



Distributed Generation Policies/Procedures/Rates

Exhibit A

Application to Construct Distributed Generation (DG) Interconnection

And

Exhibit A – Addendum 1

**APPLICATION FOR NORTH CENTRAL PUBLIC POWER DISTRICT APPROVAL TO
CONSTRUCT DISTRIBUTED GENERATION (DG) INTERCONNECTION**

The Distributed Generation (DG) Owner (herein described as 'Owner') requests North Central PPD approval to construct and operate Distributed Generation (DG) equipment in closed transition (parallel) with the North Central PPD system in accordance with and as defined in the latest version of the North Central PPD Distributed Generation Interconnection Manual.

DG Facility Owner and/or Operator Information:

DG Facility Owner _____
North Central PPD Service Account Number (if known) _____
Address _____ City _____ State _____ Zip Code _____
Day Phone _____ Night Phone _____ Fax _____
Email _____

DG Facility Operator (if different than above) _____
Address _____ City _____ State _____ Zip Code _____
Day Phone _____ Night Phone _____ Fax _____
Email _____

Facility Design / Engineering:

Company _____
Representative _____
Address _____ City _____ State _____ Zip Code _____
Phone _____ Fax _____ Email _____

Facility Electrical Contractor:

Company _____
Representative _____
Address _____ City _____ State _____ Zip Code _____
Phone _____ Fax _____ Email _____

DG Facility Information:

DG Facility Name _____
Address _____ City _____ State _____ Zip Code _____

Service Entrance Voltage/Phase: _____

Duration of Parallel Operation:

Owner requests Duration of Parallel Operation (check one):

Approve as Momentary Approve as Sustained

Power Transfer:

Does the DG Facility Owner intend the DG facility to export power to the North Central PPD system now, or at any time in the future? (circle one): YES / NO

Owner Requests Description of Power Transfer as (check one and complete kW):

<input type="checkbox"/> Import-only	kW level for parallel operation	=	<input type="text"/>	kW
	kW export level	=	<input type="text"/>	0 kW
<input type="checkbox"/> Import/Export	kW level for parallel operation	=	<input type="text"/>	kW
	kW export level	=	<input type="text"/>	kW
<input type="checkbox"/> Export Only	kW level for parallel operation	=	<input type="text"/>	kW
	kW export level	=	<input type="text"/>	kW

Comments: _____

Paralleling Equipment:

Description of number and type of paralleling switchgear or momentary transfer switch(es) (attach manufacturer's data) _____

Interconnection Disconnect:

Description of interconnect disconnect(s) and installed location(s) (attach manufacturer's data) _____

NOTE: North Central PPD requires a lockable disconnect to be located within 10' of the North Central PPD meter on an independent support structure

Interconnection Breaker (if applicable):

Description of interconnection breaker(s) and installed location(s) (attach manufacturer's data) _____

Protective Relaying:

Description of protective relaying (attach manufacturer's data -see 'submittals' below) _____

Schedule:

Date scheduled for start of DG installation / construction _____
Date scheduled for completion of installation / construction _____

Submittals:

Submit the following documents with this application:

- a site plan and floor plan of the proposed DG facility and/or installation indicating installed DG equipment locations.
- a one-line diagram of the proposed generator installation on the Owner's electrical system, noting all bus voltages, conductor properties, generating equipment, interconnection point(s), and interconnection disconnecting device(s). Note: North Central PPD may require this document bear the stamp of a Professional Electrical Engineer registered in the state where the project is being constructed.
- a schematic diagram of the proposed protective relay scheme indicating CT and PT monitoring points and protective functions provided (when required): Please contact North Central PPD in advance for assistance in determining North Central PPD's protective relay requirements for specific applications. If available at time of application, provide AC and DC elementary/wiring drawings and relay settings (with calculations and assumptions).
- Note: North Central PPD may require these documents bear the stamp of a Professional Electrical Engineer registered in the state where the project is being constructed.
- detail sheets/catalog cuts of information on the generator, interconnection disconnect switch, interconnection breaker, interconnection switchgear, or other related equipment.

