



**LS Power Development, LLC**

Two Tower Center, 21<sup>th</sup> Floor  
East Brunswick, NJ 08816  
Phone (732) 249-6750 Fax (732) 249-7290

NHPUC 27OCT15AM10:19

October 26, 2015

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

Re: Jericho Power Class I REC Certification, Certification Number REC 15-<sup>455</sup>~~755~~

Ms. Howland,

Please find attached our revised submission for the Jericho Power wind project in Berlin, NH to qualify for Class I RECs. I have attached our application with corresponding attachments. Originals will also be sent via the postal service.

If you have any questions, please do not hesitate to contact us.

Thank you,

A handwritten signature in black ink, appearing to read "Nate Hanson".

Nate Hanson  
[NHanson@LSPower.com](mailto:NHanson@LSPower.com)  
212-547-2917



**3) Facility Information**

Facility Name: Jericho Power  
Mailing Address: One Tower Center, 21<sup>st</sup> Floor; East Brunswick, NJ 08816  
Physical Address: 83 Jericho Road  
Town/City: Berlin State: NH Zip Code: 03570  
If the facility does not have a physical address, provide the Latitude \_\_\_\_\_ & Longitude \_\_\_\_\_

Facility Owner: Jericho Power LLC  
Telephone: 212-547-2917 Cell: \_\_\_\_\_  
Email address: nhanson@LSPower.com

*If different from the owner:*

Facility Operator: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Cell: \_\_\_\_\_  
Email address: \_\_\_\_\_

**4) Provide a general description of the renewable energy facility including size, a general summary of equipment and operation. (The box provided will expand to accommodate the description.)**

The project consists of 5 x 2.85 MW generators manufactured by GE. The turbines are called GE-2.85. While the installed capacity is 14.25 MW, the park is capped at 12.05 MW per local interconnection requirements.

Turbine Technology: <http://www.ge-renewable-energy.com/wind/products/product-range/25-275-285-32/>

Fuel Type: wind Gross Nameplate Capacity\*: 12.05

Initial Date of Commercial Operation: 11/13/15 *Expected COD with ISO-NE*  
*First day of generating power/synching with grid*  
*If different, the Original Date of Operation: 10/26/15*

*\*The nameplate capacity should match the interconnection agreement and the GIS database. If it does not, please provide an explanation in the box below. (The box provided will expand to accommodate the explanation.)*

As mentioned above, the 14.25 MW project is curtailed to 12.05 MW per the interconnection agreement.

*Provide the pertinent pages of the interconnection agreement as **Attachment 4** of the Application. If the interconnection agreement is a confidential document, there is no need to send more than the first few pages, the page that verifies the nameplate capacity of the facility and the signature pages. This will ensure that the applicant is not required to submit both original and redacted versions of the application.*

*If the facility is not required to have an interconnection agreement, provide explanation as to why an interconnection agreement is not required as **Attachment 4**.*

**5) NEPOOL/GIS Asset ID and Facility Code**

***In order to qualify your facility's electrical production for RECs, you must register with the NEPOOL – GIS. Contact information for the GIS administrator follows:***

**James Webb**

**Registry Administrator, APX Environmental Markets**

224 Airport Parkway, Suite 600, San Jose, CA 95110

Office: 408.517.2174

[jwebb@apx.com](mailto:jwebb@apx.com)

Mr. Webb will assist you in obtaining a GIS facility code and an ISO-New England asset ID number.

GIS Facility Code #     MSS43580     Asset ID #     43580    

---

***If your facility is seeking Class I certification for the incremental new production of hydroelectric technologies to produce energy, proceed to question 6. Otherwise proceed to question 7.***

**6)**

- 6.i) Demonstrate that the facility has had capital investments after January 1, 2006 resulting in an improvement of the facility's efficiency or an increase in the output of renewable energy pursuant to RSA 362-F:4(i).
- 6.ii) Include the Historical Generation Baseline as defined by RSA 362-F:2, X (a).

***If your facility is seeking Class I certification for repowered Class III or IV sources, proceed to question 7. Otherwise proceed to question 8.***

**7)**

- 7.i) Demonstrate that the facility has had new capital investments for the purpose of restoring unusable generation or adding to the existing capacity, including NHDES environmental permitting requirements for new plants pursuant to RSA 362-F:4, I (i).
- 7.ii) Provide documentation that 80 percent of the facility's 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 pursuant to RSA 362-F:4, I (j).

