



15. If Class I certification is sought for the incremental new production of electricity by a generation facility that uses biomass, methane or hydroelectric technologies to produce energy, the applicant shall:
- (a) demonstrate that it has made capital investments after January 1, 2006 with the successful purpose of improving the efficiency or increasing the output of renewable energy from the facility, and
  - (b) supply the historical generation baseline as defined in RSA 362-F:2, X.
  - (c)  N/A: Class I certification is NOT being sought for the incremental new production of electricity by a generation facility that uses biomass, methane or hydroelectric technologies.
16. If Class I certification is sought for repowered Class III or Class IV sources, the applicant shall:
- (a) demonstrate that it has made new capital investments for the purpose of restoring unusable generation capacity or adding to the existing capacity, in light of the NHDES environmental permitting requirements or otherwise, and
  - (b) provide documentation that eighty percent of its tax basis in the resulting plant and equipment of the eligible generation capacity, including the NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments.
  - (c)  N/A: Class I certification is NOT being sought for repowered Class III or Class IV sources.
17. If Class I certification is sought for formerly nonrenewable energy electric generation facilities, the applicant shall:
- (a) demonstrate that it has made new capital investments for the purpose of repowering with eligible biomass technologies or methane gas and complies with the certification requirements of Puc 2505.04, if using biomass fuels, and
  - (b) provide documentation that eighty percent of its tax basis in the resulting generation unit, including NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments.
  - (c)  N/A: Class I certification is NOT being sought for formerly nonrenewable energy electric generation facilities.
18. If Class IV certification is sought for an existing small hydroelectric facility, the applicant shall submit proof that:
- (a) it has installed upstream and downstream diadromous fish passages that have been required and approved under the terms of its license or exemption from the Federal Energy Regulatory Commission, and
  - (b) when required, has documented applicable state water quality certification pursuant to section 401 of the Clean Water Act for hydroelectric projects.
  - (c)  N/A: Class IV certification is NOT being sought for existing small hydroelectric facilities.
19. If the source is located in a control area adjacent to the New England control area, the applicant shall submit proof that the energy is delivered within the New England control area and such delivery is verified using the documentation required in Puc 2504.01(a)(2) a. to e.  
Yes, system is located in Massachusetts
20. All other necessary regulatory approvals, including any reviews, approvals or permits required by the NHDES or the environmental protection agency in the facility's state.  
Please see permit attached
21. Proof that the applicant either has an approved interconnection study on file with the commission, is a party to a currently effective interconnection agreement, or is otherwise not required to undertake an interconnection study.  
Please see interconnection approval attached

22. A description of how the generation facility is connected to the regional power pool of the local electric distribution utility.  
The system is tied in through breakers at the load panels of existing facility hosting the project
23. A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.  
We plan to register the system in the Massachusetts RPS also but have not done so yet
24. A statement as to whether the facility's output has been verified by ISO-New England.  
System output is not verified directly by ISO New England,  
Remote monitoring provided by Powerdash LLC [www.powerdash.com](http://www.powerdash.com)
25. A description of how the facility's output is reported to the GIS if not verified by ISO-New England.  
Each array is metered by a Shark 100S meter which is ANSI C-12 rated for accuracy +/- 5%  
Meters are tied to an on-site data logger with a cellular phone uplink to the internet
26. An affidavit by the owner attesting to the accuracy of the contents of the application.
27. Such other information as the applicant wishes to provide to assist in classification of the generating facility.
28. This application and all future correspondence should be sent to:  
Ms. Debra A. Howland  
Executive Director and Secretary  
State of New Hampshire  
Public Utilities Commission  
21 S. Fruit St, Suite 10  
Concord, NH 03301-2429

29. Preparer's information:

Name: Fred Unger  
 Title: Project Manager  
 Address: (1) C/o BCC Solar Energy Advantage, Inc.  
 (2) 56 Warren Street  
Boston MA 02119  
 (City) (State) (Zip code)  
 E-Mail Unger@hrtwd.com Phone: 508-951-7419

30. Preparer's signature:





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

November 12, 2009

BCC Solar Energy Advantage, Inc  
56 Warren St  
Boston, MA 02119

RE: ID#1340, 11.1 kW Solar PV

Dear Customer,

NSTAR has received all documentation with regards to your recently installed Solar PV system located at 73 Main St, Hopkinton. Approval is now granted for your system to be interconnected to the NSTAR electrical grid. Before operating your distributed generation system, however, please verify that a net meter has been installed at your location. For most applications a net meter features a red sticker that says "NET." If you are unsure please call so that NSTAR can verify for you before going online. NSTAR will not be liable for any billing errors that occur if you operate your system before the net meter is installed.

