

## WED Two

- 1.9.13: Emailed NG Interconnection application. Overnighted \$2,500 check for Feasibility Study to be completed
- 1.16.13: NG requested WED to complete Schedule B - Application of Renewable Net Metering and Excess Renewable Net Metering Credits & Legal Information document
- 2.20.13: Emailed Schedule B and Legal Information document to NG
- 2.25.13: Interconnection Application received by NG and review complete
- 3.5.13: Email from Power Engineers saying that NG will complete the Impact Studies together
- 8.9.13: Screening Memo received from NG
- 9.23.13: WED received Impact Study Agreement from NG
- 10.22.13: JK said Impact Studies were complete. NG requested \$30,000 payment
- 10.24.13: JK stated Impact Study was 99% complete. Requested signed Impact Study Agreement and payment
- 11.26.13: Requested payment to complete combined study
- 2.12.14: NG recently completed combined study. Awaiting signed agreement and payment

WED COVENTRY 7

**Laura Anthony**

---

**From:** Laura Anthony  
**Sent:** Wednesday, January 09, 2013 4:04 PM  
**To:** distributed.generation@us.ngrid.com  
**Subject:** Generating Facility Expedited/Standard Process Interconnection Application: Coventry Wind Turbine #2  
**Attachments:** Coventry Wind Interconnection Application Turbine 2.pdf; Coventry Turbine 2 Site Electrical One Line Diagram.pdf; Coventry Site Plan.pdf; Coventry Specification Sheets.pdf

To Whom It May Concern,

Attached please find the following documents for your review and approval:

1. Coventry Turbine #2: Generating Facility Expedited/Standard Process Interconnection Application
2. Coventry Turbine #2: Site Electrical One-Line Diagram
3. Coventry Turbine #2: Site Plan
4. Coventry Turbine #2: Specification Sheets for the generator, protection equipment, transformer, etc.

A check in the amount of \$2,500.00 along with the application is being sent via Fed Ex Overnight.

Sincerely,

*Laura Anthony*



1130 Ten Rod Road, Suite E-102

North Kingstown, RI 02852

O: 401-295-4998 x 204

F: 401-295-4944

Email: [lanthony@windenergydevelopmentllc.com](mailto:lanthony@windenergydevelopmentllc.com)



Please consider the environment before printing this email.

**WIND ENERGY DEVELOPMENT LLC**

1130 TEN ROD ROAD SUITE E-102  
NORTH KINGSTOWN, RI 02852

**BANK RHODE ISLAND**

1267

PAY TO THE ORDER OF National Grid

\$ \*\*2,500.00

Two Thousand Five Hundred and 00/100\*\*\*\*\*

DOLLARS

VOID AFTER 60 DAYS

National Grid  
Distributed Generation  
40 Syvan Road E3.571A  
Waltham, MA 02451-1120

MEMO

Interconnection Coventry RI Turbine 2

SECURITY FEATURES INCLUDED. DETAILS ON BACK

*S. Val*  
AUTHORIZED SIGNATURE

⑆001257⑆ ⑆011501682⑆ 152005134⑆

**WIND ENERGY DEVELOPMENT LLC**

WWW.COVENTRYRI.COM

1267

National Grid

1/8/2013

2,500.00

Bank RI

Interconnection Coventry RI Turbine 2

2,500.00

## Laura Anthony

---

**From:** Distributed.Generation <Distributed.Generation@nationalgrid.com>  
**Sent:** Wednesday, January 16, 2013 2:34 PM  
**To:** Laura Anthony  
**Subject:** RE: Generating Facility Expedited/Standard Process Interconnection Application: Coventry Wind Turbine #2 / NET METERING  
**Attachments:** RI Schedule B with Addendum July 2012.doc; Legal Information Document.doc  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Laura,

Per our conversation, you will need to call customer service at 800-322-3223 and open a new customer account. You will then request a new service wr with a billing accounts. Please make sure the account and new wr are under the same name as the legal document (the LLC). I will need the new wr number to process this application.

I will also need the two attached documents filled out an emailed back.

Thanks

## *Rich Johnson*

Customer Solution Representative-Distributed Generation  
Customer Solutions  
National Grid  
Office: 781-907-3477  
Email: [Richard.Johnson2@us.ngrid.com](mailto:Richard.Johnson2@us.ngrid.com)

### **Please check National Grid's website for latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)  
National Grid's Net Metering Webpage - [MA](#), [RI](#), [NH](#)

### **Billing Issues:**

**Residential** ~ Email: [CustomerService@us.ngrid.com](mailto:CustomerService@us.ngrid.com) ~ Phone: (800) 322-3223

**Commercial** ~ Email: [Commercial.Accounts@us.ngrid.com](mailto:Commercial.Accounts@us.ngrid.com) ~ Phone: (508) 357-4405

---

**From:** Laura Anthony [<mailto:lanthony@windenergydevelopmentllc.com>]  
**Sent:** Wednesday, January 09, 2013 3:53 PM  
**To:** Distributed.Generation  
**Cc:** Patrick Fitzgerald  
**Subject:** Generating Facility Expedited/Standard Process Interconnection Application: Coventry Wind Turbine #2

To Whom It May Concern,

Attached please find the following documents for your review and approval:

1. Coventry Turbine #2: Generating Facility Expedited/Standard Process Interconnection Application
2. Coventry Turbine #2: Site Electrical One-Line Diagram
3. Coventry Turbine #2: Site Plan
4. Coventry Turbine #2: Specification Sheets for the generator, protection equipment, transformer, etc.

A check in the amount of \$2,500.00 along with the application is being sent via Fed Ex Overnight.

Sincerely,

*Laura Anthony*



1130 Ten Rod Road, Suite E-102  
North Kingstown, RI 02852

O: 401-295-4998 x 204

F: 401-295-4944

Email: [lanthony@windenergydevelopmentllc.com](mailto:lanthony@windenergydevelopmentllc.com)

 Please consider the environment before printing this email.

\*\*\*\*\* This e-mail and any files transmitted with it, are confidential to National Grid and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error, please reply to this message and let the sender know.

## Laura Anthony

---

**From:** Laura Anthony  
**Sent:** Wednesday, February 20, 2013 4:15 PM  
**To:** 'Distributed.Generation'  
**Subject:** RE: Generating Facility Expedited/Standard Process Interconnection Application: Coventry Wind Turbine #2 / NET METERING  
**Attachments:** Legal Information Document.pdf; Schedule B.pdf

Good afternoon Rich,

Attached, please find the completed Legal Information Document along with Schedule B. Per your message, we are in the process of completing Schedule B with most of the accounts. The Town is still deciding where a couple of them will be.

The new Work Request No. is 274043399

Thank you,

*Laura Anthony*



1130 Ten Rod Road, Suite E-102  
North Kingstown, RI 02852  
O: 401-295-4998 x 204  
F: 401-295-4944  
Email: [la@wedenergy.com](mailto:la@wedenergy.com)

 Please consider the environment before printing this email.

---

**From:** Distributed.Generation [<mailto:Distributed.Generation@nationalgrid.com>]  
**Sent:** Wednesday, January 16, 2013 2:34 PM  
**To:** Laura Anthony  
**Subject:** RE: Generating Facility Expedited/Standard Process Interconnection Application: Coventry Wind Turbine #2 / NET METERING

Laura,

Per our conversation, you will need to call customer service at 800-322-3223 and open a new customer account. You will then request a new service wr with a billing accounts. Please make sure the account and new wr are under the same name as the legal document (the LLC). I will need the new wr number to process this application.

I will also need the two attached documents filled out an emailed back.

Thanks

## ***Rich Johnson***

Customer Solution Representative-Distributed Generation  
Customer Solutions  
National Grid  
Office: 781-907-3477  
Email: [Richard.Johnson2@us.ngrid.com](mailto:Richard.Johnson2@us.ngrid.com)

### **Please check National Grid's website for latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)  
National Grid's Net Metering Webpage - [MA](#), [RI](#), [NH](#)

### **Billing Issues:**

**Residential** ~ Email: [CustomerService@us.ngrid.com](mailto:CustomerService@us.ngrid.com) ~ Phone: (800) 322-3223

**Commercial** ~ Email: [Commercial.Accounts@us.ngrid.com](mailto:Commercial.Accounts@us.ngrid.com) ~ Phone: (508) 357-4405

---

**From:** Laura Anthony [<mailto:lanthony@windenergydevelopmentllc.com>]

**Sent:** Wednesday, January 09, 2013 3:53 PM

**To:** Distributed.Generation

**Cc:** Patrick Fitzgerald

**Subject:** Generating Facility Expedited/Standard Process Interconnection Application: Coventry Wind Turbine #2

To Whom It May Concern,

Attached please find the following documents for your review and approval:

1. Coventry Turbine #2: Generating Facility Expedited/Standard Process Interconnection Application
2. Coventry Turbine #2: Site Electrical One-Line Diagram
3. Coventry Turbine #2: Site Plan
4. Coventry Turbine #2: Specification Sheets for the generator, protection equipment, transformer, etc.