***If your facility is seeking Class I certification for formerly nonrenewable energy electric generation facilities, proceed to question 8. Otherwise, proceed to question 9.***

**8) Complete the following as Attachment 8:**

- 8.i) Provide documentation that 80 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 pursuant to Puc 2505.07.

**If your facility is seeking Class IV certification for a hydroelectric facility with a nameplate capacity of one megawatt or greater, proceed to question 9. Otherwise, proceed to question 10.**

**9) Complete the following as Attachment 9:**

9.i) Provide proof that the facility has installed upstream and downstream diadromous fish passages that have been approved under the terms of the facility's license or exemption from the Federal Energy Regulatory Commission pursuant to RSA 362-F:4, IV (a).

Provide documentation that, when required, the facility has documented applicable state water quality certification pursuant to section 401 of the Clean Water Act for hydroelectric projects pursuant to RSA 362-

9.ii) F:4, IV (a).

**If your facility is located in a control area adjacent to the New England control area, complete question 10.**

**10) Provide the following as Attachment 10.**

10.i) Submit proof that the energy is delivered within the New England control area and such delivery is verified as required in Puc 2504.01(a)(2) a. to e.

**If your facility is a customer-sited source, proceed to question 11. Pursuant to RSA 362-F:2, V, a customer-sited source means a source that is interconnected on the end-use customer's side of the retail electricity meter in such a manner that it displaces all or part of the metered consumption of the end-use customer.**

**11) If the facility is a customer-sited source you must retain the services of an independent monitor directly, or if participating in an aggregation pursuant to Puc 2506, complete the following. Note that the aggregator must work with an independent monitor responsible for the verification of the production of energy from the customer-sited source.**

Independent Monitor's Name: \_\_\_\_\_

Town/City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Cell: \_\_\_\_\_

Email address: \_\_\_\_\_

(A list of independent monitors is available at:

[http://www.puc.nh.gov/Sustainable%20Energy/Renewable\\_Energy\\_Source\\_Eligibility.htm](http://www.puc.nh.gov/Sustainable%20Energy/Renewable_Energy_Source_Eligibility.htm).)

**12) Provide all necessary regulatory approvals, including any reviews, approvals or permits required by NHDES or the environmental protection agency in the facility's state as Attachment 12.**

**13) Provide a general description of how the generation facility is connected to the regional power pool via the \_\_\_\_\_**

local electric distribution utility. Please note that this information will be posted as public record. *(The box provided will expand to accommodate the description.)*

Interconnected with PSNH (dba Eversource) at the base of Jericho Mountain in Berlin, NH – approximately 83 Jericho Road, Berlin, NH.

14) Provide a statement as to whether the facility has been certified under another non-federal jurisdiction’s renewable portfolio standard. *(The box provided will expand to accommodate the statement.)*

As of the date of this submission, the facility has not been certified under another non-federal RPS. Applications for certification have been submitted in other New England states.

If applicable, provide verification of any certifications that have been received for this facility as **Attachment 14.**

15) Provide any other pertinent information that you wish to include to assist in classification of the facility as **Attachment 15.**

16) The following affidavit must be completed by the owner attesting to the accuracy of the contents of the application pursuant to Puc 2505.02 (b) (14).

AFFIDAVIT

I, Richard Roloff have reviewed the contents of this application and attest that it is accurate and is signed under the pains and penalties of perjury.

Applicant’s Signature  Date October 26, 2015

Applicant’s Printed Name Richard Roloff

Subscribed and sworn before me this 26<sup>th</sup> Day of October (month) in the year 2015

