



## Interconnection Feasibility Study Agreement

This agreement (“Agreement”) is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ by and between \_\_\_\_\_, (“Interconnection Customer,”) a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, and \_\_\_\_\_, (“Electric Distribution Company”, (EDC)) a \_\_\_\_\_ existing under the laws of the State of Maryland. Interconnection Customer and EDC each may be referred to as a “Party, ” or collectively as the “Parties.”

### Recitals:

**Whereas**, Interconnection Customer is proposing to develop a Small Generator Facility or generating capacity addition to an existing Small Generator Facility consistent with the Interconnection Request completed by Interconnection Customer on \_\_\_\_\_; and

**Whereas**, Interconnection Customer desires to interconnect the Small Generator Facility with EDC’s Electric Distribution System; and

**Whereas**, Interconnection Customer has requested EDC to perform an Interconnection Feasibility Study to assess the feasibility of interconnecting the proposed Small Generator Facility to EDC’s Electric Distribution System;

**Now, Therefore**, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

1. When used in this Agreement, with initial capitalization, the terms specified shall have the meanings indicated. Terms used in this Agreement with initial capitalization but not defined in this Agreement shall have the meanings specified in Section 2 of the Maryland Standard Small Generator Interconnection Rules.
2. Interconnection Customer elects and EDC shall cause to be performed an Interconnection Feasibility Study consistent with Section XIV (5)(i) of the Maryland Standard Small Generator Interconnection Rules.
3. The scope of the Interconnection Feasibility Study shall be subject to the assumptions set forth in Attachment A to this Agreement.
4. The Interconnection Feasibility Study shall be based on the technical information provided by Interconnection Customer in the Interconnection Request, as may be modified as the result of the Scoping Meeting. EDC reserves the right to request additional technical information from Interconnection Customer as may reasonably become necessary, during the course of the Interconnection Feasibility Study. If the Interconnection Customer modifies its Interconnection Request, the time to complete the Interconnection Feasibility Study may be extended by agreement of the Parties.
5. In performing the study, EDC shall rely, to the extent reasonably practicable, on existing studies of recent vintage. The Interconnection Customer will not be charged for such existing studies; however, Interconnection Customer shall be responsible for charges associated with any new study or modifications to existing studies that are reasonably necessary to perform the Interconnection

**Send to: Pepco, Attn: Kast South, Phone: (202)872-2040, Fax: (202) 872-3228**

**Email: gpc-south@pepco.com or mail to: Mail Stop: EP 7642 701 9th St. NW., Washington, DC 20068**

Feasibility Study.

6. The Interconnection Feasibility Study report shall provide the following information:
  - 6.1. Preliminary identification of any circuit breaker short circuit capability limits exceeded as a result of the interconnection,
  - 6.2. Preliminary identification of any thermal overload or voltage limit violations resulting from the interconnection, and
  - 6.3. Preliminary description and non-bonding estimated cost of facilities required to interconnect the Small Generator Facility to EDC's Electric Distribution System and to address the identified short circuit and power flow issues.
7. EDC may require a study deposit of the lesser of 100 percent of estimated non-binding good faith study costs or \$1,000.
8. The Interconnection Feasibility Study shall be completed and the results shall be transmitted to Interconnection Customer within thirty calendar days after this Agreement is signed by the Parties.
9. Study fees shall be based on actual costs and will be invoiced to Interconnection Customer after the study is transmitted to Interconnection Customer. The invoice shall include an itemized listing of employee time and costs expended on the study.
10. Interconnection Customer shall pay any actual study costs that exceed the deposit without interest within thirty calendar days on receipt of the invoice. EDC shall refund any excess amount without interest within thirty calendar days of the invoice.

In witness whereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of Interconnection Customer]

Signed \_\_\_\_\_  
Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

[Insert name of EDC]

Signed \_\_\_\_\_  
Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

**Attachment A to Interconnection Feasibility Study Agreement**  
**Assumptions Used in Conducting the Interconnection Feasibility Study**

The Interconnection Feasibility Study will be based upon the information set forth in the Interconnection Request and agreed upon in the Scoping Meeting held on \_\_\_\_\_:

1. Designation of Point of Interconnection and configuration to be studied.

\_\_\_\_\_  
\_\_\_\_\_

2. Designation of alternative Points of Interconnection and configuration. Note: 1 and 2 are to be completed by Interconnection Customer.

\_\_\_\_\_  
\_\_\_\_\_

Note: 1 and 2 are to be completed by the Interconnection Customer. Other assumptions (listed below) are to be provided by Interconnection Customer and EDC.

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Interconnection System Impact Study Agreement

This agreement (“Agreement”) is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ by and between \_\_\_\_\_, a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, (“Interconnection Customer,”) and \_\_\_\_\_, a \_\_\_\_\_ existing under the laws of the State of \_\_\_\_\_, (“Electric Distribution Company”, (EDC)). Interconnection Customer and EDC each may be referred to as a “Party,” or collectively as the “Parties.”