A check in the amount of \$2,500.00 along with the application is being sent via Fed Ex Overnight.

Sincerely,

*Laura Anthony*



1130 Ten Rod Road, Suite E-102

North Kingstown, RI 02852

O: 401-295-4998 x 204

F: 401-295-4944

Email: [lanthony@windenergydevelopmentllc.com](mailto:lanthony@windenergydevelopmentllc.com)

 Please consider the environment before printing this email.

## Legal Information Document:

1. Legal name of the entity that will own and operate the system:  
WED Coventry Two, LLC
2. Type of Organization (e.g. 501(c)(3), Limited Liability Corporation, etc.):  
Limited Liability Company
3. Complete address of principal place of business for this entity:  
1130 Ten Rod Road, Suite E-102 North Kingstown, RI 02852
4. Point of contact for any notices that must be issued to the system owner:  
Point of Contact Name: Mark DePasquale  
  
Address (include city state zip): 1130 Ten Rod Road, Suite E-102  
North Kingstown, RI 02852  
Phone number with extension: 401-295-4998 x 204  
Fax number: 401-295-4944  
Email: mdepasquale@windenergydevelopmentllc.com
5. Will the owner of the system also be the owner of National Grid Electric Account? : No  
  
-----Note: skip 6, 7, 8 and 9 if you answered Yes to question 5. -----
6. Legal name of the entity that will own the electric account (as mentioned on latest Electric Bill):  
Town of Coventry through a net metering financing arrangement as defined in RIGL 39-26.2-7(7)
7. Type of Organization (e.g. 501(c)(3), Limited Liability Corporation, etc.):  
Municipal Government
8. Complete address of principal place of business for this entity:  
1670 Flat River Road, Coventry RI 02816-8911
9. Point of contact for any notices that must be issued to the electric account holder:  
Point of Contract Name: Thomas R. Hoover, Town Manager  
Address (include city state zip): Town of Coventry  
1670 Flat River Rd, Coventry RI 02816-8911  
Phone number with extension: 401-822-9185  
Fax number: 401-822-9139  
Email: thoover@town.coventry.ri.us

THE NARRAGANSETT ELECTRIC COMPANY  
NET METERING PROVISION

Schedule B

INFORMATION REQUIRED FOR APPLICATION OF RENEWABLE NET METERING  
AND EXCESS RENEWABLE NET METERING CREDITS

Date: 1-18-2013

Net Metering Customer ("NMC"): Town of Coventry

NMC Address:  
1679 Flat River Road  
Coventry, RI 02816

Estimated annual generation in kWhs of Eligible Net-Metering System:  
2.8 Million kWhs

Net Metered Account(s)

The following information must be provided for each individual Net Metered Account:

Name: Town of Coventry (Except in the case of a municipal or Multi-municipal Collaborative, the customer of record must be the same as the NMC)

Service Address: 210/212 Piggy Lane, Coventry, RI

National Grid Account Number: 7314264006

Three (3) years average kWh usage for this account: Approximately 2.75 Million kWhs

Total three (3) years average kWh usage for all accounts listed: TBD

Initials: Y.Q.H.

**Addendum to Schedule B – Additional Information Required for Net Metering Service**

**THE NARRAGANSETT ELECTRIC COMPANY  
NET-METERING APPLICATION OF CREDITS**

Customer Name: Town of Coventry  
 Account Number: 7314264006  
 Facility Address: 210/212 Piggy Lane  
 City: Coventry State: RI Zip Code: 02861

The Agreement is between Town of Coventry, a Net-Metered Customer ("NMC") and The Narragansett Electric Company (the "Company") for application of credits earned through net-metering as per section III.B(1) from the NMC located at 210/212 Piggy Lane, Rhode Island.

The NMC agrees to comply with the provisions of the Net-Metering Provision Rate Tariff, the applicable retail delivery tariffs and terms and conditions for service that are on file with the Rhode Island Public Utilities Commission as currently in effect or as modified, amended, or revised by the Company, and to pay any metering and interconnection costs required under such tariff and policies.

A.) For any Billing Period in which the NMC earns Net Metering Credits, please indicate how the Distribution Company will apply them:

- Apply all of the Net Metering Credits to the account of the NMC (skip Items C and D below)
- Allocate all the Net Metering Credits to the accounts of eligible Customers (please fill out C and D below)
- Both apply a portion of the Net Metering Credits to the NMC's account and allocate a portion to the accounts of eligible Customers (please fill out C and D below)

The Company will notify the NMC within 30 days of the filing of Schedule B whether it will allocate or purchase Net Metering Credits. If the Company elects to purchase Net Metering Credits, the Company will render payment by issuing a check to the NMC each Billing Period, unless otherwise agreed in writing by the NMC and Company. If the Company elects to allocate Net Metering Credits, the NMC must complete Item C and submit the revised Schedule B to the Company.

B.) Please state the total percentage of Net Metering Credits to be allocated.

0 % Amount of the Net Metering Credit being allocated. The total amount of Net Metering Credits being allocated shall not exceed 100 %. Any remaining percentage will be applied to the NMC's account.

Initials: Y. R. H.

**Please identify each eligible Customer account to which the NMC is allocating Net Metering Credits by providing the following information (attach additional pages as needed):**

*NOTE: If a designated Customer account closes, the allocated percentage will revert to the NMC's account, unless otherwise mutually agreed in writing by the NMC and the Company.*

Name: Coventry Transfer Station  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: %

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Initials: V. Q. A

**Please identify each eligible Customer account to which the NMC is allocating Net Metering Credits by providing the following information (attach additional pages as needed):**

*NOTE: If a designated Customer account closes, the allocated percentage will revert to the NMC's account, unless otherwise mutually agreed in writing by the NMC and the Company.*

Name: Coventry Transfer Station  
Billing Address:  
Account number:  
Amount of the Net Metering Credit:        %

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Initials: V. Q. H

**Please identify each eligible Customer account to which the NMC is allocating Net Metering Credits by providing the following information (attach additional pages as needed):**

*NOTE: If a designated Customer account closes, the allocated percentage will revert to the NMC's account, unless otherwise mutually agreed in writing by the NMC and the Company.*

Name: Coventry Transfer Station  
Billing Address:  
Account number:  
Amount of the Net Metering Credit:        %

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Initials: V. Q. H

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

Name:  
Billing Address:  
Account number:  
Amount of the Net Metering Credit: 0%

C.) The terms of this Schedule B shall remain in effect unless and until the NMC executes a revised Schedule B and submits it to the Company. Unless otherwise required herein or mutually agreed to in writing by the NMC and the Company, a revised Schedule B shall not be submitted more than once in any given calendar year.

D.) A signature on the application shall constitute certification that (1) the NMC has read the application and knows its contents; (2) the contents are true as stated, to the best knowledge and belief of the NMC; and (3) the NMC possesses full power and authority to sign the application.

Notice

Execution of this agreement will cancel any previous agreement for the net-metered account under the Net-Metering Provision Rate Tariff.

The Company or NMC may terminate this agreement on thirty (30) days written notice, which includes a statement of reasons for such termination. In addition, the NMC must re-file this agreement annually.

Agreed and Accepted – Please sign \*for 1.2 million kwh/year

NMC	Date:
 TOWN MANAGER	2 - 13 - 13
The Narragansett Electric Company	Date:
DBA as National Grid	

Initials: Y.Q.H.