County of New York State of New York

  
Notary Public/Justice of the Peace

My Commission Expires 9/15/2016

ALEXANDRA LINARES  
Notary Public, State of New York  
No. 01LI6192833  
Qualified in Bronx County  
Commission Expires Sept. 15, 2016

| <b>Application Checklist:</b> |   | <b>check</b> |
|-------------------------------|---|--------------|
| 1-3                           | All general and facility information has been provided in numbers 1), 2) and 3).  | <b>X</b>     |
| 4                             | The nameplate capacity matches the interconnection agreement and the GIS database.  | <b>X</b>     |
| 4                             | Pertinent pages of the interconnection agreement have been provided as <b>Attachment 4</b> .  | <b>X</b>     |
| 5                             | A GIS Asset ID and facility code has been obtained and provided on the application.   | <b>X</b>     |
| 6                             | If your facility is seeking Class I certification for the incremental new production of hydroelectric technologies to produce energy, <b>Attachment 6</b>   | <b>NA</b>    |
| 7                             | If your facility is seeking Class I certification for repowered Class III or IV sources, <b>Attachment 7</b> .  | <b>NA</b>    |
| 8                             | If your facility is seeking Class I certification for formerly nonrenewable energy electric generation facilities, <b>Attachment 8</b> .  | <b>NA</b>    |
| 9                             | If your facility is seeking Class IV certification for the electric production of hydroelectric technologies with a nameplate capacity of one megawatt or greater, <b>Attachment 9</b> .                      | <b>NA</b>    |
| 10                            | If your facility is located in a control area <u>adjacent</u> to the New England control area, <b>Attachment 10</b> .   | <b>NA</b>    |
| 11                            | If the facility is a customer-sited source you have retained the services of an independent monitor and noted the independent monitor on the application.   | <b>NA</b>    |
| 12                            | All necessary regulatory approvals, including any reviews, approvals or permits required by NHDES or the environmental protection agency in the facility's state have been provided as <b>Attachment 12</b> . | <b>X</b>     |
| 13                            | A <u>general</u> description of how the generation facility is connected to the regional power pool via the local electric distribution utility has been provided.  | <b>X</b>     |
| 14                            | If applicable, verification of all renewable portfolio standard program certifications that have been received for this facility in other states, provided as <b>Attachment 14</b> .                          | <b>NA</b>    |
| 15                            | If necessary, other pertinent information that will assist in classification of the facility provided as <b>Attachment 15</b> .   | <b>NA</b>    |
| 16                            | A statement that there are no prohibited relationships between the Applicant and other involved parties has been provided. <i>There are no prohibited relationships.</i>                                      | <b>X</b>     |
| 17                            | The affidavit by the owner attesting to the accuracy of the contents of the application has been completed. (A separate Attachment 17 may be substituted for the affidavit provided in the application.)      | <b>X</b>     |
| Other                         | <i>The project will be metered to comply with PUC Rule 2506.</i>  | <b>X</b>     |

**Note:** Attachment numbers are matched with the number on the application. There are no attachments numbered 1, 2, 3, 5, 11, 13, 16, or 17. A separate attachment for the affidavit will be accepted.

*October 26, 2015*

*ATTACHMENT: Certification Regarding Compliance with PUC Rule 2506*

The project will be metered to comply with PUC Rule 2506.

ISO New England Inc.  
ISO New England Inc. Transmission, Markets & Services Tariff, 0.0.0  
Open Access Transmission Tariff  
Schedule 23 – Small Generator Interconnection Agreement

Original Service Agreement No. SGIA-ISNE/NU-14-03

**STANDARD SMALL GENERATOR  
INTERCONNECTION AGREEMENT (SGIA)**

**BY AND AMONG**

**ISO NEW ENGLAND INC.**

**AND**

**JERICHO POWER LLC**

**AND**

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**



Issued by: Raymond W. Hepper  
Vice President and General Counsel  
Issued on: August 29, 2014

Effective Date: September 30, 2014

## TABLE OF CONTENTS

### **Article. 1. Scope and Limitations of Agreement**

- 1.1 Applicability
- 1.2 Purpose
- 1.3 No Agreement to Purchase or Deliver Power
- 1.4 Limitations
- 1.5 Responsibilities of the Parties
- 1.6 Parallel Operation Obligations
- 1.7 Metering
- 1.8 Reactive Power
- 1.9 Capitalized Term
- 1.10 Scope of Service

### **Article. 2. Inspection, Testing, Authorization, and Right of Access**

- 2.1 Equipment Testing and Inspection
- 2.2 Authorization Required Prior to Parallel Operation
- 2.3 Right of Access

### **Article. 3. Effective Date, Term, Termination, and Disconnection**

- 3.1 Effective Date
- 3.2 Term of Agreement
- 3.3 Termination
- 3.4 Temporary Disconnection
  - 3.4.1 Emergency Conditions
  - 3.4.2 Routine Maintenance, Construction, and Repair
  - 3.4.3 Forced Outages
  - 3.4.4 Adverse Operating Effects
  - 3.4.5 Modification of the Small Generating Facility
  - 3.4.6 Reconnection

