



NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC) 2016 COMMERCIAL SOLAR HOT WATER INCENTIVE PROGRAM

Dear NHEC Member:

Thank you for inquiring about New Hampshire Electric Cooperative's (NHEC) 2016 Commercial Solar Hot Water Incentive Program. Below are important points you need to know in order to expedite the processing of your incentive. Please read carefully!

- ✓ All projects must be pre-approved before installation begins. Incentives will not be awarded retroactively for systems that did not receive pre-approval.
- ✓ Members may self-install, but it is strongly recommended that they use the services of a qualified installer, whether a sole proprietorship, company, corporation, limited liability company, or other organization authorized to conduct business in the State of NH, that installs solar water heating systems. Used parts or self-installed labor cannot be included in the cost of the system.
- ✓ Incentives are available to Commercial members on a first come, first-serve basis. There are a limited number of incentives available in 2015. The incentive is \$0.12/rated or modeled kBtu/year for solar thermal systems that are 15 collectors in size or fewer, and \$0.07/rated or modeled kBtu for systems that are greater than 15 collectors in size. Incentives are capped at the lesser of 25% of the system cost or \$10,000. Limit of one incentive per service location (lifetime).
- ✓ Submit your fully completed application with supporting documents (see checklist) to NHEC at the address listed below. A program administrator will review the application, once deemed complete you will be put in the queue for an incentive. If your project is pre-approved, NHEC will send a pre-approval letter to you.
- ✓ To receive 2016 program year incentives, your project must be installed and operating and all paperwork received by NHEC within 120 days of approval but no later than December 31, 2016.
- ✓ To receive an incentive, you will be required to give NHEC rights to your Renewable Energy Certificates (REC). These certificates are used to help the Cooperative reach its Renewable Energy Portfolio requirements.
- ✓ You may also be eligible for a State of NH rebate for residential projects. Go to www.puc.nh.gov Sustainable Energy division for more information. You may also be entitled to a federal tax credit for installing a small renewable energy project. Consult a tax advisor to determine eligibility for these credits.
- ✓ NHEC does not guarantee energy performance of your system.
- ✓ System installation orientation and tilt requirements: The system must be oriented between 165° and 225° (solar south being 195° in NH). The system must be tilted between 25° and 60° degrees above the horizon. You should have a clear view of the southern sky above 25° and the eastern and western sky above 12°.

Please mail all documents to Bill Vecchio, Program Administrator

NHEC Solar Hot Water Program, 579 Tenney Mountain Highway, Plymouth, NH 03264.

Electronic applications are also accepted. Please submit to vecchiob@nhec.com.

Please call Bill Vecchio, Program Administrator at 603-536-8632 if you have any questions.



**NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC)
2016 SOLAR HOT WATER INCENTIVE PROGRAM APPLICATION CHECKLIST**
(please keep for your records)

Please send in the following documents, fully completed, that constitutes your incentive application
Applications must be pre-approved before installation of your system begins!

1. Incentive Application Form (To be completed by the Member)
2. Program Terms & Conditions (To be signed by the Member)
3. Minimum Design & Estimated Production Calculation Form (To be filled out by installer and/or Member)
4. Photographs as Described Below (Taken by Member or installer) Please take photographs of the home/building taken at 1:00 p.m. during DST (summer) or 12:00 p.m. during EST (winter) where system will be installed. Please take picture as follows:
 - a. Facing the building with the south behind you.
 - b. Facing south with the building to your back.
 - c. From the south side of the building, facing east.
 - d. From the south side of the building, facing west.
5. Proposal or contract from installer (To be signed by Member and installer)
6. System description (To be provided by installer to member)
 - a. Location, orientation, and tilt of collectors, etc.
 - b. Shading analysis (Solar Path Finder or Similar Tool)
7. Equipment List (To be provided by installer to Member, may be included in contract)

Please submit the following once your system is installed and operational:

1. NHEC's 2016 Solar Hot Water Incentive Program Completion Form (To be filled out by installer & Member)
2. Granting of Rights to Renewable Energy Certificates (REC's) Form (To be signed by Member)
3. Invoice with final pricing including parts and labor.
4. If self-installed, include documentation of inspection by a local building code official or NH licensed plumber.



**NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC)
2016 COMMERCIAL SOLAR HOT WATER INCENTIVE PROGRAM APPLICATION FORM**

Member Name:		Date:	
Member Account Number:			
Mailing Address:			
City:	State:	Zip Code:	
Daytime Phone Number:		Email Address:	
Project Address:			
City:	State:	Zip Code:	
Installer Company Name:			
Installer Address:			
City:	State:	Zip Code:	
Current fuel being used for hot water: <input type="checkbox"/> Electric <input type="checkbox"/> Oil <input type="checkbox"/> Propane <input type="checkbox"/> Other			
How many people will occupy the building?			
Describe hot water usage: <input type="checkbox"/> Residential <input type="checkbox"/> Commercial Laundry <input type="checkbox"/> Other			
Proposed Project Start Date:		Proposed Project Completion Date:	
Have you read and understand the Terms & Conditions? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Member Signature:		Date:	

FOR NHEC USE:	
Incentive Amount: ¹ \$	
NHEC Approval Signature:	Date:

¹ \$0.12/rated or modeled kBtu/year for solar thermal systems that are 15 collectors in size or fewer, and \$0.07/rated or modeled kBtu for systems that are greater than 15 collectors in size. Incentives are capped at the lesser of 25% of the system cost or \$10,000. Limit one incentive per service location (lifetime).

NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC) 2016 SOLAR HOT WATER INCENTIVE PROGRAM TERMS AND CONDITIONS

1. Incentives

Subject to these terms and conditions, NHEC will award incentives to eligible NHEC active members for the installation of new commercially available Solar Hot Water systems including the panels or evacuated tubes, pumps, rack, permits, wiring, storage tank, plumbing, labor, and associated equipment. Applicants are encouraged to use the services of a qualified installer, whether a sole proprietorship, company, corporation, limited liability company, or other organization authorized to conduct business in the State of NH, that installs solar water heating systems. Homeowners may self-install, but it is strongly recommended that they work with a professional or an organization like Plymouth Area Renewable Energy Initiative. Used parts or self-installed labor may not be included in the cost of the system. Adding panels onto an existing system or replacing equipment does not constitute an eligible project. All installations must comply with manufacturers' requirements, local, State of NH, and National codes. Application must be received and pre-approved prior to the beginning of installation of the system.

To receive 2016 program year incentives, your project must be completely installed and operating and all documentation received by NHEC no later than December 31, 2016.

Program definitions:

Solar Hot Water System: any commercially available Solar Hot Water system. The system includes the solar panels or evacuated tubes, exchanger, mounting racks, labor, storage tank, wiring, permits, and other equipment as needed.

To the extent that funds are available, the following incentives will apply:

\$0.12/rated or modeled kBtu/year for solar thermal systems that are 15 collectors in size or fewer, and \$0.07/rated or modeled kBtu for systems that are greater than 15 collectors in size. Incentives are capped at the lesser of 25% of the system cost or \$10,000. Limit one incentive per service location To the extent that funds are available, the following incentives will apply:

System Requirements:

- a. System must have an azimuth of between 165 degrees and 225 degrees (magnetic)
- b. System must have a tilt of between 25 degrees and 60 degrees above the horizon
- c. System must have a site shading efficiency of 80% or more.

2. Member Eligibility

Funds will be distributed on a first-come, first-serve basis to Residential members. Systems must be installed in NHEC's service territory (at an active member account) and NHEC reserves the right to limit each member to one lifetime Solar Hot Water lifetime incentive per service location. Energy produced must be used at the member's home.

3. Completed Incentive Application

Receipt of and approval by NHEC of the completed application will put the member in the queue for an incentive. A completed application includes the following:

- a. General Information Form
- b. Incentive Terms and Conditions Form (this document)
- c. Granting of Rights to Renewable Energy Certificates Form
- d. Photographs of home or building taken at 1 PM during Daylight Savings Time (summer) or 12 PM during Eastern Standard Time (winter) where system will be installed.

Photo images required:

- i. Facing the building with south behind you
- ii. With the building to your back, facing south
- iii. From the south side of the building, facing east
- iv. From the south side of the building, facing west

- a. Proposal or Contract from installer signed by member and installer
- b. System Description from Installer
 - i. Location, orientation, and tilt of collectors, etc.
 - ii. Shading Analysis (Solar Pathfinder or similar tool)
- c. Equipment List from installer

4. Pre-Approval and Pre-Installation

Before installation work begins, pre-approval from NHEC is required for all projects. After an application is pre-approved by NHEC, the member will receive written notification of the maximum pre-approved incentive. NHEC reserves sole discretion to approve or disapprove of any Solar Hot Water system proposed. NHEC reserves sole discretion to determine if an installation is qualified as described above.

The following are required in addition to other requirements listed herein:

- a. The project must be deemed feasible regarding payback, energy savings, practicality, etc.
- b. The system will remain installed and operational for at least 10 years
- c. Failure to meet the requirement above will result in member paying NHEC the incentive amount within 60 days of system deactivation.

Submission of an application does not entitle member to program participation. Participation can only occur after NHEC has given written pre-approval.