## Laura Anthony

---

**From:** Distributed.Generation <Distributed.Generation@nationalgrid.com>  
**Sent:** Monday, February 25, 2013 1:25 PM  
**To:** Laura Anthony  
**Cc:** Patrick Fitzgerald  
**Subject:** Interconnection Application Complete and Under Detailed Review RI / DG WR  
14462941 / 210 Piggy Lane., Coventry, RI / 1500kw  
**Attachments:** Comp Signed Application.pdf  
  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Greetings. National Grid has received an Application for Interconnection for the facility at 210 Piggy Lane., Coventry, RI. The application information you have submitted is considered complete and will allow us to now review it for interconnection feasibility. ***Please note: This email does not constitute an approval to construct the system. Additional review is required.*** Once the review is complete, National Grid will indicate whether this application can be processed under the Expedited or Standard process. Please reference the Job Number from the subject line (above) in future correspondence about this application. If the design of your system changes, please resubmit any applicable information (site diagram, one-line, etc.) so as to expedite the review process. **Please note that additional information may be required as the job progresses through our process.**

Attached is our acknowledgement the application is complete.  
The milestones shown on our [website](#) generally reflect the process, as defined in more detail in the [Interconnection Tariff](#).

Note that a **generator is NOT authorized to interconnect until the standard (single-direction) meter has been changed to a (bi-directional) Net Meter – AND – the “Authority to Interconnect” letter has been provided by National Grid.** This is especially important, as a generator operating behind a standard meter may cause billing errors.

Sincerely,

Distributed Generation  
nationalgrid

For more information please check below websites  
MA [https://www.nationalgridus.com/masselectric/business/energyeff/4\\_interconnect.asp](https://www.nationalgridus.com/masselectric/business/energyeff/4_interconnect.asp)  
R.I. [https://www.nationalgridus.com/narragansett/business/energyeff/4\\_interconnect.asp](https://www.nationalgridus.com/narragansett/business/energyeff/4_interconnect.asp)  
NH [https://www.nationalgridus.com/granitestate/business/energyeff/4\\_interconnect.asp](https://www.nationalgridus.com/granitestate/business/energyeff/4_interconnect.asp)

For contractors and customers looking for technical information on parallel generation with the National Grid electric power system, please refer to Appendix C of [Electric System Bulletin \(ESB\) 756](#).

National Grid also offers Energy Efficiency incentives for lighting, motors, compressors and custom projects. Visit [www.powerofaction.com/efficiency/](http://www.powerofaction.com/efficiency/) for more information.

**Rich Johnson**

Customer Solution Representative-Distributed Generation

Customer Solutions  
National Grid  
Office: 781-907-3477  
Email: [Richard.Johnson2@us.ngrid.com](mailto:Richard.Johnson2@us.ngrid.com)

**Please check National Grid's website for latest information on:**

Interconnection Standards - [MA, RI, NH](#)  
National Grid's Net Metering Webpage - [MA, RI, NH](#)

**Billing Issues:**

**Residential** ~ Email: [CustomerService@us.ngrid.com](mailto:CustomerService@us.ngrid.com) ~ Phone: (800) 322-3223

**Commercial** ~ Email: [Commercial.Accounts@us.ngrid.com](mailto:Commercial.Accounts@us.ngrid.com) ~ Phone: (508) 357-4405

\*\*\*\*\* This e-mail and any files transmitted with it, are confidential and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error, please reply to this message and let the sender know.

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

**Generating Facility Expedited/Standard Process Interconnection Application**

**Contact Information**

Date Prepared: 1/3/2012 \_\_\_\_\_

**Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)**

Customer or Company Name: Wind Energy Development \_\_\_\_\_ Contact Name: Mark DePasquale \_\_\_\_\_

Mailing Address: 1130 Ten Rod Road, Suite E102 \_\_\_\_\_

City: North Kingstown \_\_\_\_\_ State: RI \_\_\_\_\_ Zip Code: 02852 \_\_\_\_\_

Telephone (Primary): 401-667-0431 \_\_\_\_\_ Telephone (Secondary): \_\_\_\_\_

Fax: 401-295-4944 \_\_\_\_\_ E-Mail (s): MDePasquale@windenergydevelopmentllc.com \_\_\_\_\_

**Alternative Contact Information (e.g. system installation contractor or coordinating company)**

Name: David Colombo, Power Engineers LLC \_\_\_\_\_

Mailing Address: 37 Fox Den Road \_\_\_\_\_

City: Kingston \_\_\_\_\_ State: MA \_\_\_\_\_ Zip Code: 02364 \_\_\_\_\_

Telephone (Primary): 508-612-0382 \_\_\_\_\_ Telephone (Secondary): \_\_\_\_\_

Fax: 781-936-8641 \_\_\_\_\_ E-Mail (s): Dave@PowerEngineersLLC.com \_\_\_\_\_

**Ownership (include % ownership by any electric utility):** Wind Energy Development \_\_\_\_\_

**Generating Facility Information**

Address of Facility (if different from above): Piggy Lane, off of Perry Hill Road, Turbine #2 41d40'19.88"N, 71d42'20.14"W \_\_\_\_\_

City: Coventry \_\_\_\_\_ State: RI \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electric Service Company: National Grid Account Number: new 73142-64006 Meter Number: new \_\_\_\_\_

Work Request Number (For Upgrades or New Service): 14422857 \_\_\_\_\_

Type of Generating Unit: Synchronous  Induction  Inverter

Manufacturer: Goldwind \_\_\_\_\_ Model: GW82-1500 \_\_\_\_\_

Nameplate Rating: 1500\_ (kW) 0\_ (kVAr) 690\_ (Volts) Single  or Three  Phase

Prime Mover: Fuel Cell  Recip Engine  Turbine  Photo Voltaic  Other  Specify: \_\_\_\_\_

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

For Solar PV provide system DCC-STC rating: \_ (kW) Requesting Feasibility Study? Yes  No

Need an air quality permit from RIDEM? Yes  No  Not Sure

If "yes", have you applied for it? Yes  No  IEEE1547.1(UL1741) Listed? Yes  No

Generating system already exists on current account? Yes  No

Planning to Export Power? Yes  No  A Cogeneration Facility? Yes  No

Anticipated Export Power Purchaser: Town of Coventry via Net Metering \_\_\_\_\_

Export Form: Simultaneous Purchase/Sale  Net Purchase/Sale  Net Metering  Other

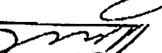
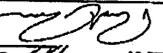
Specify:

Est. Install Date: \_\_\_\_\_ Est. In-Service Date: 8-2013 Agreement Needed By: 8-15-2013

**Application Process**

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true.

Interconnecting Customer Signature:  Title: Manager Date: 1-8-13  
National Grid Signature:  Title: GSR Number Date: 02/25/13

## Laura Anthony

---

**From:** Laura Anthony  
**Sent:** Tuesday, March 05, 2013 11:11 AM  
**To:** Dave@PowerEngineersLLC.com  
**Subject:** Re: Coventry Wind Turbine #1

Thanks. We spoke with John Kennedy and he said they will do the impact study together.

Sent from my iPhone

On Mar 4, 2013, at 8:32 PM, "David Colombo" <[Dave@PowerEngineersLLC.com](mailto:Dave@PowerEngineersLLC.com)> wrote:

> I don't believe I have seen anything yet requiring an impact study.

>

> Sincerely,

> Dave

>

> David J. Colombo, P.E.

> Power Engineers, LLC

> (508) 612-0382

>

> -----Original Message-----

> From: Laura Anthony [<mailto:la@wedenergy.com>]

> Sent: Monday, March 04, 2013 12:47 PM

> To: 'P. E. David J. Colombo ([Dave@PowerEngineersLLC.com](mailto:Dave@PowerEngineersLLC.com))'

> Subject: Coventry Wind Turbine #1

>

> Good afternoon David,

>

> Question.... John Kennedy didn't say that National Grid requires an

> Impact Study for the site?

>

> Laura Anthony

> [<cid:image001.png@01CE18D6.551105D0>]

> 1130 Ten Rod Road, Suite E-102

> North Kingstown, RI 02852

> O: 401-295-4998 x 204

> F: 401-295-4944

> Email: [la@wedenergy.com](mailto:la@wedenergy.com)<<mailto:la@wedenergy.com>>

> P Please consider the environment before printing this email.

>

>

>

>

>

>

>

>

>

>

## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Friday, August 09, 2013 1:20 PM  
**To:** Laura Anthony  
**Cc:** Mark(Wind) Depasquale  
**Subject:** RI-14462941: WED Coventry II; 1.5mW Wind Turbine Generator  
**Attachments:** RI -14462941\_WED Coventry Two\_062713\_Screening Memo.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Laura,

Here is the screening memo for WED Coventry II. I am waiting on our engineer to return from vacation to provide the Impact Study fee. Once he is back next week I will be able to draft the Impact Study Agreement and send along. Note: as this project is not associated with the RI DG Standard Offer Contract program the Impact Study fee is not a set fee but an actual estimated fee.

Please let me know if you have any questions.

