The Narragansett Electric Company

Standards for Connecting Distributed Generation

**Exhibit** **A – Simplified Process Interconnection Application**

Instructions *(please do not submit pages 1-3)*

General Information: If you, the Interconnecting Customer, wish to submit an application to interconnect your generating Facility using the Simplified Process (reference Section 3.1 of the Interconnection Tariff for eligibility) please fill out the attached application form completely (not including this page of instructions), including your signature in the space provided. Interconnections that may be eligible for this Simplified Process include UL 1741-Listed inverter-based Facilities that are either (1) connecting to radial electric power systems with power ratings of ≤10 kW single-phase or ≤25 kW three-phase, or (2) connecting to spot network electric power systems with power ratings of ≤15 kW single-phase. Please attach any documentation provided by the inverter manufacturer concerning the UL 1741 listing provided by the manufacturer.

Mail material to:

National Grid

40 Sylvan Road

2nd Floor East, E2.577

Waltham, MA 02451

Attn: RI Interconnection Application

The Simplified Process is as follows:

1. Application process:
2. Interconnecting Customer submits a Simplified Application filled out properly and completely.
3. The electric utility (Company) acknowledges to the Interconnecting Customer receipt of the application within 3 business days of receipt.
4. Company evaluates the application for completeness and notifies the Interconnecting Customer within 10 business days of receipt that the application is or is not complete and, if not, advises what is missing.
5. Company verifies Facility equipment can be interconnected safely and reliably.
6. If approved, the Company signs the application approval line and sends to the Interconnecting Customer. In certain rare circumstances, the Company may require the Interconnecting Customer to pay for minor System Modifications. If so, a description of work and an estimate will be sent back to the Interconnecting Customer for approval. The Interconnecting Customer would then approve via a signature and payment for the minor System Modifications. If the Interconnecting Customer approves, the Company performs the System Modifications. Then, the Company signs the application approval line and sends to the Interconnecting Customer.
7. Upon receipt of the signed application, the Interconnecting Customer installs the Facility. Then the Interconnecting Customer arranges for inspection of the completed installation by the local electrical wiring inspector, or other authority having jurisdiction, and this person signs the Certificate of Completion. If the Facility was installed by an electrical contractor, this person also fills out the Certificate of Completion.
8. The Interconnecting Customer returns the Certificate of Completion to the Company.
9. Following receipt of the Certificate of Completion, the Company may inspect the Facility for compliance with standards by arranging for a Witness Test. The Interconnecting Customer has no right to operate in parallel (interconnect) until a Witness Test has been performed or has been previously waived on the Application Form. The Company is obligated to complete this Witness Test within 10 business days of the receipt of the Certificate of Completion. If the Company does not inspect in 10 business days or by mutual agreement of the Parties, the Witness Test is deemed waived.
10. Assuming the wiring inspection and/or Witness Test is satisfactory, the Company notifies the Interconnecting Customer in writing that interconnection is authorized. If the Witness Test is not satisfactory, the Company has the right to disconnect the Facility, and will provide information to the Interconnecting Customer describing clearly what is required for approval.

Contact Information: You must provide the contact information for the legal applicant (i.e. the Interconnecting Customer). If other parties are responsible for interfacing with the Company, you should provide their contact information as well.

Ownership Information: Please enter the legal names of the owner or owners of the Facility. Include the percentage ownership (if any) by any Company or public utility holding company, or by any entity owned by either.

Generating Facility Information: Please consult an actual electric bill from the Electric Service Company and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, a temporary number may be assigned by the Electric Company.

UL 1741 Listed? The standard UL 1741, “Inverters, Converters, and Controllers for Use in Independent Power Systems,” addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741. This term “Listed” is then marked on the equipment and supporting documentation.

**Eligibility Requirements for the Renewable Energy Growth (REG) Program**

**Introduction**

To be eligible, a Small-Scale Solar Project must meet certain requirements, and National Grid will review the interconnection application to determine whether the project meets these requirements. Projects that do not meet eligibility requirements will be disqualified from the REG Program.

**Eligible Applicant**

An Applicant must be in good standing with regard to obligations to National Grid. Such obligations include but are not limited to being current with amounts due on the electric service account(s) or fulfilling the requirements of an approved payment plan.

**Eligible Facilities**

To be eligible as a Small-Scale Solar Project, a project must: (1) be a Small-Scale Solar renewable energy resource; (2) have a nameplate capacity equal to or less than 25 kW; and (3) interconnect with the Company’s electric power system. A Small-Scale Solar Project’s nameplate capacity is the total rated power output of all solar panels measured in DC. Before applying to the RE Growth Program, a project must not be: (1) already operating; or (2) under construction, except for preparatory site work that is less than twenty-five percent (25%) of the estimated total project cost.

**Residential**

To be eligible as a Residential Small-Scale Solar Project, a project must be located at a National Grid customer’s residence where the residential customer receives electric service under the Company’s residential rate schedules as provided for in the tariffs govering the REG Program, as may be amended from time to time.