Comments _____

By submitting this application, the Owner agrees to the following:

- The Owner has reviewed, is familiar with, and agrees to comply with all requirements of the North Central PPD DG Manual.
- The Owner has reviewed and is familiar with the terms of the 'Utility Service Termination Clause' for failing to meet and maintain requirements for interconnection, as outlined in the DG Manual.
- The Owner has reviewed and is familiar with the 'Interconnection Expenses' section of the North Central PPD DG Manual, and is aware of and agrees to comply with the Owner's financial obligations to North Central PPD, incurred by the addition of this new DG capacity.
- At no time will the new DG equipment be allowed to operate in closed transition with the North Central PPD system until the 'North Central PPD Agreement for Closed Transition Operation of Distributed Generation' is executed between the Owner and North Central PPD. This includes momentary closed transitions between the Owner's generation and the North Central PPD system for testing or calibration purposes. The only exception is if the DG installation is essentially complete, North Central PPD has been notified in advance of the intention to operate in parallel, and an North Central PPD representative is present to witness the closed transition operation. Note such witness tests do not necessarily take the place of the final 'Witness Test' outlined in the 'North Central PPD Agreement for Closed Transition Operation of Distributed Generation'. **Owner shall be liable for any and all damages and expenses incurred by North Central PPD and its customers due to the unauthorized or improper closed transition operation of Owner generation with the North Central PPD system.**
- The operation of this Owner equipment during the test period and subsequent normal operation shall not cause objectionable electrical disturbances external to the DG facility.
- All members of the Owner's construction project team (including contractors, engineers, and suppliers) and all DG facility operating personnel will be made aware of the terms of the North Central PPD DG Manual and this application.

FOR THE CONTRACTOR:

Printed _____
 Signed this _____ Day of _____, _____

FOR THE DG FACILITY OWNER:

Printed _____
 Title _____
 Signed this _____ Day of _____, _____

THIS AREA FOR NORTH CENTRAL PPD USE ONLY

The Owner has provided the following required documents for North Central PPD review.

-completed 'Application for Approval to Construct' form	rec'd	_____
-one-line diagram	rec'd	_____
-a schematic diagram of the relay scheme (when required)	rec'd	_____
-data sheets for generator and other equipment	rec'd	_____
-other _____	rec'd	_____

Classification of Interconnection (check one):

- Class I Type A Induction generators or line commutated power converters with rated capacity 50 kW or below
- Class I Type B Induction generators or line commutated power converters with rated capacity above 50 kW
- Class II Generation equipment interconnected at or below 15 kV with a rated capacity below 5 MW
- Class III Generation equipment interconnected in excess of 15 kV or with a rated capacity in excess of 5 MW
- N/A (open transition) DG Manual requirements do not apply for open transition
- N/A (rejected) Network service or other

Duration of Parallel Operation (check one):

- Approved as Momentary (Interconnection disconnect required, interconnection breaker not required, minimal protective relaying required)
- Approved as Sustained (Interconnection disconnect required, interconnection breaker may be required, protective relaying may be required)

Description of Power Transfer (check one):

- Import-only kW level for parallel operation = _____ kW
 kW export level = _____ 0 kW
- Import/Export kW level for parallel operation = _____ kW
 kW export level = _____ kW
- Export Only kW level for parallel operation = _____ kW
 kW export level = _____ kW

Interconnection Description/Voltage, Transmission/Distribution, ATO, transformer, _____

North Central PPD Internal Department Comments:

Additional North Central PPD studies required? (circle) Y / N

Description of required studies: _____

Modification to the North Central PPD system required? (circle) Y / N

Description of required modifications: _____

Does North Central PPD require reimbursement for Interconnection Expenses? (circle) Y / N

Description of required reimbursement items, with costs: _____

Monthly Minimum Charge: \$1.40 per kVA = \$1.40 x _____ kVA = \$ _____

North Central PPD minimum charges are currently calculated at \$1.40 per kVA of required transformer capacity and subject to change by action of the North Central PPD Board of Directors. When appropriate, a contracted minimum may apply.

Telemetry required Y / N

Description of telemetry required: _____

Additional information submitted by Owner upon North Central PPD request

Y / N

Description of additional information submitted: _____

Owner Agreement to North Central PPD Stipulations:

North Central PPD requires the following studies/modifications/reimbursements:

The Owner agrees to modify the facility design and to reimburse North Central PPD as requested for studies and North Central PPD system modifications described above:

FOR THE DG FACILITY OWNER:

Printed			
Title			
Signed this		Day of	

North Central PPD hereby grants permission to the above named Owner to proceed with the DG interconnection installation as specified above. Any unapproved changes to the interconnection shall void this agreement. This agreement is nontransferable. This approval is only for the construction of the interconnection and does not convey North Central PPD approval of the operation, functionality of the design, nor North Central PPD permission to operate the DG unit(s) in parallel with North Central PPD.