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

**Please select the appropriate link below for the latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)  
Net Metering - [MA](#), [RI](#), [NH](#)  
[Wholesale Energy Procurements](#)

\*\*\*\*\* This e-mail and any files transmitted with it are confidential to National Grid and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error, please reply to this message and let the sender know.

<b>nationalgrid</b>	Wind Energy Development Coventry Two LLC, Inc. 1500kW(AC) Inverter Based Interconnection Project Coventry, RI	<b>RI-14462941</b>
	<b>INITIAL SCREENING</b>	
	Prepared by: Andris Garsils	June 27, 2013

**A. Executive Summary:**

WED Coventry Two, LLC, the Interconnecting Customer (IC) has proposed installation of 1500 kW (AC) wind turbine system to National Grid's (the Company) EPS on property located at Piggy Lane, Coventry, RI 02816. It was reviewed to determine the type of process and criteria's outlined in R.I.P.U.C. 2078 & National Grid's Electric Service Bulletin (ESB) 756 Appendix D. The review has determined that this installation qualifies as an *Standard Request*.

- A follow-up Impact Study will be required. This will require the execution of an Impact Study Agreement and payment of associated fees.

**B. The Company's EPS:**

The company's 12.47kV multi-grounded underground distribution circuit, the 54F1, normally serves the area. Coventry Substation feeds 54F1 circuit.

- **Feeder(s) Information:**

- i. The average peak load on 54F1 feeder is 10.1MW over the last 1 year. The average minimum load is 5.1MW.
- ii. Total aggregate generation interconnected/in-process to the 54F1 feeder is 3000 kW Wind including this application. The possibility for islanding will be determined in the Impact Study
- iii. The 54F1 feeder has no line voltage regulator installed outside the substation.
- iv. The 54F1 feeder has five (5) reclosers installed outside of the substation.
- v. The 54F1 feeder has 3,000 kVA of capacitance outside the substation.

- **Point of Interconnection (POI):**

- i. IC has requested a new primary metered service under Work Request # 14422857.
- ii. *The company's recommendations:* IC is proposing to connect to a new primary metered service as shown in Figure 1 below.
- iii. The site is located at or adjacent to a superfund site. The Impact Study will identify any special considerations that may be necessary for this specific interconnection to proceed.

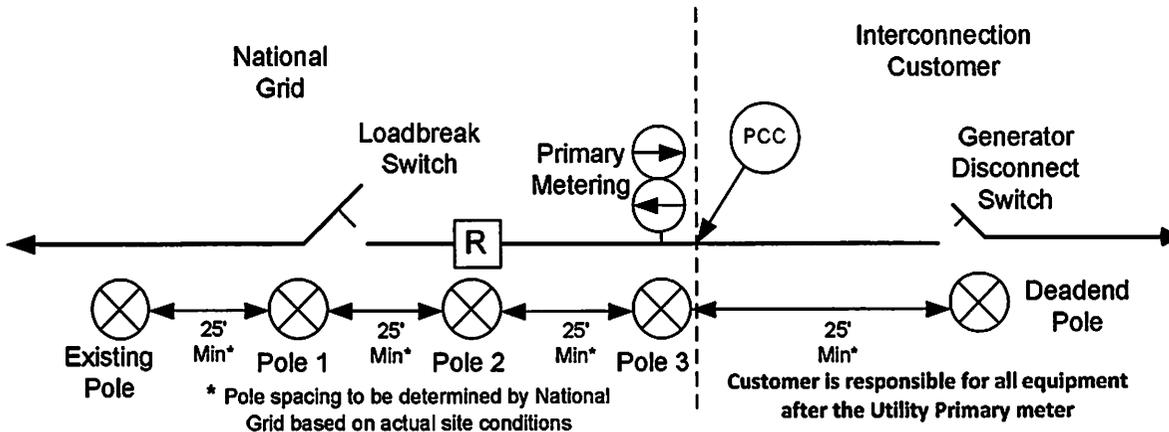


Figure 1.

### C. IC's Proposed Small Generating Facility:

*(IC proposed design of the system is subject to change based on recommended requirements mentioned in the screening.)*

- **Description of proposed design/configuration:** The three-phase 1500 kW wind turbine generating system consist of (1) Goldwind GW82-1500, 1500 kW 690V, direct drive wind turbine generator with internal over/under voltage and over/under frequency protection. The generator output leads to a 690V AC to 620V AC power converter. The output of the power converter is connected to a 1600 kVA 690V/12.47 kV step up transformer with delta primary and wye-grounded secondary windings. The output of the step up transformer is connected to a 1600 kVA 12.47 kV/12.47 kV isolation transformer with wye-grounded primary and delta secondary windings. A pad mounted 15 kV class neutral reactor is also connected to the isolation transformer. The output of the isolation transformer is connected to a 15 kV class, 600A vacuum interrupter controlled by a SEL 315A multi-function relay. The output of the vacuum breaker is connected to a pole mounted, gang operated three phase, 15 kV class, 600A, lockable, load break switch. The customer's load break switch shall be connected to the pole mounted primary metering to be installed by National grid.
- **Description of protective relaying, if any:** Protective relay requirements and settings shall be determined from the Impact Study results. Please refer to section 5.7 of ESB 756 Appendix D for more details.
- **Metering:** IC is proposing to install DG behind new pole mounted primary metering.
- **PCC:** The point of common coupling (PCC) will be the load side of the new pole mounted primary metering. This system will export power beyond the PCC onto the company's Electric Power System (EPS) as this system proposed to be Net Metered.

### D. Cost:

All costs relating to this interconnection will be determined as part of the Impact Study

### E. Requirements/Additional Interconnection Details:

IC needs to submit updated documents and/or requested information, but not limited to, based on below mentioned recommendations prior moving into next step. The requirements are outlined in R.I.P.U.C. 2078 & National Grid's Electric Service Bulletin (ESB) 756 Appendix D.

#### I. **Operating Requirements:**

- a. ESB 756 D 5.7.12: Anti-islanding
- b. ESB 756 C 6.1 & 6.2 Power Factor & Power Quality: Customer should maintain the required power factor and power quality at PCC.
- c. A permanent plaque shall be installed at the revenue meter and at the PCC (right door of the pad mounted transformer) with a warning about the generator installed. A permanent plaque shall be provided at the meter locating the disconnect switch. All plaques as described in NEC 705.10, 705.12 (7), 690.56, 692.4 and 705.70 shall be installed when applicable.
- d.

#### II. **R.I.P.U.C. 2078 Tariff Compliance:** The answer(s) to each of the screening question from the interconnection standard are listed shown below

- a. Is the point of common coupling on a radial distribution system? **Yes.**
- b. Is the aggregate generating facility capacity on the circuit less than 7.5% of the circuit annual peak Load? **No 29.7%**
- c. Does the Facility use a Listed Inverter (UL1741)? **Yes.**
- d. Is the Facility power rating  $\leq 10$  kW single-phase or  $\leq 25$  kW three-phase? **No.**
- e. Is the Service Type Screen met? **Yes, with the installation of a new primary metered service under Work Request # 14422857.**
- f. Is the Facility Listed? **Yes.**
- g. Is the starting voltage drop screen met? **N/A.**
- h. Is the fault current contribution screen met? **Yes.**
- i. Is the service configuration screen met? **Yes, with the installation of a new primary metered service under Work Request # 14422857.**
- j. Is the transient stability screen met? **TBD.**

### F. References:

- ESB 750: Specifications for Electrical Installations

- **ESB 751:** General Requirements Above 600-volt Service (*under development*)
- **ESB 756 Appendix D for Rhode Island:** Requirements for Parallel Generation,
- **R.I.P.U.C. 2078:** Massachusetts Electric Company Nantucket Electric Company d/b/a National Grid Standards for Interconnecting Distributed Generation (RI SDIG)