**Non-Residential**

Any Small-Scale Solar Project that is not eligible to enroll as a Residential Small-Scale Solar Project will be enrolled as a Non-Residential Small-Scale Solar Project. Note that these projects may also be configured for net metering but are not required to do so. These projects will receive retail delivery service pursuant to the Company’s small and medium rate schedules as provided for in the tariffs governing the REG Program, as may be amended from time to time.

**Prohibition on Project Segmentation**

Project segmentation occurs when one distributed generation project is divided or segregated into multiple projects on a single parcel or on contiguous parcels in order to qualify under smaller size project classifications. The company may also require additional property information to verify that the project is eligible for participation in the program.

Under the RE Growth Program, project segmentation is not allowed. However, a project developer may designate an additional distributed generation until or portion of a unit on the same parcel or on a contiguous parcel for net metering or for other means of participating in electricity markets, as long as any such unit or portion of such unit: (1) is not receiving Performance-Based Incentives through the RE Growth Program; (2) is segregated electrically; and (3) is separately metered.

A distributed generation project is not considered segmented if: (1) at least twenty-four (24) months elapse between the operating start-date of the distributed generation project and the start of construction of new distributed generation unit(s) on the same parcel or a contiguous parcel; or (2) the distributed generation projects use different renewable resources. In addition, DG projects installed on contiguous parcels or a single parcel will not be considered segmented if they serve different customers and both customers opt to receive bill credits under Option 2 as described in Section 8.c of the Non-Residential RE Growth Tariff.

**Exhibit A - Simplified Process Interconnection Application and Service Agreement**

Contact Information (PRINT):

Interconnecting Customer:      Contact Person:

Mailing Address:

City:       State:       Zip Code:

Telephone (Primary):       Telephone (Secondary):

Fax:       E-Mail (s):

Host Retail Customer Contact Information (complete information different than Interconnecting Customer):

Retail Customer:      Contact Person:

Mailing Address:

City:       State:       Zip Code:

Telephone (Primary):       Telephone (Secondary):

Fax:       E-Mail (s):

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Contact Person:      Company Name:

Mailing Address:

City:       State:       Zip Code:

Telephone (Primary):      Telephone (Secondary):

Fax:       E-Mail (s):

Electrical Contractor Contact Information (if appropriate):

Name:

Mailing Address:       Telephone:

City:

State:

Zip Code:

Ownership Information (include % ownership by any electric utility):

Facility Information:

Address of Facility:

City:       State:       Zip Code:

Electric Serv. Com.: National Grid: Account Number:       Meter Number:

Work Request Number (For Upgrades or New Service):

Inverter Manufacturer:      Model Name and Number:       Quantity:

Nameplate Rating:       (kW)       (kVA)       (AC Volts) Single or Three Phase

System Design Capacity:      (kw(:       (kVA) For Solar PV-DC-STS rating:       kw

Roof Ground or Tracker Mounted

Prime Mover: Photovoltaic  Reciprocating Engine  Fuel Cell  Turbine  Other

Energy Source: Solar  Wind  Hydro  Diesel  Natural Gas  Fuel Oil  Other

IEEE 1547.1 (UL 1741) Listed? Yes  No  Generating system already exists on current account? Yes  No

Customer Program Elections:

A customer may make a program election for a project on this interconnection application. National Grid will review the customer’s responses provided here and other information to determine whether the project meets these requirements. A project can only be enrolled in Net Metering OR the Renewable Energy Growth program, but not both. Applications selecting both will be rejected.

Applying for Net Metering? Yes  No

Applying to Renewable Energy Growth Program? Yes  No  (If yes, the system must be configured per sizing restrictions in the Renewable Energy Growth tariff and the Customer electric account(s) must be in good standing) and See Renewable Energy Growth Programs for Residential Customers, R.I.P.U.C. No. 2151, or Renewable Energy Growth Program for Non-Residential Customer, R.I.P.U.C. No. 2152.

Is the Customer receiving electric service as Basic Residential Rate A-16 or Low Income Rate A-60? Yes  No 

Does the Customer have site control for the Project? Yes  No

Is the Project already operating? Yes  No  (If yes, not eligible for Renewable Energy Growth Program)

Is the Project more than 25% constructed?  Yes  No (If yes, not eligible for Renewable Energy Growth Program)

Is the Project segmented (divided or split into multiple projects on a single parcel or on contiguous parcels in order to qualify under smaller size project classifications)?  Yes  No (If yes, please see the exceptions to the Anti-segmentation rules in the Renewable Energy Growth Program tariffs. If a project does not meet any of the exceptions, and is found to be segmented, it will not be approved for participation.)

