



Conservation Services Group

DE 10-101

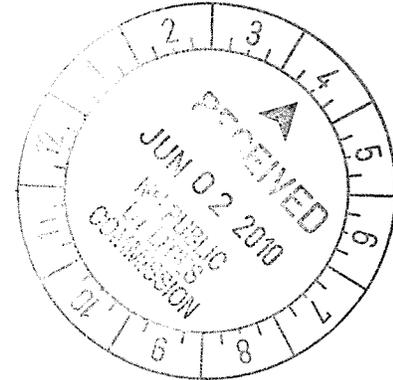
40 Washington Street  
Westborough, MA 01581

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June 2, 2010



Debra A. Howland  
Executive Director & Secretary  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

**RE: Facility Application to qualify for Class II New Hampshire RPS certificate acquisition**

Dear Ms. Howland,

I am writing on behalf of our client Kirwan Enterprises LLC., to apply for New Hampshire renewable portfolio certificate acquisition. Please find attached a completed application including all necessary documentation as required under order PUC 2500 to establish the Kirwan Enterprises solar unit as an eligible Class II facility under RSA 362-F.

Please submit any questions, concerns or further documentation requests directly to Mrs. Stephanie Lovejoy Hamilton at the contact information listed below. Thank you for your time and attention to this matter.

Conservation Services Group  
Legal Affairs and Compliance  
Clean Energy Markets  
40 Washington Street  
Westborough, MA 01581  
Tel: 508-836-9500 ext 13285  
Cell: 508-439-0417  
Fax: 508-836-3181  
[stephanie.hamilton@csgrp.com](mailto:stephanie.hamilton@csgrp.com)

Sincerely,

Conservation Services Group

## Attestation

May 22, 2010  
Debra A. Howland  
Executive Director & Secretary  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

I, Scott Kirwan, MANAGER, of Kirwan Enterprises LLC., do hereby certify and affirm that the solar sites named Princeton Properties, based on my personal knowledge, were all installed and are operating in conformance with applicable building codes. In addition all the information contained within the New Hampshire facility application for certificate acquisition submitted for the Kirwan Enterprises are true and correct to the best of my knowledge.

Signature:



Date:

5/24/10

**Certification of Authorized Representative**

May 22, 2010  
Debra A. Howland  
Executive Director & Secretary  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

I, Scott Kirwan, MANAGER, of Kirwan Enterprises LLC., certify that Patricia Stanton, Senior Vice President of Policy and Advocacy Conservation Services Group, is authorized to execute and submit the New Hampshire Electric Renewable Portfolio Standard Application for the Kirwan Enterprises solar unit, pursuant to Chapter PUC 2500.

Signature:



Date:

5/24/10

# THE STATE of NEW HAMPSHIRE

## Public Utilities Commission

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*Facility Application to qualify for certificate acquisition under PUC  
2500 of the New Hampshire Electric Renewable Portfolio Standard*

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### **SECTION I: IDENTIFICATION INFORMATION**

**(1). Applicant:**

Conservation Services Group  
40 Washington Street, Westborough MA 01581  
Patricia Stanton,  
Senior Vice President of Policy and Advocacy  
40 Washington Street  
Westborough MA, 01581  
Phone: 508-836-9500  
Fax: 508-836-3181  
Email: [pat.stanton@csggrp.com](mailto:pat.stanton@csggrp.com)

**(A) Prohibit Relationships:**

There is no prohibited relation ship between Conservation Services Group (Applicant), Kirwan Enterprises LLC (Facility Owner) and Powerdash (Independent Monitor).

**(2). Facility Owner:**

Kirwan Enterprises LLC  
Scott Kirwan  
180 Enterprise Drive  
Marshfield, MA 02050  
Phone: 781-834-9500  
Email: [skirwan@ksp.com](mailto:skirwan@ksp.com)

**(3). Independent Monitor**

**(A) PowerDash LLC. (PowerDash)**

152 North 3rd Street, Suite 400  
San Jose, CA 95112-5560

**(B) Qualification**

PowerDash is qualified and offering Independent Monitor services to units that qualify for Massachusetts Renewable Portfolio Standard (RPS).

**(C) Independence**

There are no circumstances in which PowerDash would not be considered sufficiently independent to perform the required Independent Monitoring tasks as required under NH Puc 2505.09

**(E) Compensation:**

PowerDash compensation for monitoring services will be on a fixed fee or billable hour basis and will never be based, in any way, on the quantity of attributes reported to the, New Hampshire Public Utility Commission or the NEPOOL Generation Information Service (GIS).

**(D) Reporting:**

At least annually, PowerDash will measure Kirwan Enterprises electricity production and report that production to the Owner, Applicant and the New Hampshire Public Utility Commission, as well as providing all inspections as required by NH Puc 2507.04 (h).