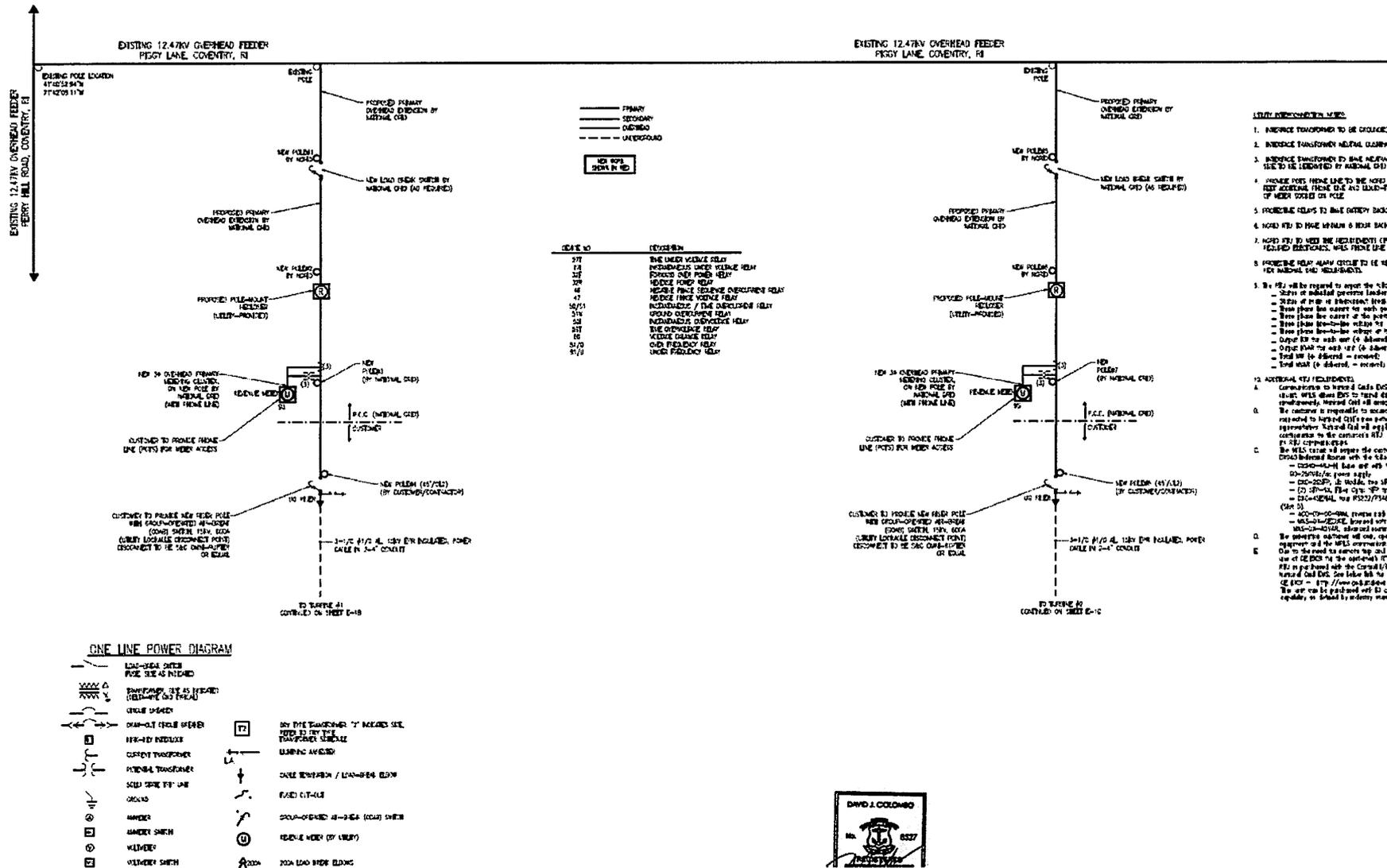


Figure 2A: One Line Diagram for the Proposed System Sht. 1 of 2





## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Monday, September 23, 2013 11:08 AM  
**To:** Mark(Wind) Depasquale  
**Cc:** Laura Anthony  
**Subject:** Impact Study Agreement: 14462941 WED Coventry Two, LLC  
**Attachments:** RI-14462941-WED\_CoventryTwoLLC-ExhE\_ImpactStudyAgree\_092313.pdf

I corrected Subject line information.

Also, once this facility is operational we will process net metered credits per allocations listed on the Schedule B form. This is also follow-up information per a conversation that Mark and I had.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

Please select the appropriate link below for the latest information on:

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

---

**From:** Kennedy, John C.  
**Sent:** Monday, September 23, 2013 10:57 AM  
**To:** 'Mark Wind'  
**Cc:** 'Laura Anthony'  
**Subject:** Impact Study for Renewable DG(ISRDG) Agreement: 15490964 SunEdison Origination1 LLC, 545 Angell Rd.

Good afternoon Mark,

We are moving forward with the studies for both this project and WED Coventry, LLC. As discussed previously, I am providing the standard form letter below to complete the required agreement per the tariff. I will also follow with a phone call to answer any questions that you may have on the agreement and/or costs associated.

-----  
-----

Please find the ISRDG Agreement attached for your review and signature.

The ISRDG will review protection requirements, relay settings, feeder loading and coordination. The ISRDG will result in an ISRDG Report, which will include a +/-25% cost estimate for necessary modifications to the National Grid Electric Power System (EPS). Please visit our website by following the appropriate link below for additional information about the interconnection process.

If you wish to proceed with the study, please sign and email back the ISRDG Agreement.

Upon receipt of the signed agreement, National Grid will create and issue an invoice for the ISRDG Fee in the amount of \$30,000.00 (as noted in the agreement). It is imperative that you do NOT submit any payments prior to

an invoice being issued, and that you do NOT mail any payments to anywhere other than the PO Box listed on the invoice. In order to ensure that the invoice is correctly addressed, please confirm that you have submitted an up-to-date legal information document (and provided instructions regarding how invoices should be issued).

Please note that the ISRDG cannot commence until the following requirements have been satisfied:

1.  The Impact Study Agreement has been signed and submitted (with confirmation of invoice instructions).
2.  The Impact Study Fee has been paid in full.
3.  Any outstanding issues identified in the Feasibility Study(see attached) have been resolved.

Please feel free to contact me as questions arise. All communications to National Grid should be sent to me and include the application number in the email subject.

Regards,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

**Please select the appropriate link below for the latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

\*\*\*\*\* This e-mail and any files transmitted with it are confidential to National Grid and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error, please reply to this message and let the sender know.

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

## Exhibit E – Impact Study or ISRDG Agreement

This Agreement, dated September 23, 2013, is entered into by and between WED Coventry Two, LLC (“Interconnecting Customer”) and the Company, for the purpose of setting forth the terms, conditions and costs for conducting an Impact Study relative to the Standard Process as defined in Section 1.0 and outlined in Section 3.0 of the Interconnection Tariff. This Impact Study pertains to Application Number RI-14462941 (the Interconnecting Customer’s application ID number).

1. The Interconnecting Customer agrees to provide, in a timely and complete manner, all additional information and technical data necessary for the Company to conduct the Impact Study not already provided in the Interconnecting Customer’s application.
2. All work pertaining to the Impact Study that is the subject of this Agreement will be approved and coordinated only through designated and authorized representatives of the Company and the Interconnecting Customer. Each party shall inform the other in writing of its designated and authorized representative, if different than what is in the application.
3. Where there are other potentially Affected Systems, and no single Party is in a position to prepare an Impact Study covering all potentially Affected Systems, the Company will coordinate but not be responsible for the timing of any additional studies required to determine the impact of the interconnection request on other potentially Affected Systems. The Interconnecting Customer will be directly responsible to the potentially Affected System operators for all costs of any additional studies required to evaluate the impact of the interconnection on the potentially Affected Systems. The Company will not proceed with this Impact Study without the Interconnecting Customer’s consent to have the other studies conducted.
4. If the Company determines, in accordance with Good Utility Practice, that the System Modifications to the Company EPS are not substantial, the Impact Study will determine the scope and cost of the modifications. If the Company determines, in accordance with Good Utility Practice, that the System Modifications to the Company EPS are substantial, the Impact Study will produce an estimate for the modification costs (within  $\pm 25\%$ ) and a Detailed Study Agreement and its estimated cost.
5. Impact Study, together with any additional studies contemplated in Paragraph 3, shall form the basis for the Interconnecting Customer’s proposed use of the Company EPS and shall be furthermore utilized in obtaining necessary third-party approvals of any required facilities and requested distribution services. The Interconnecting Customer understands and acknowledges that any use of study results by the Interconnecting Customer or its agents, whether in preliminary or final form, prior to NEPOOL 18.4 approval, should such approval be required, is completely at the Interconnecting Customer’s risk.
6. The Impact Study fee of \$30,000.00 (except as noted below) is due in full prior to the execution of the Impact Study. For a Renewable Interconnecting Customer the ISRDG Study fee is as per Table 2 in Section 3.5 of the interconnection tariff.
7. Final Accounting. Upon request by the Interconnecting Customer, the Company within ninety (90) business days after completion of the construction and installation of the System Modifications described in an attached exhibit to the Interconnection Service Agreement, shall provide Interconnecting Customer with a final accounting report of any difference between (a) Interconnecting Customer’s cost responsibility under the Interconnection Service Agreement for the actual cost of such System Modifications, and (b) Interconnecting Customer’s previous aggregate payments to the Company for such System Modifications. To the extent that Interconnecting Customer’s cost responsibility in the Interconnection Service Agreement exceeds Interconnecting Customer’s previous aggregate payments, the Company shall invoice Interconnecting Customer and Interconnecting Customer shall make payment to the Company within forty-five (45) days. To the extent that

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

Interconnecting Customer's previous aggregate payments exceed Interconnecting Customer's cost responsibility under this agreement, the Company shall refund to Interconnecting Customer an amount equal to the difference within forty-five (45) days of the provision of such final accounting report.