NSTAR wishes you the best with your new system and hopes that you get many years of use.

If you have any questions, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jan Gudell". The signature is fluid and cursive, written over the printed name.

Jan Gudell  
Interconnection Program Manager  
Tel: 781-441-8366  
Fax: 781-441-8721  
E-mail: [jan.gudell@nstar.com](mailto:jan.gudell@nstar.com)

CC: Borrego Solar Systems, Inc  
205 Industrial Ave  
Lowell, MA 01852

# TOWN OF HOPKINTON

## 18 MAIN STREET

### HOPKINTON, MASSACHUSETTS 01748

Building Department: 508-497-9745 Fax#: 508-497-9702

# BUILDING PERMIT

<u>N/C</u>	<u>B880-09</u>	<u>10/15/2009</u>
FEE/PAID	PERMIT	DATE
<u>Brendan Neagle, Borrego Solar Systems, Inc.</u>	<u>205 Industrial Avenue East, Lowell, MA 01852</u>	<u>CS 97365</u>
APPLICANT	ADDRESS	LICENSE NUMBER
<u>Install PV Solar Panels on Roof</u>	<u>Commercial</u>	
	PROPOSED USE	DWELLING UNITS
<u>73 MAIN ST. (Fire Station)</u>	<u>U 16</u>	<u>257/0</u>
LOCATION	MAP	LOT SIZE
		<u>.60 AC</u>
		<u>B</u>
		ZONING DISTRICT

Install PV Solar Panels on Roof

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NC  
PERMIT FEE

OWNER: Brian Main for the Town of Hopkinton  
 ADDRESS: 18 Main Street, Hopkinton, MA 01748

APPROVED BY: Charles E. Kades

THIS PERMIT SHALL BE FORWARDED TO ANY STREET, ALLEY OR SIDEWALK OR ANY PART THEREOF, EITHER TEMPORARILY OR PERMANENTLY. ENCROACHMENTS ON PUBLIC PROPERTY, NOT SPECIFICALLY PERMITTED UNDER THE BUILDING CODE, MUST BE APPROVED BY THE JURISDICTION. STREET OR ALLEY GRADES AS WELL AS DEPTH AND LOCATION OF PUBLIC SEWERS MAY BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS. THE ISSUANCE OF THIS PERMIT DOES NOT RELEASE THE APPLICANT FROM THE CONDITIONS OF ANY APPLICABLE SUBDIVISION REGULATIONS.

- MINIMUM OF THREE CALLED INSPECTIONS REQUIRED FOR ALL CONSTRUCTION WORK**
1. FOUNDATION OF FOOTINGS
  2. PRIOR TO ANY EMERALD STRUCTURAL MEMBERS (READY FOR LATH OR FINISH STONEWORK)
  3. FINAL INSPECTION OF DEPENDENT OCCUPANCY

APPROVED PLANS MUST BE RETAINED ON JOB AND THIS CARD KEPT POSTED UNTIL FINAL INSPECTION HAS BEEN MADE. WHERE A CERTIFICATE OF OCCUPANCY IS REQUIRED, SUCH BUILDING SHALL NOT BE OCCUPIED UNTIL FINAL INSPECTION HAS BEEN MADE.

WHERE APPLICABLE SEPARATE PERMITS ARE REQUIRED FOR ELECTRICAL, PLUMBING AND MECHANICAL INSTALLATIONS.

## POST THIS CARD SO IT IS VISIBLE FROM THE STREET

<p style="text-align: center;"><u>BUILDING INSPECTION APPROVALS</u></p>	<p style="text-align: center;"><u>PLUMBING INSPECTION APPROVALS</u></p>	<p style="text-align: center;"><u>ELECTRICAL INSPECTION APPROVALS</u></p> <p style="font-size: 2em; text-align: center;"><i>Final OK BVH</i></p> <p style="font-size: 1.5em; text-align: center;"><i>10-29-09</i></p>
<u>BOARD OF HEALTH APPROVAL</u>	<u>DEW APPROVAL</u>	
<u>FIRE DEPARTMENT APPROVAL</u>	<u>ASSESSORS APPROVAL</u>	<u>WATER DEPARTMENT APPROVAL</u>