**(4) Installer:**

GroSolar  
Dan Porrazzo  
Regional Commercial Sales Rep  
65 Ryan Dr. Unit F  
Raynham, MA 02767  
Telephone: (413) 734-1456 ext. 306  
Fax: 508-256-0091  
Email: dan.porrazzo@grosolar.com

**(5) Seller**

Same as Installer

**SECTION II: FACILITY DESCRIPTION**

**(1) Facility Name:**

Kirwan Enterprises

**(2) Facility Information:**

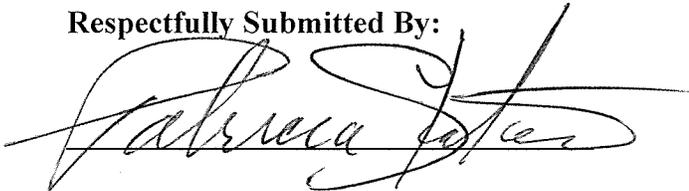
Kirwan Enterprises is a photovoltaic installation, detailed directly below:

Name	Project Site Address	Name Plate	Commercial Operation Date	Meter	Inverter	Solar Panels
Kirwan Enterprises	180 Enterprise Drive, Marshfield MA 02050	151.05	9/14/09	Landis & Gyr	Sat-Con PV135	Evergreen ES-190

**ATTACHED DOCUMENTATION**

- 1) Attestation signed and executed by the owner attesting that the was properly installed
- 2) Certificate of Authorization
- 3) Interconnection Agreement for each site.

**Respectfully Submitted By:**



**Patricia Stanton  
Conservation Services Group**



One NSTAR Way,  
SUM SW-360  
Westwood, MA 02090-9230

July 7, 2009

Kirwan Surgical Products  
180 Enterprise Drive  
Marshfield, MA 02050  
Attn: Scott Kirwan

RE: ID# 1293 – 135 kW Solar Photovoltaic System

Dear Mr. Kirwan,

Thank you for returning all signed copies of the Interconnection Service Agreement and the Power Purchase Agreement P-2 for your property at 180 Enterprise Drive, Marshfield. Enclosed are your copies of the signed fully executable documents for your records.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink that reads "Joseph V. Feraci, Jr." in a cursive script.

Joseph V. Feraci, Jr.  
Interconnection Program Manager  
joseph.feraci@nstar.com  
Tel: 781-441-8196  
Fax: 781-441-8721

Attachments



## QF POWER PURCHASE AGREEMENT

Agreement entered into this **29th** day of **June 2009** by and between **NSTAR Electric Company**, a Massachusetts corporation with offices located at **One NSTAR Way, Westwood, MA 02090** (the Company) and **Kirwan Surgical Products, Inc.**, (the Customer) at **180 Enterprise Drive, Marshfield, MA 02050, (Account Number: 1620-150-0010)**. The Customer hereby notifies the Company of the intention to install facilities on his property for the purposes of generating electric energy. The Customer further desires to sell electric energy generated by such facilities to the Company.

THEREFORE, the parties hereto, each in consideration of the agreements of the other, agree as follows:

1. The Company will purchase power from, and furnish electric service to, the Customer, subject to the provisions of this Agreement. This Agreement is made pursuant to, and shall be subject to, the provisions of the Company's Power Purchase Rate P-2 and the Company's printed requirements, Terms and Conditions – Distribution Service and Standards for Interconnection with Qualifying Facility and On-Site Generating Facility (the "Standards"), each as may be in effect from time to time and not inconsistent with the specific provisions of this Agreement.
2. The Company agrees to permit the Customer to operate the above-referenced facilities in parallel with the Company's electric system at the above location.
3. The Customer agrees to purchase such electric service as may be furnished by the Company at this location and to receive and pay for such service in accordance with the Company's Rate 4084, or such substitute therefore as may hereafter be filed with the Massachusetts Department of Public Utilities and in effect from time to time.
4. The Customer will complete and submit to the Company three signed copies of this Agreement, together with the information specified in the Company's above-referenced Standards, which together shall constitute the application. The Company will review such application and may accept, modify, or reject the application. Parallel operation will not be permitted until written consent therefore is given by the Company, as indicated by the signing and returning of one copy of this Agreement to the Customer.
5. The Customer may receive compensation for capacity made available to the Company under the terms of the Company's Power Purchase Rate P-2. Payment for such power shall be in accordance with option B as selected by the Customer under the Capacity Purchase Price Clause of said Company's Power Purchase Rate P-2.
6. The Customer may receive compensation for energy made available to the Company under the terms of the Company's Power Purchase Rate P-2. Payment for such power shall be in

accordance with option   **B**   as selected by the Customer under the Energy Purchase Price Clause of said Company's Power Purchase Rate P-2.