8. In the event this Agreement is terminated for any reason, the Company shall refund to the Interconnecting Customer the portion of the above fee or any subsequent payment to the Company by the Interconnecting Customer that the Company did not expend or commit in performing its obligations under this Agreement. Payments for work performed shall not be subject to refunding except in accordance with Paragraph 11 below.
9. Nothing in this Agreement shall be interpreted to give the Interconnecting Customer immediate rights to wheel over or interconnect with the Company's EPS.
10. 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.

Notwithstanding the foregoing, the Interconnecting Customer hereby waives recourse against the Company and its Affiliates for, and releases the Company and its Affiliates from, any and all liabilities arising from or attributable to incomplete, inaccurate, or otherwise faulty information supplied by the Interconnecting Customer. Moreover, with respect to an ISRDG provided to a Renewable Interconnecting Customer, the Company may not be held liable or responsible if the actual costs exceed the estimate as long as the estimate was provided in good faith and the interconnection was implemented prudently the Company.

11. If either party materially breaches any of its covenants hereunder, the other party may terminate this Agreement by serving notice of same on the other party to this Agreement.
12. This agreement shall be construed and governed in accordance with the laws of the State of Rhode Island and the Providence Plantations.
13. All amendments to this Agreement shall be in written form executed by both Parties.
14. The terms and conditions of this Agreement shall be binding on the successors and assigns of either Party.
15. This Agreement will remain in effect for a period of up to two years from its effective date.
16. This Agreement may be terminated under the following conditions.
  - a) The Parties agree in writing to terminate the Agreement.
  - b) The Interconnecting Customer may terminate this agreement at any time by providing written notice to Company.
  - c) The Company may terminate this Agreement if the Interconnecting Customer either: (1) has not paid the fee or, (2) has not responded to requests for further information in accordance with provisions in the Interconnection Tariff.

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

Interconnecting Customer:

Narragansett Electric Company d/b/a National Grid:

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

## Mark(Wind) Depasquale

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Tuesday, October 22, 2013 9:10 AM  
**To:** Laura Anthony; Mark(Wind) Depasquale  
**Subject:** RE: WED Coventry 4 Interconnection Application / 15772951 & WED Coventry 1 & 2: 14319785 and 14462941 ISRDG's

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

The Feasibility Study fo Coventry 4 is complete and under internal review before it can be released, I expect that you will recieve next week.

The Impact Studies are complete for 1 & 2 but payment has not been recieved for 2 yet. Please provide status of payment.

thanks,

John Kennedy

---

**From:** Distributed.Generation  
**Sent:** Tuesday, October 22, 2013 7:03 AM  
**To:** Kennedy, John C.  
**Cc:** Laura Anthony  
**Subject:** FW: WED Coventry 4 Interconnection Application / 15772951

forgot to add John. He will be able to answer your question and will be your point of contact going forward.

### *Rich Johnson*

Customer Solution Representative-Distributed Generation  
Customer Solutions  
National Grid  
Office: 781-907-3477  
Email: [Richard.Johnson2@us.ngrid.com](mailto:Richard.Johnson2@us.ngrid.com)

---

**From:** Laura Anthony [mailto:[la@wedenergy.com](mailto:la@wedenergy.com)]  
**Sent:** Monday, October 21, 2013 5:35 PM  
**To:** Distributed.Generation  
**Subject:** RE: WED Coventry 4 Interconnection Application / 15772951

Thank you.

*Laura Anthony*

## Mark(Wind) Depasquale

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Thursday, October 24, 2013 2:37 PM  
**To:** Mark(Wind) Depasquale  
**Cc:** George, Caleb; David Colombo  
**Subject:** RE: RI-14319785 WED #1 and RI-14462941

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Mark,

We are 99% complete on the impact study for both turbines 1&2. We need the flicker data information as requested in July to complete. Please provide as soon as able.

We also need the payment for #2 turbine, RI – 14462941.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

Please select the appropriate link below for the latest information on:

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

---

**From:** Kennedy, John C.  
**Sent:** Tuesday, July 23, 2013 10:15 AM  
**To:** Mark Wind  
**Cc:** George, Caleb  
**Subject:** FW: RI-14319785 WED

Mark,

Please have your engineer provide a flicker data sheet per our engineer's request below.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

Please select the appropriate link below for the latest information on:

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Tuesday, November 26, 2013 9:20 AM  
**To:** Mark(Wind) Depasquale; Laura Anthony  
**Cc:** George, Caleb  
**Subject:** RI-14319785 WED Coventry & RI-14462941 Coventry Town Hall  
**Attachments:** RE: RI-14319785 WED #1 and RI-14462941

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Good morning Mark,

This is a reminder that we are waiting on the below to complete the combined study for both projects referenced:

- Payment for Impact Study on RI-14462941
- Flicker data as requested on 7/23/13.

Please provide as soon as possible so that we may complete the study and provide to you.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221

**Please select the appropriate link below for the latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

\*\*\*\*\* This e-mail and any files transmitted with it are confidential to National Grid and are intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error, please reply to this message and let the sender know.

## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Thursday, October 24, 2013 2:37 PM  
**To:** Mark(Wind) Depasquale  
**Cc:** George, Caleb; David Colombo  
**Subject:** RE: RI-14319785 WED #1 and RI-14462941

Hi Mark,

We are 99% complete on the impact study for both turbines 1&2. We need the flicker data information as requested in July to complete. Please provide as soon as able.

We also need the payment for #2 turbine, RI – 14462941.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

Please select the appropriate link below for the latest information on:

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

---

**From:** Kennedy, John C.  
**Sent:** Tuesday, July 23, 2013 10:15 AM  
**To:** Mark Wind  
**Cc:** George, Caleb  
**Subject:** FW: RI-14319785 WED

Mark,

Please have your engineer provide a flicker data sheet per our engineer's request below.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

Please select the appropriate link below for the latest information on:

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

---

**Subject:** RI-14319785 WED

John,

Could you please ask the developer to provide a Flicker data sheet similar to the attached based upon the fault characteristics calculated at the POI for RI-14319785 listed below:

POI RI-14319785 Piggy Ln 12.47kV Single Phase to Ground Fault Type=A					
FAULT CURRENT (A @ DEG)					
+ SEQ	- SEQ	0 SEQ	A PHASE	B PHASE	C PH
251.3@ -94.2	251.3@ -94.2	251.3@ -94.2	754.0@ -94.2	0.0@ 0.0	0.0@
THEVENIN IMPEDANCE (OHM)					
2.97133+j6.05887	2.97135+j6.05878	6.96014+j14.3161			
SHORT CIRCUIT MVA=					
16.7					
POI RI-14319785 Piggy Ln 12.47kV 3 Phase Fault					
FAULT CURRENT (A @ DEG)					
+ SEQ	- SEQ	0 SEQ	A PHASE	B PHASE	C PH
1095.6@ -94.1	0.0@ 0.0	0.0@ 0.0	1095.6@ -94.1	1095.6@ 145.9	1095.
THEVENIN IMPEDANCE (OHM)					
2.97133+j6.05887	2.97135+j6.05878	6.96014+j14.3161			
SHORT CIRCUIT MVA=					
24.3					

Please contact me if you have any questions.

Thanks,

Nick

## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Wednesday, February 12, 2014 3:31 PM  
**To:** Laura Anthony  
**Cc:** Mark(Wind) Depasquale  
**Subject:** FW: RI-14319785 WED Coventry & RI-14462941 Coventry Town Hall  
**Attachments:** Impact Study Agreement: 14462941 WED Coventry Two, LLC; INVOICE-Impact Study.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Laura,

We did receive the data required and have recently completed the combined study for both projects referenced as requested.

