compatible with the certified proYesNo	tective relay package?
Generator	
Manufacturer, Model Name & Number:	
Version Number:	
Nameplate Output Power Rating in kW: (Summer) (Winter)	<u> </u>
Nameplate Output Power Rating in kVA: (Summer) (Winter)	
Individual Generator Power Factor Rated Power Factor: Leading:Laggi	ng:
Total Number of Generators in wind farm to be inte Interconnection Request: Elevation:	
Inverter Manufacturer, Model Name & Number (if u	used):

List of adjustable set points for the protective equipment or software:
Note: A completed Power Systems Load Flow data sheet must be supplied with the Interconnection Request.
Generating Facility Characteristic Data (for inverter-based machines)
Max design fault contribution current: Instantaneous or RMS?
Harmonics Characteristics:
Start-up requirements:
Available fault current:
Generating Facility Characteristic Data (for rotating machines)
RPM Frequency:
Neutral Grounding Resistor (If Applicable):
Synchronous Generators:  Direct Axis Synchronous Reactance, Xd: Per Unit  Direct Axis Transient Reactance, X <sub>d</sub> ': Per Unit  Direct Axis Sub transient Reactance, X <sub>d</sub> ": Per Unit  Negative Sequence Reactance, X <sub>2</sub> : Per Unit  Zero Sequence Reactance, X <sub>0</sub> : Per Unit  KVA Base: Per Unit  KVA Base: Per Unit  Field Volts: Field Amperes:
Induction Generators:
Motoring Power (kW): I_2^2t or K (Heating Time Constant): Per Unit  Rotor Resistance, Rr: Per Unit  Stator Resistance, Rs: Per Unit  Stator Reactance, Xs: Per Unit  Rotor Reactance, Xr: Per Unit  Magnetizing Reactance, Xm: Per Unit

Short Circuit Reactance, Xd": _	Per U	Unit	
Exciting Current:			
Temperature Rise:			
Frame Size:			
Design Letter:			
Reactive Power Required In Va			
Reactive Power Required In Va			
Total Rotating Inertia, H:	Per Uni	t on kVA Base	
<i>0</i> ,			
Excitation and Governor Syste	m Data for Synchrone	ous Generators Only.	
Provide appropriate IEEE mod	del block diagram of e	voitation system gove	rnor system and power
system stabilizer (PSS) in accor	$\sim$	,	
determined to be required by a	0	•	•
not be substituted.	ppheable studies. 11 et	opy of the manufacture	er s brock diagram may
not be substituted.			
Interconnection Facilities Infor	rmation		
An Interconnection transforme	er is required unless wa	aived by the Interconn	ecting EDC.
Transformer Data (If Applicab	le, for Generating Fac	ility-Owned Transform	<u>ner):</u>
Is the transformer:single	phase three ph	nase? Size:	kVA
Transformer Impedance:			
Transformer Positive-Sequence			Zpt=
Zst=	1	(1 ) I ——	
Transformer Zero-Sequence In	npedances (pu): ): Zpr	m0 = Zsm0 =	:
Zmg0=	1 4 / / 1		,
Transformer Neutral Groundir	ng Reactor/Resistor In	npedance (Ohms):	
Transformer BIL Rating		F /	
If Three Phase:			
Transformer Primary:	Volts Delta	Wve Wve	Grounded
Transformer Secondary:			
Transformer Tertiary:			
Transformer Fuse Data (If App	olicable, for Generatin	ng Facility-Owned Fus	<u>e):</u>
(A., 1 C.C C.	1 36 1 36 1	177 + 1.61	C
(Attach copy of fuse manufactu	arer's Minimum Melt a	and Total Clearing Tim	ne-Current Curves)
Manufacturer:	Туре:	Size:	Speed:

Manufacturer.	Туре:	
Manufacturer: Interrupt	ing Rating (Amps):	Trip Speed (Cycles):
Interconnection Protective Relays (If Ap	p <u>licable):</u>	
ICAC C . II 1		
If Microprocessor-Controlled:		
List of Functions and Adjustable Set poi	nts for the protective equip	ment or software:
Set point Function	Minimum	Maximum
oet point i interest	11.22.22.2	11200
1		
1		
2		
3		
4		
5		
6.		
If Diggrets Components		
If Discrete Components:		
(Enclose Copy of any Proposed Time-O	vercurrent Coordination Cu	urves)
Manufacturer Type:	Style / Catalog No.	Duoposed Settings
Manufacturer: Type: Type: Type:		
Manufacturer: Type:		
Manufacturer:Type:Manufacturer:Type:Manufacturer:Type:	_ Style/Catalog No.:	Proposed Setting:

(Enclose Copy of Mar	nufacturer's Excitation	and Ratio Correction Curves)
Manufacturer:		_ Proposed Ratio Connection:
Type:	Accuracy Class:	_ Proposed Ratio Connection:
Manufacturer:		
Type:	Accuracy Class: _	Proposed Ratio Connection:
Potential Transformer	: Data (If Applicable):	
Manufacturer:		
Type:	Accuracy Class: _	_ Proposed Ratio Connection:
Manufacturer		
Type:	Accuracy Class:	Proposed Ratio Connection:
General Information		
General Information		
of all Generating Facil	ity equipment (unless l schemes. This D-size Engineer if the Genera	ite electrical one-line diagram showing the configuration waived by the EDC), current and potential circuits, and ed one-line diagram must be signed and stamped by a ating Facility is larger than 50 kW. Are two copies of _No
1 ,		t indicates the precise physical location of the proposed map or other diagram or documentation).
		uipment on property (include address if different from
Enclose copy of any s and control schemes.	ite documentation that	t describes and details the operation of the protection
Is Available Documen	tation Enclosed?	YesNo
including CT's wiring	connection and their r wiring connection and	l protection and control circuits, relay current circuits ratios, relay potential circuits including Potential their ratios, any alarm/monitoring circuits (if

#### Applicant Signature

I have read the Guidelines for Generator Interconnection – Fast Track and Study Processes and agree to abide by all terms and conditions as provided for in theses Guidelines. I understand that my Interconnection Request may be rejected by the Interconnecting EDC or there may be a delay in processing my Interconnection Request if the Interconnecting EDC determines that I have not complied with these Guidelines.

I hereby certify that, to the best of my knowledge, all the information	on provided in this	
Interconnection Request is true and correct.		
•		
For Generator:	Date:	