5. Monitoring and Evaluation Follow-up Visits and Dedicated Solar Hot Water Meter

NHEC reserves the right to make a reasonable number of follow-up visits after the actual project completion date and filing of Project Completion Form. Such visits will be at a time convenient to the member. The purpose of these visits is to provide NHEC with an opportunity to review operation of the system. The scope of the review of the design and installation of the system is limited solely to determining whether program conditions have been met. It does not include any safety review.

6. Schedule for Incentive Payment

NHEC expects all incentives to be paid 30 days after the Monitoring and Evaluation Follow-up visit and project completion. This visit may take 15 days or more to schedule. Project completion includes:

- a. Receipt of all Application documentation
- b. Fully installed and operational Solar Hot Water system per scope of work.
- c. Receipt of the Completion Form
- d. Receipt of the final invoice indicating total costs for parts and labor
- e. Monitoring and Evaluation follow-up visit as deemed necessary by NHEC
- f. NHEC's acceptance of the above, all in accordance with the specifications outlined elsewhere in the Terms and Conditions

7. Changes in or Cancellation of the Program

NHEC may change and/or cancel the program requirements, incentives, and/or Terms and Conditions at any time without prior notice to members. In the event of a program change, pre-approved applications will be processed to completion under the Terms and Conditions in effect at the time of pre-approval.

8. Publicity of Member Participation

NHEC may wish to publicize your participation in the program, the results, the amount of incentives paid to participants, and any other information which reasonably relates to participation in this program without compromising your reasonable expectations of confidentiality.

9. Installation/Completion Schedule Requirements

After receipt of and pre-approval of Incentive Application by NHEC incentive funding will be held in queue for a period of 120 days from the approval date of application. All projects must be completed within 120 days and on or before December 31, 2016. All documentation must be received by NHEC on or before December 31, 2016.

10. Limitation of Liability and Indemnification

NHEC's liability under these Terms and Conditions will be limited to paying the incentive amounts specified herein. NHEC and any of its affiliates, consultants, or contractors shall not be liable for any consequential or incidental damages or for any damages in tort (including negligence) caused by any activities associated with these Terms and Conditions or in the Program.

The member shall protect, indemnify, and hold harmless NHEC from and against all liabilities, losses, claims, damages, judgments, penalties, causes of action, costs, expenses (including, without limitation, attorney's fees and expenses) incurred by or assessed against NHEC arising out of or relating to performance of these Terms and Conditions.

11. No Warranties

NHEC does not qualify, endorse, guarantee, nor warrant any particular manufacturer, product, or installer and provides no warranties, expressed or implied, for any product or services. The member's reliance on warranties is limited to any warranties that may arise from, or be provided by installers, contractors, vendors, etc. NHEC merely maintains a list of installers and equipment. It is the member's responsibility to determine if an installer is qualified to perform the work needed for the project and the equipment specified by the installer is appropriate for the project.

Member acknowledges that neither NHEC nor any of its consultants or affiliates are responsible for assuring that the design, engineering and construction of the system is proper or complies with any particular laws, codes, or industry standards. NHEC is not providing design and/or system technical advice and shall not be considered as doing so. Member should seek design and/or system technical advice from the qualified installer.

NHEC makes no representations of any energy and/or demand performance results to be achieved by the system.

12. No Advice on Taxes, Property Tax Exemptions, or State of NH Rebates

Members may qualify for a federal tax credit, a local property tax exemption, and/or a State of NH Rebate. NHEC's actions, comments, or written materials shall in no way be considered tax advice, advice on property tax exemptions, or advice on State of NH Rebates. Members should consult a tax advisor for a federal tax credit qualification determination. Members should consult your municipal officials for determination of a local property tax exemption. Members should consult the appropriate State of NH agency for determination of qualification of a State of NH rebate.

13. ISO-NE Forward Capacity Market Payments, Renewable Energy Credits, Regional Green House Gas Initiative Payments, Etc.

By granting the rights to Renewable Energy Certificates to NHEC, member agrees in perpetuity to forgo applying directly or indirectly for any ISO-NE Forward Capacity Market payments or credits, any Renewable Energy Credits or payments, any Regional Green House Gas Initiative payments or credits, and any other environmental or energy credits or payments resulting from this project. NHEC reserves the right to apply for the above-mentioned payments and/or credits and to receive such payments and/or credits for its own use.

Member reserves the right to apply for and receive local, state, and/or federal tax credits, deductions, and/or exemptions.

14. Member Designation of NHEC as Recipient of Renewable Energy Certificates

Member designates in perpetuity NHEC as the recipient of its Renewable Energy Certificates resulting from this project so that NHEC can receive such Certificates directly from the issuer. Member designates in perpetuity NHEC as the recipient of any Regional Green House Gas Initiative payments or credits, and any other environmental or energy credits or payments resulting from this project.