We do need to complete the execution of the Impact Study Agreement however that was sent out on September 23, 2013. This includes signing agreement and submitting payment. Please reference agreement and invoice within attachments.

Please contact me with any questions you might have.

Best regards,

**John Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221

**Please select the appropriate link below for the latest DG information:**

National Grid's DG Website(RI)  
RIPUC No.2078 Standards for Connecting Distributed Generation  
RIPUC No.2075 Net Metering Provision  
ESB No.756 Requirements for Parallel Generation

---

**From:** Laura Anthony [mailto:la@wedenergy.com]  
**Sent:** Wednesday, February 12, 2014 9:52 AM  
**To:** Kennedy, John C.  
**Cc:** Mark(Wind) Depasquale  
**Subject:** RE: RI-14319785 WED Coventry & RI-14462941 Coventry Town Hall

Good morning John,

I have not seen any additional correspondence pertaining to this issue. I wanted to follow up to see if you had everything you needed and that this has been resolved.

*Laura Anthony*



3760 Quaker Lane  
North Kingstown, RI 02852  
Office: 401-295-4998 Ext. 104  
Fax: 401-295-4944  
[la@wedenergy.com](mailto:la@wedenergy.com)



Please consider the environment before printing this email.

---

**From:** Raquel Justa [<mailto:rjusta@goldwindamerica.com>]  
**Sent:** Monday, January 13, 2014 5:16 PM  
**To:** [John.Kennedy@nationalgrid.com](mailto:John.Kennedy@nationalgrid.com); [nreis@Controlpointtech.com](mailto:nreis@Controlpointtech.com); [caleb.george@nationalgrid.com](mailto:caleb.george@nationalgrid.com)  
**Cc:** Thomas Nemila; Scott Rowland; Mark(Wind) Depasquale; Tim O'Malley  
**Subject:** RE: RI-14319785 WED Coventry & RI-14462941 Coventry Town Hall

Dear John,

I write regarding the Flicker data from Goldwind turbines for the projects in Rhode Island. I understand that the attached is the template to provide the info.

Is it possible for you to setup a call later this week to clarify a couple points?

I look forward to hearing from you.

Kind regards,

**Raquel Justa**

Engineering & Technical Sales Support  
Goldwind Americas  
200 W. Madison, Ste. 2800 | Chicago, IL 60606  
T: +1.312.948.8037 | M: +1.312.288.1605  
[rjusta@goldwindamerica.com](mailto:rjusta@goldwindamerica.com) | [goldwindamerica.com](http://goldwindamerica.com)



This transmission contains confidential and/or legally privileged information from Goldwind USA, Inc. intended only for the use of the individual(s) to which it is addressed. If you are not the intended recipient, you are hereby notified that any disclosure, copying or distribution of this information or the taking of any action in reliance on the contents of this transmission is strictly prohibited. If you have received this transmission in error, please notify us immediately.

This e-mail, and any attachments are strictly confidential and intended for the addressee(s) only. The content may also contain legal, professional or other privileged information. If you are not the intended recipient, please notify the sender immediately and then delete the e-mail and any attachments. You should not disclose, copy or take any action in reliance on this transmission.

You may report the matter by contacting us via our [UK Contacts Page](#) or our [US Contacts Page](#) (accessed by clicking on the appropriate link)

Please ensure you have adequate virus protection before you open or detach any documents from this

## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Monday, September 23, 2013 11:08 AM  
**To:** Mark(Wind) Depasquale  
**Cc:** Laura Anthony  
**Subject:** Impact Study Agreement: 14462941 WED Coventry Two, LLC  
**Attachments:** RI-14462941-WED\_CoventryTwoLLC-ExhE\_ImpactStudyAgree\_092313.pdf

I corrected Subject line information.

Also, once this facility is operational we will process net metered credits per allocations listed on the Schedule B form. This is also follow-up information per a conversation that Mark and I had.

Thanks,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

Please select the appropriate link below for the latest information on:

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

---

**From:** Kennedy, John C.  
**Sent:** Monday, September 23, 2013 10:57 AM  
**To:** 'Mark Wind'  
**Cc:** 'Laura Anthony'  
**Subject:** Impact Study for Renewable DG(ISRDG) Agreement: 15490964 SunEdison Origination1 LLC, 545 Angell Rd.

Good afternoon Mark,

We are moving forward with the studies for both this project and WED Coventry, LLC. As discussed previously, I am providing the standard form letter below to complete the required agreement per the tariff. I will also follow with a phone call to answer any questions that you may have on the agreement and/or costs associated.

---

Please find the ISRDG Agreement attached for your review and signature.

The ISRDG will review protection requirements, relay settings, feeder loading and coordination. The ISRDG will result in an ISRDG Report, which will include a +/-25% cost estimate for necessary modifications to the National Grid Electric Power System (EPS). Please visit our website by following the appropriate link below for additional information about the interconnection process.

If you wish to proceed with the study, please sign and email back the ISRDG Agreement.

Upon receipt of the signed agreement, National Grid will create and issue an invoice for the ISRDG Fee in the amount of \$30,000.00 (as noted in the agreement). It is imperative that you do NOT submit any payments prior to

an invoice being issued, and that you do NOT mail any payments to anywhere other than the PO Box listed on the invoice. In order to ensure that the invoice is correctly addressed, please confirm that you have submitted an up-to-date legal information document (and provided instructions regarding how invoices should be issued).

Please note that the ISRDG cannot commence until the following requirements have been satisfied:

1.  The Impact Study Agreement has been signed and submitted (with confirmation of invoice instructions).
2.  The Impact Study Fee has been paid in full.
3.  Any outstanding issues identified in the Feasibility Study(see attached) have been resolved.

Please feel free to contact me as questions arise. All communications to National Grid should be sent to me and include the application number in the email subject.

Regards,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

**Please select the appropriate link below for the latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)



**INVOICE**  
 National Grid  
 Non-Utility Billing  
 300 Erie Blvd. West  
 Syracuse NY 13202  
 (315) 428-3110

WED COVENTRY TWO, LLC  
 1130 Ten Rod Road, Ste. E-102  
 North Kingston RI 02852-4161

Page: 1  
 Invoice No: 800041821  
 Invoice Date: 09/23/2013  
 Customer Number: 400005024  
 Payment Terms: Net 30  
 Due Date: 10/23/2013  
 Sales Order #: 5360 / 600023174  
 Reference #: 14462941

Line	Description	Quantity UOM	Unit Amt	Net Amount
Invoice for Impact Study on dg wr 14462941				
If you have any questions about this invoice, please contact RICHARD JOHNSON at (781) 907-3477				
10	Impact Study	1.000 EA	30,000.00	\$30,000.00
Sub Total :				30,000.00
Total Taxes :				0.00
<b>TOTAL AMOUNT DUE:</b>				<b>\$30,000.00</b>

Prices are subject to change after 90 days

PLEASE DETACH AND RETURN THIS STUB IN THE ENVELOPE PROVIDED

Make checks payable to National Grid

Mail Payment to:

Invoice No: 800041821  
 Invoice Date: 09/23/2013  
 Customer Number: 400005024  
 Due Date: 10/23/2013

National Grid  
 PO Box-29793  
 New York, NY 10087-9793

AMOUNT DUE: \$30,000.00

Enclosed: \_\_\_\_\_

## Laura Anthony

---

**From:** Kennedy, John C. <John.Kennedy@nationalgrid.com>  
**Sent:** Tuesday, February 25, 2014 5:56 PM  
**To:** Mark(Wind) Depasquale; Mark(Wind) Depasquale  
**Cc:** Laura Anthony  
**Subject:** Impact Study for Renewable Distributed Generation(ISRDG) Agreement(v2): 14462941 WED Coventry Two, LLC  
**Attachments:** RI-14462941-WED\_CoventryTwoLLC-ExhE\_ImpactStudyAgree\_v2\_022514.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Mark,  
Per our conversation this past Friday, we have honored your request to now provide an ISRDG and follow the Renewable DG fee schedule. I have attached a revised agreement reflecting the set \$10,000.00 ISRDG fee. Please sign and return to me. An invoice will be emailed to you over the next few days. Please follow the payment and mailing instructions provided within the invoice.

Please let me know if you have any questions.