Distributed Generation Policies/Procedures/Rates

Exhibit A – Addendum 1

NORTH CENTRAL PUBLIC POWER DISTRICT (“NCPD”)

ADDENDUM ONE TO NORTH CENTRAL PUBLIC POWER DISTRICT APPROVAL TO CONSTRUCT DISTRIBUTED GENERATION (DG) INTERCONNECTION

In consideration of the provisions set forth below, the DG Operator agrees as follows:

(1) THE DG OPERATOR’S OBLIGATIONS TO INSTALL AND OPERATE ELECTRIC GENERATION FACILITIES

- 1.1 The DG Operator will acquire, install, solely own, operate, maintain, and make renewals and replacements of an electric generator having a nominal output rated at _____ Kilowatts (kW), together with all the systems, equipment, facilities and other things comprising and necessary to continuously operate said generator, including (without limitation) systems, equipment and facilities for obtaining and delivering the fuel required for the electric generator.
- 1.2 The DG Operator will undertake, and diligently prosecute to completion, all acts necessary to install the generator and related items described in this Section 1, as well as the formal execution of the Interconnection and Service Agreement and Energy Purchase Agreement between NCPD and the DG Operator, so as to enable the on-site use of the generation from a DG Operator’s facility and to facilitate the delivery of any excess generation from said facility to NCPD commencing _____, 200____.
- 1.3 The DG Operator will operate and maintain the generator so that it will produce and deliver electrical energy continuously whenever fuel is available, excluding only periods of repair or maintenance that must be performed off-line.
- 1.4 The DG Operator will deliver and sell to NCPD any excess electrical output from the DG Operator’s facility pursuant to the provisions of the NCPD Distributed Generation Policies and Procedures Manual, the Interconnection and Service Agreement, and the Energy Purchase Agreement and its associated rate schedules.
- 1.5 The DG Operator will at all times cooperate with NCPD to facilitate the installation and maintenance of NCPD’s switches and other interconnecting facilities as provided for in the NCPD Distributed Generation Policies and Procedures Manual, and the Interconnection and Service Agreement between NCPD and the DG Operator.

- 1.6 The DG Operator will obtain and preserve in full force and effect all governmental and regulatory permits, licenses, and approvals of any kind needed at any time in connection with any act or omission undertaken or performed by the DG Operator in connection with this Application, the Interconnection and Service Agreement and Energy Purchase Agreement.
- 1.7 The DG Operator will at all times comply with the requirements of all present and future laws, rules, regulations, ordinances, orders or decrees of any governmental, judicial or regulatory authority relating to any act or omission undertaken or performed by the DG Operator in connection with this Application, the Interconnection and Service Agreement and Energy Purchase Agreement.
- 1.8 The DG Operator will obtain and review the NCPPD Distributed Generation Policies and Procedures Manual and at all times observe and fully perform any procedures outlined in said manual, which undertakings and obligations of the DG Operator are hereby deemed by the parties to be material terms and conditions of this Application.
- 1.9 The DG Operator understands that in the event this DG installation/process is terminated prior to the formal execution of the Interconnection and Service and Energy Purchase Agreements between NCPPD and the DG Operator, that any expenses incurred for this process by NCPPD will be the responsibility of the DG Operator, and will be reimbursed to NCPPD upon submittal to the DG Operator.

(2) SUPPORT SERVICES PROVIDED BY NCPPD

- 2.1 NCPPD is willing, but not obligated, to provide services to support or facilitate the administration of the DG Operator's electric generation project. The DG Operator may from time to time request NCPPD to provide, and NCPPD may agree to provide, support services in connection with the project, such as the following:
 - a. Review and provide comments on design drawings, as-built drawings, or similar documents;
 - b. Observe construction, installation or similar activities;
 - c. Assist with testing and start-up of facilities;
 - d. Provide advice, observations, comments or recommendations concerning administration or management of other aspects of project operations as might be determined by the parties.

- 2.2 The parties acknowledge and agree that support services provided by NCPPD will constitute advice and input only. The DG Operator will at all times have and retain the authority, and the responsibility, to effect or approve any decision or action with respect to which support services are provided hereunder, and NCPPD will not have, and shall not purport to exercise, any authority to effect or approve any action or decision on behalf of the DG Operator in the performance of such support services. The DG Operator shall at all times have the right to obtain support services from persons or entities other than or in addition to NCPPD in the DG Operator's sole discretion.
- 2.3 With respect to any support services that NCPPD agrees to provide hereunder, NCPPD will endeavor to provide such support services to the DG Operator in a diligent, timely and competent manner. However, **NO WARRANTIES OF ANY KIND, WHETHER STATUTORY, WRITTEN, ORAL OR IMPLIED, INCLUDING (WITHOUT LIMITATION) WARRANTIES OF MERCHANTABILITY, OR OF FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO ANY SUPPORT SERVICES PERFORMED HEREUNDER.** If any support services provided by NCPPD are not provided in a diligent, timely or competent manner, then, subject to the limitation on total support services set forth in this Section 3, the DG Operator may request that NCPPD supplement or re-perform the deficient services. This provision to supplement or re-perform services shall be the sole and exclusive remedy with respect to support services provided (or not provided) by NCPPD, and the same shall be in lieu of (and not in addition to) any claim for damages that might otherwise be available to the DG Operator at law or in equity on account of deficient services. The DG Operator specifically intends and agrees that NCPPD shall not under any circumstances be liable to the DG Operator for any monetary damages, or any other or additional relief, on account of any support services provided (or not provided) by NCPPD, whether the same are denominated as direct, indirect, incidental, consequential, legal, equitable, or otherwise.
- 2.4 The maximum amount of support services that NCPPD is agreeable to provide, or that NCPPD may be required to provide, including the aggregate of all those services performed initially and all those supplemented or re-performed as provided in paragraph 2, shall be an amount up to but not exceeding \$_____ at NCPPD's fully accounted costs as determined by NCPPD.