### Recitals:

**Whereas**, Interconnection Customer is proposing to develop a Small Generator Facility or generating capacity addition to an existing Small Generator Facility consistent with the Interconnection Request completed by Interconnection Customer on \_\_\_\_\_ and;

**Whereas**, Interconnection Customer desires to interconnect the Generating Facility with EDC’s Electric Distribution System;

**Whereas**, EDC has completed an Interconnection Feasibility Study and provided the results of said study to Interconnection Customer (This recital to be omitted if the Parties have agreed to forego the Interconnection Feasibility Study.);

**Whereas**, Interconnection Customer has requested EDC to perform an Interconnection System Impact Study to assess the impact of interconnecting the Generating Facility to EDC’s Electric Distribution System;

**Now, therefore**, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

1. When used in this Agreement, with initial capitalization, the terms specified shall have the meanings indicated. Terms used in this Agreement with initial capitalization but not defined in this Agreement shall have the meanings specified in Section 2 of the Maryland Standard Small Generator InterconnectionRules.
2. Interconnection Customer elects and EDC shall cause to be performed an Interconnection System Impact Study consistent with Section XIV(5)(ii) of the Maryland Standard Small Generator InterconnectionRules.
3. The scope of the Interconnection System Impact Study shall be subject to the assumptions set forth in Attachment A to this Agreement.
4. The Interconnection System Impact Study will be based upon the results of the Interconnection Feasibility Study and the technical information provided by Interconnection Customer in the Interconnection Request. EDC reserves the right to request additional technical information from Interconnection Customer as may reasonably become necessary consistent with Good Utility Practice during the course of the Interconnection System Impact Study. If Interconnection Customer modifies its designated Point of Interconnection, Interconnection Request, or the technical information provided therein is modified, the time to complete the Interconnection System Impact Study may be extended.
5. The Interconnection System Impact Study report shall provide the following information:

- 5.1. Identification of any circuit breaker short circuit capability limits exceeded as a result of the interconnection,
  - 5.2. Identification of any thermal overload or voltage limit violations resulting from the interconnection,
  - 5.3. Identification of any instability or inadequately damped response to system disturbances resulting from the interconnection and
  - 5.4. Description and non-binding, good faith estimated cost of facilities required to interconnect the Generating Facility to EDC's Electric Distribution System and to address the identified short circuit, instability, and power flow issues.
6. EDC may require a study deposit of the lesser of 50 percent of estimated non-binding good faith study costs or \$3,000.
  7. The distribution Interconnection System Impact Study, if required, shall be completed and the results transmitted to Interconnection Customer within thirty calendar days after this Agreement is signed by the Parties. The distribution Interconnection System Impact Study, if required, shall be completed and the results transmitted to Interconnection Customer within forty-five calendar days after this Agreement is signed by the Parties, or in accordance with EDC's queuing procedures.
  8. Study fees shall be based on actual costs and will be invoiced to Interconnection Customer after the study is transmitted to Interconnection Customer. The invoice shall include an itemized listing of employee time and costs expended on the study.
  9. Interconnection Customer shall pay any actual study costs that exceed the deposit without interest within thirty calendar days on receipt of the invoice. EDC shall refund any excess amount without interest within thirty calendar days of the invoice.

In witness thereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of Interconnection Customer]

Signed \_\_\_\_\_

Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

[Insert name of EDC]

Signed \_\_\_\_\_

Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

**Attachment A to Interconnection System Impact Study Agreement**

**Assumptions Used in Conducting the Interconnection System Impact Study**

The Interconnection System Impact Study shall be based upon the results of the Interconnection Feasibility Study, subject to any modifications in accordance with Section 6.5 of the Standard Small Generator Interconnection Procedures, and the following assumptions:

1. Designation of Point of Interconnection and configuration to be studied.

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2. Designation of alternative Points of Interconnection and configuration. Note: 1 and 2 are to be completed by Interconnection Customer.

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Note: 1 and 2 are to be completed by the Interconnection Customer. Other assumptions (listed below) are to be provided by Interconnection Customer and EDC.

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## Interconnection Facilities Study Agreement

This agreement (“Agreement”) is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ by and between \_\_\_\_\_, a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_, (“Interconnection Customer,”) and \_\_\_\_\_, a \_\_\_\_\_ existing under the laws of the State of \_\_\_\_\_, (“Electric Distribution Company”, (EDC)). Interconnection Customer and EDC each may be referred to as a “Party,” or collectively as the “Parties.”