Member agrees to the conditions set forth in the NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC) 2016 SOLAR HOT WATER INCENTIVE PROGRAM GRANTING OF RIGHTS OF RENEWABLE ENERGY CERTIFICATES (RECS) TO NHEC, NAMING NHEC AS DESIGNEE OF RECS, ATTESTATION OF MEMBER REGARDING BUILDING CODES, AND MEMBER DISCLOSURE TO FUTURE OWNERS OF THE PROPERTY THE TRANSFER OF RIGHTS OF RECS TO NHEC agreement and will sign said agreement.

15. Miscellaneous Items

The Parties agree that no failure or delay in exercising any right, power or privilege hereunder will operate as a waiver thereof, nor will any single or partial exercise thereof preclude any other or further exercise thereof or the exercise of any right, power or privilege hereunder.

This Agreement shall be governed by and construed and interpreted in accordance with the laws of the State of New Hampshire without regard to its conflicts of laws principles and any legal action will be adjudicated at a New Hampshire State court or New Hampshire administrative body of competent jurisdiction.

The invalidity or unenforceability of any provision of these Terms and Conditions will not affect the validity or enforceability of its other provisions. Following a determination by a court or an administrative body of competent jurisdiction that any provision of these Terms and Conditions is invalid or unenforceable, the remaining Terms and Conditions shall remain in full force and effect in accordance with their terms. Member agrees to disclose these Terms and Conditions to future purchasers of the property at which the project is located.

16. Paragraph Headings and Paragraph Numbering

Paragraph headings, paragraph numbering, and other headings are for information only and are not made a part of these Terms and Conditions.

17. Entire Agreement

These Terms and Conditions set forth the entire agreement between the Parties. No other prior or contemporaneous written or oral agreement and no subsequent oral agreements between the Parties will be binding on the Parties.

By signing below and initialing the other pages, member and NHEC agree to the terms and conditions contained herein.

Signature of Member

Date

Member Printed Name (if Business, Print Name of Business)

Signature of NHEC Representative

Date

NHEC Representative Printed Name

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**NEW HAMPSHIRE ELECTRIC COOPERATIVE'S (NHEC)
2016 SOLAR HOT WATER INCENTIVE PROGRAM COMPLETION FORM**

Member Name:	
Member Account Number:	
Member Signature:	Date:
This section is to be completed by the installer: Please Initial	
<p>_____ The system has been installed in compliance with the applicable requirements of the local codes authority, State of NH codes, and National Codes.</p> <p>_____ Installation of the system is complete and the system is operating as designed.</p> <p>_____ The final contract signed by the member and installer with final pricing is included with this form. (Only necessary if the form has changed since original contract submission)</p> <p>_____ If the system was self-installed, documentation that the installed system has been inspected by a local building official or a NH licensed plumber.</p> <p>Comments or Notes:</p> <p>Installer Signature: _____ Date: _____</p>	
FOR NHEC USE:	
NHEC Representative Signature: _____ Date: _____	
Notes:	



RENEWABLE ENERGY CERTIFICATE (REC) MEMBER AGREEMENT

GRANTING OF RIGHTS OF RENEWABLE ENERGY CERTIFICATES (RECS) TO NHEC, NAMING NHEC AS DESIGNEE OF RECS, ATTESTATION OF MEMBER REGARDING BUILDING CODES, AND MEMBER DISCLOSURE TO FUTURE OWNERS OF THE PROPERTY THE TRANSFER OF RIGHTS OF RECS TO NHEC

In exchange for receiving an incentive from NHEC, Member agrees to the following:

1. Member forgoes in perpetuity applying directly or indirectly for any ISO-NE Forward Capacity Market payments or credits, any Renewable Energy Certificates or payments, any Regional Green House Gas Initiative payments or credits, and any other environmental or energy credits or payments resulting from this project. NHEC reserves the right to apply for the above-mentioned payments, certificates and/or credits and to receive such payments, certificates and/or credits for its own use.
2. Member designates in perpetuity NHEC as the recipient of its Renewable Energy Certificates resulting from this project so that NHEC can receive such Certificates directly from the issuer. Member designates in perpetuity NHEC as the recipient of any Regional Green House Gas Initiative payments or credits, and any other environmental or energy credits or payments resulting from this projects.
3. Member reserves the right to apply for and receive local, state, and/or federal tax credits, deductions, and/or exemptions.
4. Member attests that the project is installed and operating in conformance with any applicable building codes, if any.
5. Member will disclose this agreement to future purchasers of the property at which the project is located.

By signing below, member agrees to the terms listed herein.

Member Name:	
Date of Installation:	
Type of Project: <input type="checkbox"/> Wind <input type="checkbox"/> Solar PV <input type="checkbox"/> Solar Hot Water <input type="checkbox"/> Other	
If other please describe:	
Member Signature:	Date:
Member Printed Name:	