7. The payments for energy and capacity in accordance with Articles 5 and 6 above will be combined and any such combined payment greater than ten dollars (\$10.00) per month shall be made to the Customer monthly. Any such combined payment equal to or less than ten dollars (\$10.00) per month will be accumulated by the Company for the account of the Customer and shall be payable the earlier of: 1) when the cumulative amount payable to the Customer exceeds ten dollars (\$10.00) or 2) December 31<sup>st</sup> of the calendar year.
8. The Customer shall comply with any and all applicable New England Power Pool (NEPOOL) and ISO New England, Inc. (ISO) information requests, rules, and requirements that are necessary for a Customer's generation output to be sold to the ISO power exchange by the Company. The Customer shall provide such information to the Company in a timely manner. In the event that a fine, penalty, or a sanction is levied on the Company by NEPOOL or ISO as a result of the Customer's failure to comply with a NEPOOL or ISO information request, rule, or requirement, then the Customer shall be responsible for the costs of such fines, penalties, or sanctions imposed by NEPOOL or the ISO on the Company.
9. This Agreement expresses the entire Agreement of the parties, shall be governed by the laws of the Commonwealth of Massachusetts, and shall be binding upon and shall inure to the benefit of the parties hereto and their heirs, executors, successors and assigns.
10. This Agreement shall have a term of one month from the date first written above and shall continue thereafter until terminated on thirty (30) days notice by the Company or the Customer.
11. Any notice required or allowed to be given by this Agreement or the above-referenced documents pursuant to which this Agreement is made shall be deemed to have been properly given if in writing, signed by the party giving such notice and mailed, first-class postage prepaid, or delivered in hand to the other at the address set forth above.

IN WITNESS WHEREOF, the Company and the Customer have caused this Agreement to be executed as of date first above-written.

CUSTOMER	NSTAR ELECTRIC COMPANY
By: <u></u>	By: <u></u>
Title: <u>VP of Finance</u>	Title: <u>Manager, Technical Center</u>
Date: <u>7/2/09</u>	Date: <u>June 29, 2009</u>



## Interconnection Service Agreement

1. Parties. This Interconnection Service Agreement (“Agreement”), dated as of (“Effective Date”) **June 29, 2009** is entered into, by and between **NSTAR Electric Company**, a Massachusetts corporation with a principal place of business at **One NSTAR Way, Westwood, MA** (hereinafter referred to as the “Company”), and **Kirwan Surgical Products, Inc**, a Massachusetts corporation with a principal place of business at **180 Enterprise Drive, Marshfield, MA 02050** (“Interconnecting Customer”). (The Company and Interconnecting Customer are collectively referred to as the “Parties”). Terms used herein without definition shall have the meanings set forth in the Tariff Section 1.2 which is attached to this Agreement as Attachment 1.
2. Basic Understandings. This Agreement provides for parallel operation of an Interconnecting Customer’s Facility with the Company EPS to be installed and operated by the Interconnecting Customer at **180 Enterprise Drive, Marshfield, MA 02050, Account # 1620-150-0010**. A description of the Facility is located in Attachment 2. If the Interconnecting Customer is not the Customer, a Third Party Owner Agreement must be signed and included as an Attachment 6 to this document.

The Interconnecting Customer has the right to operate its Facility in parallel with the Company EPS immediately upon successful completion of the protective relays testing as witnessed by the Company and receipt of written notice from the Company that interconnection with the Company EPS is authorized (“Authorization Date”).

3. Term This Agreement shall become effective as of the Effective Date. The Agreement shall continue in full force and effect until terminated pursuant to Section 4 of this Agreement.

#### **4. Termination.**

- 4.1 This Agreement may be terminated under the following conditions.
  - 4.1.1 The Parties agree in writing to terminate the Agreement.
  - 4.1.2 The Interconnecting Customer may terminate this agreement at any time by providing sixty (60) days written notice to Company.
  - 4.1.3 The Company may terminate this Agreement upon the occurrence of an Event of Default by the Interconnecting Customer as provided in Section 18 of this Agreement.
  - 4.1.4 The Company may terminate this Agreement if the Interconnecting Customer either: (1) fails to energize the Facility within 12 months of the Authorization Date; or, (2) permanently abandons the Facility. Failure to operate the Facility for any consecutive 12 month period after the Authorization Date shall constitute permanent abandonment unless otherwise agreed to in writing between the Parties.



- 4.1.5 The Company, upon 30 days notice, may terminate this Agreement if there are any changes in Department regulations or state law that have a material adverse effect on the Company's ability to perform its obligations under the terms of this Agreement.
- 4.2 **Survival of Obligations**  
The termination of this Agreement shall not relieve either Party of its liabilities and obligations, owed or continuing at the time of termination. Sections 5, 10, 12, 13, and 25 as it relates to disputes pending or for wrongful termination of this Agreement shall survive the termination of this Agreement.
- 4.3 **Related Agreements**  
Any agreement attached to and incorporated into this Agreement shall terminate concurrently with this Agreement unless the Parties have agreed otherwise in writing.
5. **General Payment Terms**  
The Interconnecting Customer shall be responsible for the System Modification costs and payment terms identified in Attachment 4 of this Agreement and any approved cost increases pursuant to the terms of the Interconnection Tariff.
- 5.1 **Cost or Fee Adjustment Procedures**  
The Company will, in writing, advise the Interconnecting Customer in advance of any cost increase for work to be performed up to a total amount of increase of 10% only. All costs that exceed the 10% increase cap will be borne solely by the Company. Any such changes to the Company's costs for the work shall be subject to the Interconnecting Customer's consent. The Interconnecting Customer shall, within thirty (30) days of the Company's notice of increase, authorize such increase and make payment in the amount up to the 10% increase cap, or the Company will suspend the work and the corresponding agreement will terminate.
- 5.2 **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 45 days. To the extent that 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.