Estimated Install Date:       Estimated In-Service Date:

**Re-Growth Selection only:**

Panel Manufacturer, Model Name and Number:       Quantity:

Azimuth & Tilt of Panels: Azimuth:       (compass degree heading) Tilt:      (degree tilt)

Total Project Cost:       Electrical Permit Fee:

Building Permit Fee:$      \_\_\_\_\_\_\_\_\_\_

If project is at an existing location, has the location received an Energy Efficiency audit? Yes  No

Contract Term 15yrs  or 20yrs

**If participating in Solar Wise Program:** Bonus Award Letter:Tier 1  or Tier 2

When Enrolling in Renewable Energy Growth Program, customer account information and signature must be provided on the **Payment/Credit Transfer Form** and submitted with this application.

**Renewable Energy Growth Application Affidavit** must be signed and returned with this application.

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: Title: Date:

***Please attach any documentation provided by the inverter manufacturer describing the inverter’s UL 1741 listing.***

Approval to Install Facility (For National Grid use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes  No  To be Determined  )

National Grid Signature: Title: Date:

Application ID number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Company waives inspection/Witness Test? Yes  No**Terms and Conditions for Simplified Process Interconnections**

**Construction of the Facility**. The Interconnecting Customer may proceed to construct the Facility once the Approval to Install the Facility has been signed by the Company.

**Interconnection and operation**. The Interconnecting Customer may operate Facility and interconnect with the Company’s system once the following has occurred:

**Municipal Inspection**. Upon completing construction, the Interconnecting Customer will cause the Facility to be inspected or otherwise certified by the local electrical wiring inspector with jurisdiction.

**Certificate of Completion**. The Interconnecting Customer returns the Certificate of Completion appearing as Attachment 2 to the Agreement to the Company at address noted.

**Company has completed or waived the right to inspection**.

**Company Right of Inspection**. Within ten (10) business days after receipt of the Certificate of Completion, the Company may, upon reasonable notice and at a mutually convenient time, conduct an inspection of the Facility to ensure that all equipment has been appropriately installed and that all electrical connections have been made in accordance with the Interconnection Tariff. The Company has the right to disconnect the Facility in the event of improper installation or failure to return Certificate of Completion. If the Company does not inspect in 10 days or by mutual agreement of the Parties, the Witness Test is deemed waived.

**Safe Operations and Maintenance**. The Interconnecting Customer shall be fully responsible to operate, maintain, and repair the Facility.

**Access**. The Company shall have access to the disconnect switch (if required) of the Facility at all times.

**Disconnection**. The Company may temporarily disconnect the Facility to facilitate planned or emergency Company work.

**Metering and Billing**. All Facilities approved under this Agreement qualify for net metering, as approved by the Commission from time to time, and the following is necessary to implement the net metering provisions:

**Interconnecting Customer Provides Meter Socket**. The Interconnecting Customer shall furnish and install, if not already in place, the necessary meter socket and wiring in accordance with accepted electrical standards.

**Company Installs Meter**. The Company shall furnish and install a meter capable of net metering within ten (10) business days after receipt of the Certificate of Completion if inspection is waived, or within 10 business days after the inspection is completed, if such meter is not already in place.

**Indemnification**. Except as precluded by the laws of the State of Rhode Island and the Providence Plantations, Interconnecting Customer and Company shall each indemnify, defend and hold the other, its directors, officers, employees and agents (including, but not limited to, Affiliates and contractors and their employees), harmless from and against all liabilities, damages, losses, penalties, claims, demands, suits and proceedings of any nature whatsoever for personal injury (including death) or property damages to unaffiliated third parties that arise out of, or are in any manner connected with, the performance of this Agreement by that party, except to the extent that such injury or damages to unaffiliated third parties may be attributable to the negligence or willful misconduct of the party seeking indemnification.

**Limitation of Liability**. Each party’s liability to the other party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney’s fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either party be liable to the other party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.

**Termination**. This Agreement may be terminated under the following conditions:

**By Mutual Agreement**. The Parties agree in writing to terminate the Agreement.

**By Interconnecting Customer**. The Interconnecting Customer may terminate this Agreement by providing written notice to Company.

**By Company**. The Company may terminate this Agreement (1) if the Facility fails to operate for any consecutive 12 month period, or (2) in the event that the Facility impairs the operation of the electric distribution system or service to other customers or materially impairs the local circuit and the Interconnecting Customer does not cure the impairment.

**Assignment/Transfer of Ownership of the Facility**. This Agreement shall survive the transfer of ownership of the Facility to a new owner when the new owner agrees in writing to comply with the terms of this Agreement and so notifies the Company.

**Interconnection Tariff**. These Terms and Conditions are pursuant to the Company’s Tariff for the Interconnection of Customer-Owned Generating Facilities, as approved by the Rhode Island Public Utilities Commission and as the same may be amended from time to time (“Interconnection Tariff”). All defined terms set forth in these Terms and Conditions are as defined in the Interconnection Tariff (see Company’s website for complete tariff).