(3) ACCESS TO PREMISES AND RECORDS

- 3.1 NCPPD shall upon request be permitted reasonable access to the DG Operator's premises for the purpose of performing any of NCPPD's obligations under this Application, the Energy Purchase Agreement, the Interconnection and Service Agreement, or those contained in the NCPPD Distributed Generation Policies and Procedures Manual, and for the purpose of observing and inspecting the DG

Operator's facilities and the performance of any of the DG Operator's obligations. NCPPD agrees to comply with the safety standards and rules adopted by the DG Operator while on his premises.

- 3.2 The DG Operator shall prepare and maintain, and shall make available to NCPPD upon its requests, thorough and accurate records regarding his activities in connection with the project, this Application, the Energy Purchase Agreement, and the Interconnection and Service Agreement.

(4) INDEMNITY

- 4.1 The DG Operator hereby agrees to indemnify and hold harmless NCPPD, its directors, officers, employees, agents and representatives (each an "indemnified person"), from any and all losses, and any and all claims, liabilities, penalties, fines, costs and expenses (including attorney fees and amounts paid in settlement), judgments (including interest), and all other amounts incurred or paid in connection with any threatened or completed demand, claim, suit, order, injunction, proceeding or other action threatened or brought against an indemnified person for any reason whatsoever including (without limitation) for the loss of or damage to any property, or for the injury, disease or death of any person, or for the contamination or impairment of any natural resource or the environment, or for any other reason, caused by (whether in whole or in part), arising from, or in any manner related to any act or omission of the DG Operator, or any person acting for or on his behalf, in connection with any activity performed or undertaken pursuant to this Application. This agreement for indemnity shall survive the expiration or other termination of this Application.

(5) BINDING EFFECT AND ASSIGNMENT

- 5.1 This Application shall be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns. Neither NCPPD nor the DG Operator may assign or transfer any of its or his rights, interests, or obligations under this Application without the prior written consent of the other.
- 5.2 If the DG Operator shall assign, sublet or otherwise transfer any part of this Application, or any of his rights, interests or obligations hereunder, the DG Operator shall be and remain as fully responsible for any acts or omissions of such assignee or transferee as if such acts or omissions had been performed by the DG Operator.

(6) NO SPECIAL RELATIONSHIP

6.1 Nothing in this Application, or in any future Interconnection and Service Agreement or Energy Purchase Agreement, shall be construed as in any way constituting or creating a partnership between or a joint venture by the parties, or any franchise, fiduciary, agency, employment or other special relationship between the parties, nor shall anything in this Application, or the Energy Purchase Agreement or the Interconnection and Service Agreement, be construed to evidence the intention of the parties to constitute or create any such relationship.

DG Operator has caused this Application to be executed as of the day and year first above mentioned.

DG OPERATOR: _____

(Printed Name)

By: _____

Title: _____

(Verification of Document Transmittal for North Central Public Power District Administrative Use)

NCPD DG Policies and Procedures Manual

Provided: When: _____
(Date)

By Whom: _____
(NCPD Rep. Initials)

Received: When: _____
(Date)

By Whom: _____
(DG Operator Rep. Initials)

NCPD Interconnection and Service Agreement

Provided: When: _____
(Date)

By Whom: _____
(NCPD Rep. Initials)

Received: When: _____
(Date)

By Whom: _____
(DG Operator Rep. Initials)

NCPD DG Energy Purchase Agreement

Provided: When: _____
(Date)

By Whom: _____
(NCPD Rep. Initials)

Received: When: _____
(Date)

By Whom: _____
(DG Operator Rep. Initials)

NCPD DG Rate Schedule AC-1

Provided: When: _____
(Date)

By Whom: _____
(NCPD Rep. Initials)

Received: When: _____
(Date)

By Whom: _____
(DG Operator Rep. Initials)

NCPD APPLICATION APPROVED: By: _____

Title: _____

Date: _____