## 6. Operating Requirements

### 6.1 General Operating Requirements

Interconnecting Customer shall operate and maintain the Facility in accordance with the applicable manufacturer's recommended maintenance schedule, in compliance with all aspects of the Company's Interconnection Tariff. The Interconnecting Customer will continue to comply with all applicable laws and requirements after interconnection has occurred. In the event the Company has reason to believe that the Interconnecting Customer's installation may be the source of problems on the Company EPS, the Company has the right to install monitoring equipment at a mutually agreed upon location to determine the source of the problems. If the Facility is determined to be the source of the problems, the Company may require disconnection as outlined in Section 7.0 of this Tariff. The cost of this testing will be borne by the Company unless the Company demonstrates that the problem or problems are caused by the Facility or if the test was performed at the request of the Interconnecting Customer.

### 6.2 No Adverse Effects; Non-interference

Company shall notify Interconnecting Customer if there is evidence that the operation of the Facility could cause disruption or deterioration of service to other Customers served from the same Company EPS or if operation of the Facility could cause damage to Company EPS or Affected Systems. The deterioration of service could be, but is not limited to, harmonic injection in excess of IEEE STD519, as well as voltage fluctuations caused by large step changes in loading at the Facility. Each Party will notify the other of any emergency or hazardous condition or occurrence with its equipment or facilities which could affect safe operation of the other Party's equipment or facilities. Each Party shall use reasonable efforts to provide the other Party with advance notice of such conditions.

The Company will operate the EPS in such a manner so as to not unreasonably interfere with the operation of the Facility. The Interconnecting Customer will protect itself from normal disturbances propagating through the Company EPS, and such normal disturbances shall not constitute unreasonable interference unless the Company has deviated from Good Utility Practice. Examples of such disturbances could be, but are not limited to, single-phasing events, voltage sags from remote faults on the Company EPS, and outages on the Company EPS. If the Interconnecting Customer demonstrates that the Company EPS is adversely affecting the operation of the Facility and if the adverse effect is a result of a Company deviation from Good Utility Practice, the Company shall take appropriate action to eliminate the adverse effect.

### 6.3 Safe Operations and Maintenance

Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for, the facility or facilities that it now or hereafter may own unless otherwise specified in this Agreement. Each Party shall be responsible for the maintenance, repair and condition of its respective lines and appurtenances on their respective side of the PCC. The Company and the Interconnecting Customer shall each provide equipment on its respective side of the PCC that adequately protects the Company's EPS, personnel, and other persons from damage and injury.



## 6.4 Access

The Company shall have access to the disconnect switch of the Facility at all times.

### 6.4.1. Company and Interconnecting Customer Representatives

Each Party shall provide and update as necessary the telephone number that can be used at all times to allow either Party to report an emergency.

### 6.4.2. Company Right to Access Company-Owned Facilities and Equipment

If necessary for the purposes of this Tariff and in the manner it describes, the Interconnecting Customer shall allow the Company access to the Company's equipment and the Company's facilities located on the Interconnecting Customer's or Customer's premises. To the extent that the Interconnecting Customer does not own all or any part of the property on which the Company is required to locate its equipment or facilities to serve the Interconnecting Customer under this Tariff, the Interconnecting Customer shall secure and provide in favor of the Company the necessary rights to obtain access to such equipment or facilities, including easements if the circumstances so require.

### 6.4.3. Right to Review Information

The Company shall have the right to review and obtain copies of Interconnecting Customer's operations and maintenance records, logs, or other information such as, unit availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to Interconnecting Customer's Facility or its interconnection with the Company EPS. This information will be treated as customer-confidential and only used for the purposes of meeting the requirements of Section 4.2.4 in the Interconnection Tariff..

## 7. **Disconnection**

### 7.1 Temporary Disconnection

#### 7.1.1 Emergency Conditions.

Company shall have the right to immediately and temporarily disconnect the Facility without prior notification in cases where, in the reasonable judgment of Company, continuance of such service to Interconnecting Customer is imminently likely to (i) endanger persons or damage property or (ii) cause a material adverse effect on the integrity or security of, or damage to, Company EPS or to the electric systems of others to which the Company EPS is directly connected. Company shall notify Interconnecting Customer promptly of the emergency condition. Interconnecting Customer shall notify Company promptly when it becomes aware of an emergency condition that affects the Facility that may reasonably be expected to affect the Company EPS. To the extent information is known, the notification shall describe the emergency condition, the extent of the damage or deficiency, or the expected effect on the operation of both Parties' facilities and operations, its anticipated duration and the necessary corrective action.