### **Article. 4. Cost Responsibility for Interconnection Facilities and Distribution Upgrades**

- 4.1 Interconnection Facilities
- 4.2 Distribution Upgrades

### **Article. 5. Cost Responsibility for Network Upgrades**

- 5.1 Applicability
- 5.2 Network Upgrades
- 5.3 Special Provisions for Affected Systems
- 5.4 Rights Under Other Agreements

### **Article.6. Billing, Payment, Milestones, and Financial Security**

- 6.1 Billing and Payment Procedures and Final Accounting
- 6.2 Milestones
- 6.3 Financial Security Arrangements

### **Article. 7. Assignment, Liability, Indemnity, Force Majeure, Consequential Damages, and Default**

- 7.1 Assignment
- 7.2 Limitation of Liability
- 7.3 Indemnity

- 7.4 Consequential Damages
- 7.5 Force Majeure
- 7.6 Default

**Article. 8. Insurance Requirements**

- 8.1 General Liability
- 8.2 Insurer Requirements and Endorsements
- 8.3 Evidence of Insurance
- 8.4 Self Insurance
- 8.5 Interconnecting Transmission Owner Insurance

**Article. 9. Confidentiality**

**Article. 10. Disputes**

**Article. 11. Taxes**

**Article. 12. Miscellaneous**

- 12.1 Governing Law, Regulatory Authority, and Rules
- 12.2 Amendment
- 12.3 No Third-Party Beneficiaries
- 12.4 Waiver
- 12.5 Entire Agreement
- 12.6 Multiple Counterparts
- 12.7 No Partnership
- 12.8 Severability
- 12.9 Security Arrangements
- 12.10 Environmental Releases
- 12.11 Subcontractors
- 12.12 Reservation of Rights

**Article. 13. Notices**

- 13.1 General
- 13.2 Billing and Payment
- 13.3 Alternative Forms of Notice
- 13.4 Designated Operating Representative
- 13.5 Changes to the Notice Information

**Article. 14. Signatures**

Attachments to SGIA

- Attachment 1 – Glossary of Terms
- Attachment 2 – Description and Costs of the Small Generating Facility, Interconnection Facilities, and Metering Equipment
- Attachment 3 – One-line Diagram Depicting the Small Generating Facility, Interconnection Facilities, Metering Equipment, and Upgrades
- Attachment 4 – Milestones
- Attachment 5 – Additional Operating Requirements for the New England Transmission System and Affected Systems Needed to Support the Interconnection Customer's Needs
- Attachment 6 – Interconnecting Transmission Owner's Description of its Upgrades and Best Estimate of Upgrade Costs

Attachment 7 – Commercial Operation Date

**THIS STANDARD SMALL GENERATOR INTERCONNECTION AGREEMENT** ("Agreement") is made and entered into this 30th day of September, 2014, by and between Jericho Power LLC, a limited liability corporation organized and existing under the laws of the Commonwealth of Massachusetts ("Interconnection Customer" with a Small Generating Facility), ISO New England Inc., a non-stock corporation organized and existing under the laws of the State of Delaware ("System Operator"), and Public Service Company of New Hampshire, a public service company organized and existing under the laws of the State of New Hampshire ("Interconnecting Transmission Owner"). Under this Agreement the Interconnection Customer, System Operator, and Interconnecting Transmission Owner each may be referred to as a "Party" or collectively as the "Parties."

In consideration of the mutual covenants set forth herein, the Parties agree as follows

**Article 1. Scope and Limitations of Agreement**

1.1 Applicability:

This Agreement shall be used for all Interconnection Requests submitted under the Small Generator Interconnection Procedures (SGIP) except for those submitted under the 10 kW Inverter Process contained in SGIP Attachment 5.

1.2 Purpose

This Agreement governs the terms and conditions under which the Interconnection Customer's Small Generating Facility will interconnect with, and operate in parallel with, the Interconnecting Transmission Owner's facilities that are part of the Administered Transmission System.

