

**STATE OF VERMONT
PUBLIC SERVICE BOARD**

Petition of Green Mountain Power Corporation)
For a Certificate of Public Good, pursuant to 30)
V.S.A. § 248(j), for authority to build a solar)
generation unit at its Berlin #5 facility in Berlin,)
Vermont.)

Docket No. _____

PETITION FOR CERTIFICATE OF PUBLIC GOOD
PURSUANT TO 30 V.S.A. § 248(j)

By this Petition, Green Mountain Power Corporation (“Green Mountain Power” or the “Petitioner”) represents as follows:

1. The Petitioner is a company as defined by 30 V.S.A. § 201, and as such is subject to the jurisdiction of the Vermont Public Service Board (the “Board”) pursuant to 30 V.S.A. § 203.
2. Green Mountain Power’s offices are located at 163 Acorn Lane, Colchester, Vermont 05446.
3. Green Mountain Power provides electric power in the state of Vermont and owns real and personal property in the Town of Berlin in Washington County, Vermont.
4. Petitioner proposes to construct a photovoltaic solar system (“PV system”) at its Berlin Plant #5 in Berlin, Vermont.
5. This project (the “Project”) entails new construction of a PV system to be built on GMP’s existing property located on Dog River Road in Berlin, and consists of 39 fixed, ground-mounted panels, consisting of 952 modules covering approximately one acre. The power rating per module is 210 DC watts and the total project output is anticipated to be 199,920 DC watts. Petitioner proposes to install two inverters, to convert the DC electricity from the panels to alternating current, which will be located inside a small utility shed adjacent to the PV array.
6. At maximum output, GMP anticipates that the energy generated by the planned project will be enough to power approximately 100 average homes. The Project is being undertaken to add renewable generation resources to Petitioner’s power supply portfolio.

7. The Project will be built entirely on GMP owned-land, be minimally visible from Dog River Road, use existing distribution poles and rights of way, will not have an adverse impact on aesthetics or the scenic and natural beauty of the area or have an adverse impact with respect to aesthetics, environmental issues, or the land conservation measures contained in the plan of any affected community.
8. The proposed Project meets the criteria established by 30 V.S.A. § 248, including the environmental criteria incorporated from Title 10 of Vermont Statutes Annotated pursuant to 30 V.S.A. § 248(b)(5), and hence warrants that the Board make the findings requisite to the issuance of a Certificate of Public Good (“CPG”).
9. This Petition should be approved and a CPG issued for this Project by the Board under the provisions of 30 V.S.A. § 248(j) because the proposed Project:
 - A. is of limited size and scope;
 - B. does not raise a significant issue with respect to substantive criteria of 30 V.S.A. § 248; and
 - C. is such that the public interest will be satisfied by the use of the procedures delineated in 30 V.S.A. § 248(j).
10. The Project will promote the general good of the State of Vermont by adding additional clean, renewable energy to the state’s power supply portfolio.
11. The Petitioner has served this Petition, together with its prefiled testimony and exhibits, on the parties specified in 30 V.S.A. § 248(a)(4)(C), pursuant to the requirements of 30 V.S.A. § 248 and has notified adjoining landowners of the Project as required by Board Rule 5.402(B)(3). The Berlin Grand List was certified on December 28, 2009.
12. The Town of Berlin Planning Commission and the Central Vermont Regional Planning Commission have waived their rights to 45 days’ advance notice Petitioner’s submission of this petition to the Board.
13. In support of this Petition, the Petitioners submit prefiled testimony and exhibits of the following witnesses:

Witnesses

Subject

Joshua P. Castonguay

Explains Green Mountain Power's interest in the Project, the Project's effect on system stability and reliability, the need for present and future demand for service, the orderly development of the region, the economic benefit to the State, the transportation system, education services, municipal services, the development affecting public investments, least cost integrated resource plan, compliance with the electric energy plan, existing and planned transmission facilities, describes the location of the PV array, the overall design, including the technical requirements of the Project and supports the issuance of a CPG.

Hope Luhman

Provides testimony regarding the archeological and historical impacts of the project.

James B. Palmer

Provides testimony regarding aesthetic impacts of the Project.

Jeffrey A. Nelson and
Daniel J. Prash

Provides testimony regarding the natural resources, environmental and riparian impacts of the Project

WHEREFORE, the Petitioner respectfully requests this Board to:

- a. Give notice as provided by 30 V.S.A. § 248(j) and Rule 5.400.
- b. Upon expiration of the comment period allowed by 30 V.S.A. § 248(j), find that the proposed project will promote the general good of the State of Vermont and authorize the Petitioners to undertake the actions as described herein and in this testimony and exhibits.
- c. Issue a Certificate of Public Good to that effect.
- d. Take such other measures as may be required for the expeditious review of this Petition.

DATED at Burlington, Vermont this 8th day of January, 2010.

GREEN MOUNTAIN POWER CORPORATION

By: SHEEHEY FURLONG & BEHM P.C.

By: _____

Benjamin Marks
30 Main Street, P.O. Box 66
Burlington, Vermont 05402
(802) 864-9891
bmarks@sheeheyvt.com