7.1.2 Routine Maintenance, Construction and Repair

Company shall have the right to disconnect the Facility from the Company EPS when necessary for routine maintenance, construction and repairs on the Company EPS. The Company shall provide the Interconnecting Customer with a minimum of seven calendar days planned outage notification consistent with the Company's planned outage notification protocols. If the Interconnecting Customer requests disconnection by the Company at the PCC, the Interconnecting Customer will provide a minimum of seven days notice to the Company. Any additional notification requirements will be specified by mutual agreement in the Interconnection Service Agreement. Company shall make an effort to schedule such curtailment or temporary disconnection with Interconnecting Customer.

7.1.3 Forced Outages

During any forced outage, Company shall have the right to suspend interconnection service to effect immediate repairs on the Company EPS; provided, however, Company shall use reasonable efforts to provide the Interconnecting Customer with prior notice. Where circumstances do not permit such prior notice to Interconnecting Customer, Company may interrupt Interconnection Service and disconnect the Facility from the Company EPS without such notice.

7.1.4 Non-Emergency Adverse Operating Effects

The Company may disconnect the Facility if the Facility is having an adverse operating effect on the Company EPS or other customers that is not an emergency, and the Interconnecting Customer fails to correct such adverse operating effect after written notice has been provided and a maximum of 45 days to correct such adverse operating effect has elapsed.

7.1.5 Modification of the Facility

Company shall notify Interconnecting Customer if there is evidence of a material modification to the Facility and shall have the right to immediately suspend interconnection service in cases where such material modification has been implemented without prior written authorization from the Company.

7.1.6 Re-connection

Any curtailment, reduction or disconnection shall continue only for so long as reasonably necessary. The Interconnecting Customer and the Company shall cooperate with each other to restore the Facility and the Company EPS, respectively, to their normal operating state as soon as reasonably practicable following the cessation or remedy of the event that led to the temporary disconnection.



#### 7.2 Permanent Disconnection

The Interconnecting Customer has the right to permanently disconnect at any time with 30 days written notice to the Company.

7.2.1 The Company may permanently disconnect the Facility upon termination of the Interconnection Service Agreement in accordance with the terms thereof.

### 8. Metering.

Metering of the output from the Facility shall be conducted pursuant to the terms of the Interconnection Tariff.

### 9. Assignment.

Except as provided herein, Interconnecting Customer shall not voluntarily assign its rights or obligations, in whole or in part, under this Agreement without Company's written consent. Any assignment Interconnecting Customer purports to make without Company's written consent shall not be valid. Company shall not unreasonably withhold or delay its consent to Interconnecting Customer's assignment of this Agreement. Notwithstanding the above, Company's consent will not be required for any assignment made by Interconnecting Customer to an Affiliate or as collateral security in connection with a financing transaction. In all events, the Interconnecting Customer will not be relieved of its obligations under this Agreement unless, and until the assignee assumes in writing all obligations of this Agreement and notifies the Company of such assumption.

### 10. Confidentiality.

Company shall maintain confidentiality of all Interconnecting Customer confidential and proprietary information except as otherwise required by applicable laws and regulations, the Interconnection Tariff, or as approved by the Interconnecting Customer in the Simplified or Expedited/Standard Application form or otherwise.

### 11. Insurance Requirements

#### 11.1 General Liability:

In connection with Interconnecting Customer's performance of its duties and obligations under the Interconnection Service Agreement, Interconnecting Customer shall maintain, during the term of the Agreement, general liability insurance with a combined single limit of not less than:

11.1.1 Five million dollars for each occurrence and in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than (5) MW.

11.1.2 Two million dollars for each occurrence and five million dollars (\$5,000,000) in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than one (1) MW and less than or equal to (5) MW;



11.1.3 One million dollars (\$1,000,000) for each occurrence and in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than one hundred (100) KW and less than or equal to 1 MW;

11.1.4 Five hundred thousand dollars (\$500,000) for each occurrence and in the aggregate if the Gross Nameplate Rating of Interconnecting Customer's Facility is greater than ten (10) KW and less than or equal to one hundred (100) kW.

No insurance is required for Facilities less than or equal to ten (10) kW. However, the Company recommends that the Interconnecting Customer obtain adequate insurance to cover potential liabilities.

#### 11.2 Insurer Requirements and Endorsements

All required insurance shall be carried by reputable insurers qualified to underwrite insurance in MA having a Best Rating of "A-". In addition, all insurance shall, (a) include Company as an additional insured; (b) contain a severability of interest clause or cross-liability clause; (c) provide that Company shall not incur liability to the insurance carrier for payment of premium for such insurance; and (d) provide for thirty (30) calendar days' written notice to Company prior to cancellation, termination, or material change of such -insurance; provided that to the extent the Interconnecting Customer is satisfying the requirements of subpart (e) of this paragraph by means of a presently existing insurance policy, the Interconnecting Customer shall only be required to make good faith efforts to satisfy that requirement and will assume the responsibility for notifying the Company as required above.