### Recitals:

**Whereas**, Interconnection Customer is proposing to develop a Small Generator Facility or generating capacity addition to an existing Small Generator Facility consistent with the Interconnection Request completed by Interconnection Customer on \_\_\_\_\_; and

**Whereas**, Interconnection Customer desires to interconnect the Small Generator Facility with EDC’s Electric Distribution System;

**Whereas**, EDC has completed an Interconnection System Impact Study and provided the results of said study to Interconnection Customer; and

**Whereas**, Interconnection Customer has requested EDC to perform an Interconnection Facilities Study to specify and estimate the cost of the equipment, engineering, procurement and construction work needed to implement the conclusions of the Interconnection System Impact Study in accordance with Good Utility Practice to physically and electrically connect the Small Generator Facility to EDC’s Electric Distribution System.

**Now, therefore**, in consideration of and subject to the mutual covenants contained herein the Parties agree as follows:

1. When used in this Agreement, with initial capitalization, the terms specified shall have the meanings indicated. Terms used in this Agreement with initial capitalization but not defined in this Agreement shall have the meanings specified in the Maryland Standard Small Generator Interconnection Rules .
2. Interconnection Customer elects and EDC shall cause an Interconnection Facilities Study consistent with Section XIV (5)(iii) of the Maryland Standard Small Generator Interconnection Rules.
3. The scope of the Interconnection Facilities Study shall be subject to data provided in Attachment A to this Agreement.
4. An Interconnection Facilities Study report (1) shall provide a description, estimated cost of (consistent with Attachment A), schedule for required facilities to interconnect the Small Generator Facility to EDC’s Electric Distribution System and (2) shall address the short circuit, instability, and power flow issues identified in the Interconnection System Impact Study.
5. EDC may require a study deposit of the lesser of 50 percent of estimated non-binding good faith study costs or \$10,000.
6. In cases where no Upgrades are required, the Interconnection Facilities Study shall be completed and



the results shall be transmitted to Interconnection Customer within thirty calendar days after this Agreement is signed by the Parties. In cases where Upgrades are required, the Interconnection Facilities Study shall be completed and the results shall be transmitted to Interconnection Customer within forty-five calendar days after this Agreement is signed by the Parties.

7. Study fees shall be based on actual costs and will be invoiced to Interconnection Customer after the study is transmitted to Interconnection Customer. The invoice shall include an itemized listing of employee time and costs expended on the study.
8. Interconnection Customer shall pay any actual study costs that exceed the deposit without interest within thirty calendar days on receipt of the invoice. EDC shall refund any excess amount without interest within thirty calendar days of the invoice.

In witness whereof, the Parties have caused this Agreement to be duly executed by their duly authorized officers or agents on the day and year first above written.

[Insert name of Interconnection Customer]

Signed \_\_\_\_\_

Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

[Insert name of EDC]

Signed \_\_\_\_\_

Name (Printed): \_\_\_\_\_ Title \_\_\_\_\_

**Attachment A to Interconnection Facilities Study Agreement**

**Data To Be Provided by Interconnection Customer With the Interconnection Facilities Study Agreement**

Provide location plan and simplified one-line diagram of the plant and station facilities. For staged projects, please indicate future generation, distribution circuits, etc. On the one-line diagram, indicate the generation capacity attached at each metering location. (Maximum load on CT/PT) .On the one-line diagram, indicate the location of auxiliary power. (Minimum load on CT/PT) Amps. One set of metering is required for each generation connection to the new ring bus or existing EDC station. Number of generation connections: \_\_\_\_\_ Will an alternate source of auxiliary power be available during CT/PT maintenance? Yes \_\_\_\_\_ No \_\_\_\_\_. Will a transfer bus on the generation side of the metering require that each meter set be designed for the total plant generation? Yes \_\_\_\_\_ No \_\_\_\_\_ (Please indicate on the one-line diagram). What type of control system or PLC will be located at the Small Generator Facility? \_\_\_\_\_. What protocol does the control system or PLC use? \_\_\_\_\_. Please provide a 7.5-minute quadrangle map of the site. Indicate the plant, station, distribution line, and property lines. Physical dimensions of the proposed interconnection station: \_\_\_\_\_. Bus length from generation to interconnection station: \_\_\_\_\_. Line length from interconnection station to EDC's Electric Distribution System. \_\_\_\_\_. Tower number observed in the field. (Painted on tower leg)\*: \_\_\_\_\_. Number of third party easements required for distribution lines\*: \_\_\_\_\_. \* To be completed in coordination with EDC. Is the Small Generator Facility located in EDC's service area? Yes \_\_\_\_\_ No \_\_\_\_\_ If No, please provide name of local provider: \_\_\_\_\_

Please provide the following proposed schedule dates:

Begin Construction Date: \_\_\_\_\_

Generator step-up transformers receive back feed power Date: \_\_\_\_\_

Generation Testing Date: \_\_\_\_\_

Commercial Operation Date: \_\_\_\_\_