Best regards,

**John Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221

**Please select the appropriate link below for the latest DG information:**

National Grid's DG Website(RI)  
RIPUC No.2078 Standards for Connecting Distributed Generation  
RIPUC No.2075 Net Metering Provision  
ESB No.756 Requirements for Parallel Generation

---

**From:** Kennedy, John C.  
**Sent:** Monday, September 23, 2013 10:57 AM  
**To:** 'Mark Wind'  
**Cc:** 'Laura Anthony'  
**Subject:** Impact Study for Renewable DG(ISRDG) Agreement: 15490964 SunEdison Origination1 LLC, 545 Angell Rd.

Good afternoon Mark,

We are moving forward with the studies for both this project and WED Coventry, LLC. As discussed previously, I am providing the standard form letter below to complete the required agreement per the tariff. I will also follow with a phone call to answer any questions that you may have on the agreement and/or costs associated.

-----  
-----

Please find the ISRDG Agreement attached for your review and signature.

The ISRDG will review protection requirements, relay settings, feeder loading and coordination. The ISRDG will result in an ISRDG Report, which will include a +/-25% cost estimate for necessary modifications to the National Grid Electric Power System (EPS). Please visit our website by following the appropriate link below for additional information about the interconnection process.

If you wish to proceed with the study, please sign and email back the ISRDG Agreement.

Upon receipt of the signed agreement, National Grid will create and issue an invoice for the ISRDG Fee in the amount of **\$30,000.00** (as noted in the agreement). It is imperative that you do NOT submit any payments prior to an invoice being issued, and that you do NOT mail any payments to anywhere other than the PO Box listed on the invoice. In order to ensure that the invoice is correctly addressed, please confirm that you have submitted an up-to-date legal information document (and provided instructions regarding how invoices should be issued).

Please note that the ISRDG cannot commence until the following requirements have been satisfied:

1.  The Impact Study Agreement has been signed and submitted (with confirmation of invoice instructions).
2.  The Impact Study Fee has been paid in full.
3.  Any outstanding issues identified in the Feasibility Study(see attached) have been resolved.

Please feel free to contact me as questions arise. All communications to National Grid should be sent to me and include the application number in the email subject.

Regards,

**John C. Kennedy**

nationalgrid  
Lead Technical Support Consultant - RI  
Technical Sales and Engineering Support  
Office: 401-784-7221  
Cell: 401-255-5191

**Please select the appropriate link below for the latest information on:**

Interconnection Standards - [MA](#), [RI](#), [NH](#)

Net Metering - [MA](#), [RI](#), [NH](#)

[Wholesale Energy Procurements](#)

This e-mail, and any attachments are strictly confidential and intended for the addressee(s) only. The content may also contain legal, professional or other privileged information. If you are not the intended recipient, please notify the sender immediately and then delete the e-mail and any attachments. You should not disclose, copy or take any action in reliance on this transmission.

You may report the matter by contacting us via our [UK Contacts Page](#) or our [US Contacts Page](#) (accessed by clicking on the appropriate link)

Please ensure you have adequate virus protection before you open or detach any documents from this transmission. National Grid plc and its affiliates do not accept any liability for viruses. An e-mail reply to this address may be subject to monitoring for operational reasons or lawful business practices.

For the registered information on the UK operating companies within the National Grid group please use the attached link: <http://www.nationalgrid.com/corporate/legal/registeredoffices.htm>

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

**Exhibit E – Impact Study or ISRDG Agreement**

This Agreement, dated \_\_\_\_\_, is entered into by and between **WED Coventry Two, LLC** (“Interconnecting Customer”) and the Company, for the purpose of setting forth the terms, conditions and costs for conducting an Impact Study relative to the Standard Process as defined in Section 1.0 and outlined in Section 3.0 of the Interconnection Tariff. This Impact Study pertains to Application Number **RI-14462941** (the Interconnecting Customer’s application ID number).

1. The Interconnecting Customer agrees to provide, in a timely and complete manner, all additional information and technical data necessary for the Company to conduct the Impact Study not already provided in the Interconnecting Customer’s application.
2. All work pertaining to the Impact Study that is the subject of this Agreement will be approved and coordinated only through designated and authorized representatives of the Company and the Interconnecting Customer. Each party shall inform the other in writing of its designated and authorized representative, if different than what is in the application.
3. Where there are other potentially Affected Systems, and no single Party is in a position to prepare an Impact Study covering all potentially Affected Systems, the Company will coordinate but not be responsible for the timing of any additional studies required to determine the impact of the interconnection request on other potentially Affected Systems. The Interconnecting Customer will be directly responsible to the potentially Affected System operators for all costs of any additional studies required to evaluate the impact of the interconnection on the potentially Affected Systems. The Company will not proceed with this Impact Study without the Interconnecting Customer’s consent to have the other studies conducted.
4. If the Company determines, in accordance with Good Utility Practice, that the System Modifications to the Company EPS are not substantial, the Impact Study will determine the scope and cost of the modifications. If the Company determines, in accordance with Good Utility Practice, that the System Modifications to the Company EPS are substantial, the Impact Study will produce an estimate for the modification costs (within  $\pm 25\%$ ) and a Detailed Study Agreement and its estimated cost.
5. Impact Study, together with any additional studies contemplated in Paragraph 3, shall form the basis for the Interconnecting Customer’s proposed use of the Company EPS and shall be furthermore utilized in obtaining necessary third-party approvals of any required facilities and requested distribution services. The Interconnecting Customer understands and acknowledges that any use of study results by the Interconnecting Customer or its agents, whether in preliminary or final form, prior to NEPOOL 18.4 approval, should such approval be required, is completely at the Interconnecting Customer’s risk.
6. The Impact Study fee of **\$10,000.00** (except as noted below) is due in full prior to the execution of the Impact Study. For a Renewable Interconnecting Customer the ISRDG Study fee is as per Table 2 in Section 3.5 of the interconnection tariff.
7. Final Accounting. Upon request by the Interconnecting Customer, the Company within ninety (90) business days after completion of the construction and installation of the System Modifications described in an attached exhibit to the Interconnection Service Agreement, shall provide Interconnecting Customer with a final accounting report of any difference between (a) Interconnecting Customer’s cost responsibility under the Interconnection Service Agreement for the actual cost of such System Modifications, and (b) Interconnecting Customer’s previous aggregate payments to the Company for such System Modifications. To the extent that Interconnecting Customer’s cost responsibility in the Interconnection Service Agreement exceeds Interconnecting Customer’s previous aggregate payments, the Company shall invoice Interconnecting Customer and Interconnecting Customer shall make payment to the Company within forty-five (45) days. To the extent that

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

Interconnecting Customer's previous aggregate payments exceed Interconnecting Customer's cost responsibility under this agreement, the Company shall refund to Interconnecting Customer an amount equal to the difference within forty-five (45) days of the provision of such final accounting report.

8. In the event this Agreement is terminated for any reason, the Company shall refund to the Interconnecting Customer the portion of the above fee or any subsequent payment to the Company by the Interconnecting Customer that the Company did not expend or commit in performing its obligations under this Agreement. Payments for work performed shall not be subject to refunding except in accordance with Paragraph 11 below.
9. Nothing in this Agreement shall be interpreted to give the Interconnecting Customer immediate rights to wheel over or interconnect with the Company's EPS.
10. 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.

Notwithstanding the foregoing, the Interconnecting Customer hereby waives recourse against the Company and its Affiliates for, and releases the Company and its Affiliates from, any and all liabilities arising from or attributable to incomplete, inaccurate, or otherwise faulty information supplied by the Interconnecting Customer. Moreover, with respect to an ISR DG provided to a Renewable Interconnecting Customer, the Company may not be held liable or responsible if the actual costs exceed the estimate as long as the estimate was provided in good faith and the interconnection was implemented prudently the Company.

11. If either party materially breaches any of its covenants hereunder, the other party may terminate this Agreement by serving notice of same on the other party to this Agreement.
12. This agreement shall be construed and governed in accordance with the laws of the State of Rhode Island and the Providence Plantations.
13. All amendments to this Agreement shall be in written form executed by both Parties.
14. The terms and conditions of this Agreement shall be binding on the successors and assigns of either Party.
15. This Agreement will remain in effect for a period of up to two years from its effective date.
16. This Agreement may be terminated under the following conditions.
  - a) The Parties agree in writing to terminate the Agreement.
  - b) The Interconnecting Customer may terminate this agreement at any time by providing written notice to Company.
  - c) The Company may terminate this Agreement if the Interconnecting Customer either: (1) has not paid the fee or, (2) has not responded to requests for further information in accordance with provisions in the Interconnection Tariff.

The Narragansett Electric Company  
Standards for Connecting Distributed Generation

Interconnecting Customer:

Narragansett Electric Company d/b/a National Grid:

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_