If the requirement of clause (a) in the paragraph above prevents Interconnecting Customer from obtaining the insurance required without added cost or due to written refusal by the insurance carrier, then upon Interconnecting Customer's written Notice to Company, the requirements of clause (a) shall be waived.

#### 11.3 Evidence of Insurance

Evidence of the insurance required shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by Interconnecting Customer.

The Interconnecting Customer is responsible for providing the Company with evidence of insurance in compliance with this Tariff on an annual basis.

Prior to the Company commencing work on System Modifications, the Interconnecting Customer shall have its insurer furnish to the Company certificates of insurance evidencing the insurance coverage required above. The Interconnecting Customer shall notify and send to the Company a certificate of insurance for any policy written on a "claims-made" basis. The Company may at its discretion require the Interconnecting Customer to maintain tail coverage for three years on all policies written on a "claims-made" basis.



11.4 Self Insurance

If Interconnecting Customer is a company with a self-insurance program established in accordance with commercially acceptable risk management practices. Interconnecting Customer may comply with the following in lieu of the above requirements as reasonably approved by the Company:

- Interconnecting Customer shall provide to Company, at least thirty (30) calendar days prior to the Date of Initial Operation, evidence of such program to self-insure to a level of coverage equivalent to that required.
- If Interconnecting Customer ceases to self-insure to the standards required hereunder, or if Interconnecting Customer is unable to provide continuing evidence of Interconnecting Customer's financial ability to self-insure, Interconnecting Customer agrees to promptly obtain the coverage required under section 11.1.

11.5 All insurance certificates, statements of self insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued and submitted to the following:

NSTAR Electric

Attention: \_Joseph V. Feraci, Jr.

Mail Stop: SUMSW390

One NSTAR Way

Westwood, MA 02090

**12. Indemnification.**

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.

**13. Limitation of Liability.**

Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including court costs and 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 or liability 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.



**14. Amendments and Modifications.**

No amendment or modification of this Agreement shall be binding unless in writing and duly executed by both Parties.

**15. Permits and Approvals.**

Interconnecting Customer shall obtain all environmental and other permits lawfully required by governmental authorities for the construction and operation of the Facility. Prior to the construction of System Modifications the interconnecting customer will notify the Company that it has initiated the permitting process. Prior to the commercial operation of the Facility the Customer will notify the Company that it has obtained all permits necessary. Upon request the Interconnecting Customer shall provide copies of one or more of the necessary permits to the Company.

**16. Force Majeure** - For purposes of this Agreement, "Force Majeure Event" means any event:

16.1 That is beyond the reasonable control of the affected Party; and

16.2 That the affected Party is unable to prevent or provide against by exercising commercially reasonable efforts, including the following events or circumstances, but only to the extent they satisfy the preceding requirements: acts of war or terrorism, public disorder, insurrection, or rebellion; floods, hurricanes, earthquakes, lighting, storms, and other natural calamities; explosions or fire; strikes, work stoppages, or labor disputes; embargoes; and sabotage. If a Force Majeure Event prevents a Party from fulfilling any obligations under this Agreement, such Party will promptly notify the other Party in writing, and will keep the other Party informed on a continuing basis of the scope and duration of the Force Majeure Event. The affected Party will specify in reasonable detail the circumstances of the Force Majeure Event, its expected duration, and the steps that the affected Party is taking to mitigate the effects of the event on its performance. The affected Party will be entitled to suspend or modify its performance of obligations under this Agreement, other than the obligation to make payments then due or becoming due under this Agreement, but only to the extent that the effect of the Force Majeure Event cannot be mitigated by the use of reasonable efforts. The affected Party will use reasonable efforts to resume its performance as soon as possible. In no event will the unavailability or inability to obtain funds constitute a Force Majeure Event.



17. Notices.

- 17.1 Any written notice, demand, or request required or authorized in connection with this Agreement (“Notice”) shall be deemed properly given on the date actually delivered in person or five (5) business days after being sent by certified mail, e-mail or fax with confirmation of receipt and original follow-up by mail, or any nationally-recognized delivery service with proof of delivery, postage prepaid, to the person specified below:

If to Company:

Name: NSTAR Electric  
Attention: Joseph V. Feraci, Jr  
Mail Stop SUMSW390  
One NSTAR Way  
Westwood, MA 02090  
Phone: 781-441-8196  
FAX: 781-441-8721

If to Interconnecting Customer:

Name: Kirwan Surgical Products, Inc  
Address: 180 Enterprise Drive  
City: Marshfield, MA 02050  
Phone: 888-543-9267  
FAX:  
Attn: Scott Kirwan

- 17.2 A Party may change its address for Notices at any time by providing the other Party Notice of the change in accordance with Section 16.1.
- 17.3 The Parties may also designate operating representatives to conduct the daily communications, which may be necessary or convenient for the administration of this Agreement. Such designations, including names, addresses, and phone numbers may be communicated or revised by one Party’s Notice to the other.



## 18. Default and Remedies

18.1 **Defaults.**- Any one of the following shall constitute “An Event of Default.”

- (i) One of the Parties shall fail to pay any undisputed bill for charges incurred under this Agreement or other amounts which one Party owes the other Party as and when due, any such failure shall continue for a period of thirty (30) days after written notice of nonpayment from the affected Party to the defaulting Party, or
- (ii) One of the Parties fails to comply with any other provision of this Agreement or breaches any representation or warranty in any material respect and fails to cure or remedy that default or breach within sixty (60) days after notice and written demand by the affected Party to cure the same or such longer period reasonably required to cure (not to exceed an additional 90 days unless otherwise mutually agreed upon), provided that the defaulting Party diligently continues to cure until such failure is fully cured.

## 18.2 Remedies.

Upon the occurrence of an Event of Default, the affected Party may at its option, in addition to any remedies available under any other provision herein, do any, or any combination, as appropriate, of the following:

- a. Continue to perform and enforce this Agreement;
- b. Recover damages from the defaulting Party except as limited by this Agreement;
- c. By written notice to the defaulting Party terminate this Agreement;
- d. Pursue any other remedies it may have under this Agreement or under applicable law or in equity.

## 19. Entire Agreement.

This Agreement, including any attachments or appendices, is entered into pursuant to the Interconnection Tariff. Together the Agreement and the Interconnection Tariff represent the entire understanding between the Parties, their agents, and employees as to the subject matter of this Agreement. Each Party also represents that in entering into this Agreement, it has not relied on any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement or in the incorporated tariff schedules and rules.

## 20. Supercedence.

In the event of a conflict between this Agreement, the Interconnection Tariff, or the terms of any other tariff, Exhibit or Attachment incorporated by reference, the terms of the Interconnection Tariff, as the same may be amended from time to time, shall control. In the event that the Company files a revised tariff related to interconnection for Department approval after the effective date of this Agreement, the Company shall, not later than the date of such filing, notify the signatories of this Agreement and provide them a copy of said filing.



**21. Governing Law.**

This Agreement shall be interpreted, governed, and construed under the laws of the Commonwealth of Massachusetts without giving effect to choice of law provisions that might apply to the law of a different jurisdiction.

**22. Non-waiver.**

None of the provisions of this Agreement shall be considered waived by a Party unless such waiver is given in writing. The failure of a Party to insist in any one or more instances upon strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishment of any such rights for the future, but the same shall continue and remain in full force and effect.

**23. Counterparts.**

This Agreement may be signed in counterparts.

**24. No Third Party Beneficiaries.**

This Agreement is made solely for the benefit of the Parties hereto. Nothing in the Agreement shall be construed to create any rights in or duty to, or standard of care with respect to, or any liability to, any person not a party to this Agreement.

**25. Dispute Resolution.**

Unless otherwise agreed by the Parties, all disputes arising under this Agreement shall be resolved pursuant to the dispute resolution procedures set forth in the Interconnection Tariff.

**26. Severability.**

If any clause, provision, or section of this Agreement is ruled invalid by any court of competent jurisdiction, the invalidity of such clause, provision, or section, shall not affect any of the remaining provisions herein.

**27. Signatures**

IN WITNESS WHEREOF, the Parties hereto have caused two (2) originals of this Agreement to be executed under seal by their duly authorized representatives.

**Interconnecting Customer**

**Company**

By: [Signature]  
Name: Scott A. Kirwan  
Title: V.P. of Finance

By: [Signature]  
Name: David N. Le  
Title: Manager, Technical Center



The following attachments will be included as appropriate for each specific Interconnection Service Agreement.

- Attachment 1:** Definitions (See Section 1.2 of Tariff)
- Attachment 2:** Description of Facilities, including demarcation of Point of Common Coupling
- Attachment 3:** Description of System Modifications (N/A)
- Attachment 4:** Costs of System Modifications and Payment Terms (N/A)
- Attachment 5:** Special Operating Requirements, if any (N/A)
- Attachment 6:** Third Party Owner Agreement (N/A)



**Attachment 1 – Definitions**  
**(See Section 1.2 of Tariff)**



**Attachment 2**  
**Description of Facilities, including demarcation**  
**of Point of Common Coupling**



**ART Engineering**  
 76 Webster Street  
 Worcester, MA 01603  
 508-797-0333 Phone  
 508-797-5130 Fax  
 www.artec.us.com



*Azim S. Rawji*

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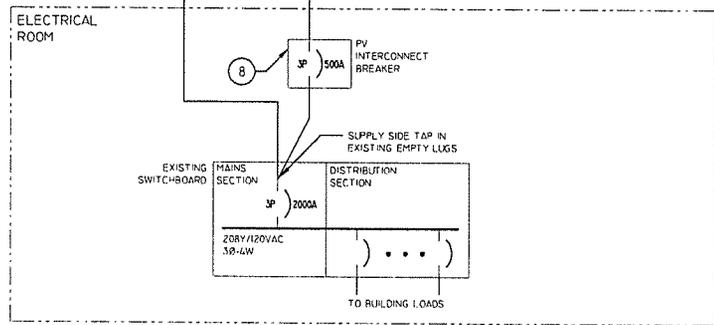
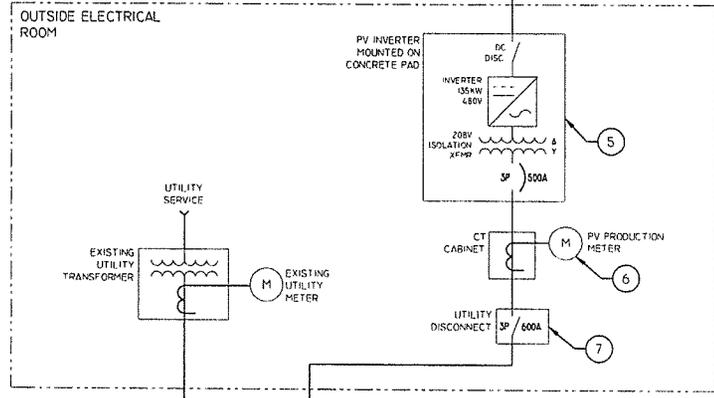
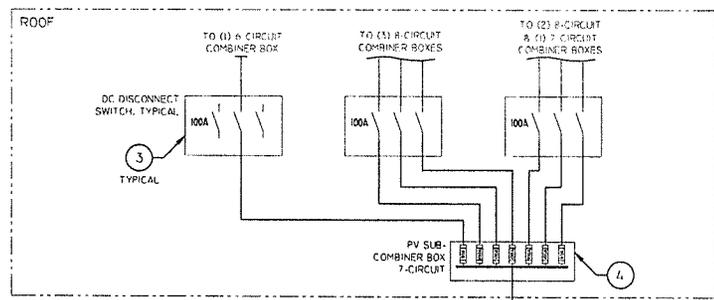
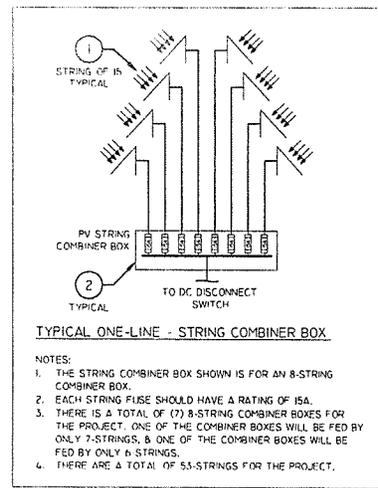
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TOTAL SYSTEM RATING	
MODULE MANUFACTURER	EVERGREEN
MODULE PART #	ESI90
TOTAL # MODULES	795
TOTAL STC POWER RATING	151,050 WATTS

SERIES STRING RATINGS	
# OF SERIES IN STRING	15
MAX Voc @ -28C	580.7 VOLTS
MAX STRING CURRENT (Isc)	8.05 AMPS
STC POWER RATING (PER STRING)	2850 WATTS

BILL OF MATERIALS			
ITEM	QTY	DESCRIPTION	PART NO.
1	795	PV MODULE, 190 WATT, EVERGREEN SOLAR ES-190	
2	7	PV STRING COMBINER BOX, 600VDC, 15A FUSES, 8-CIRCUIT, NEMA 3R ENCLOSURE	
3	5	DISCONNECT SWITCH, 600VDC, 100A, NON-FUSED, NEMA 3R ENCLOSURE	
4	1	PV SOURCE CIRCUIT SUBCOMBINER BOX, 600VDC, 7-CIRCUIT, NEMA 3R ENCLOSURE. (1) 80A, (1) 90A, & (5) 100A FUSES	
5	1	PV INVERTER, 135KW, 310-600VDC INPUT, 208V 3-PHASE OUTPUT, SATCON POWERGATE PLUS 135KW	
6	1	PV PRODUCTION METER, 208V, 3-PHASE, CT-RATED WITH PULSED OUTPUT TO SOLTREX DATA MONITORING SYSTEM, NEMA 3R ENCLOSURE	
7	1	DISCONNECT SWITCH, 600VAC, 600A, NON-FUSED, NEMA 3R ENCLOSURE	
8	1	CIRCUIT BREAKER, 240VAC, 500A-3P, SQUARE D TYPE LC, NEMA 1 ENCLOSURE	

REV	DESCRIPTION	DATE	CHK BY	APP BY
0	ISSUED FOR INTERCONNECTION APPLICATION - NOT FOR CONSTRUCTION	5-18-2009		

**PROJECT NAME**  
 KIRWAN SURGICAL PRODUCTS

**LOCATION**  
 180 ENTERPRISE DRIVE  
 MARSHFIELD, MA 02050

**groSolar**  
 671 OLD RIVER RD, SUITE 3  
 WHITE RIVER JUNCTION, VT 05594  
 800-371-6606  
 info@grosolar.com

**TITLE**  
 ONE-LINE DIAGRAM

**SCALE:** NONE

**DATE**  
 5-18-2009

**SHEET**  
 1 OF 1

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