1.3 No Agreement to Purchase or Deliver Power

This Agreement does not constitute an agreement to purchase or deliver the Interconnection Customer's power. The purchase or delivery of power and other services that the Interconnection Customer may require will be covered under separate agreements, if any. The Interconnection Customer will be responsible for separately making all necessary arrangements (including scheduling) for delivery of electricity with the applicable Party.

1.4 Limitations

Nothing in this Agreement is intended to affect any other agreement between the Parties.

1.5 Responsibilities of the Parties

- 1.5.1 The Parties shall perform all obligations of this Agreement in accordance with all Applicable Laws and Regulations, Operating Requirements, and Good Utility Practice.
- 1.5.2 The Interconnection Customer shall construct, interconnect, operate and maintain its Small Generating Facility and construct, operate, and maintain its Interconnection Facilities in accordance with the applicable manufacturer's recommended maintenance schedule, and in accordance with this Agreement, and with Good Utility Practice.
- 1.5.3 The Interconnecting Transmission Owner shall construct, operate, and maintain its transmission facilities and Interconnection Facilities in accordance with this Agreement, and with Good Utility Practice.
- 1.5.4 The Interconnection Customer agrees to construct its facilities or systems in accordance with applicable specifications that meet or exceed those provided by the National Electrical Safety Code, the American National Standards Institute, IEEE, Underwriter's Laboratory, and Operating Requirements in effect at the time of construction and other applicable national and state codes and standards. The Interconnection Customer agrees to design, install, maintain, and operate its Small Generating Facility so as to reasonably minimize the likelihood of a disturbance adversely affecting or impairing the system or equipment of the Interconnecting Transmission Owner, the New England Transmission System and any Affected Systems.
- 1.5.5 Each Party shall operate, maintain, repair, and inspect, and shall be fully responsible for the facilities that it now or subsequently may own unless otherwise specified in the Attachments to this Agreement. Each Party shall be responsible for the safe installation, maintenance, repair and condition of their respective lines and appurtenances on their respective sides of the point of change of ownership. The Interconnecting Transmission Owner and the Interconnection Customer, as appropriate, shall provide Interconnection Facilities that adequately protect the New England Transmission System or Interconnecting Transmission Owner's transmission facilities, personnel, and other persons from damage and injury. The allocation of responsibility for the design, installation, operation, maintenance and ownership of Interconnection Facilities shall be delineated in the Attachments to this Agreement.
- 1.5.6 The System Operator, with input from the Interconnecting Transmission Owner, shall coordinate with all Affected Systems to support the interconnection.

## 1.6 Parallel Operation Obligations

Once the Small Generating Facility has been authorized to commence parallel operation, the Interconnection Customer shall abide by all rules and procedures pertaining to the parallel

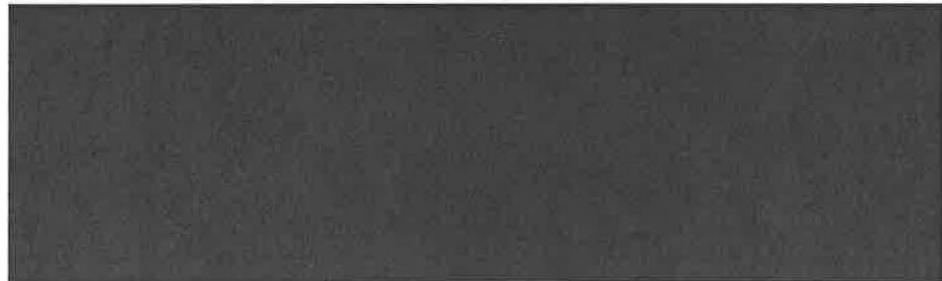
**Description and Costs of the Small Generating Facility,  
Interconnection Facilities, and Metering Equipment**

I. DESCRIPTION OF MAJOR COMPONENTS

A. Small Generating Facility

(1) Description of Small Generating Facility.

The Small Generating Facility located at 83 Jericho Road, Berlin, NH, consists of five (5) 2.85 MW Wind Turbine Generators manufactured by General Electric Company.



(2) The Small Generating Facility shall receive:

Network Resource Interconnection Service for the NR Capability at a level not to exceed: See below

Capacity Network Resource Interconnection Service for:

(a) the NR Capability at a level not to exceed 12.05 MW gross and net for Summer and 12.05 MW gross and net for Winter; and (ii) the CNR Capability at a level [to be determined] MW for Summer and a level [to be determined] MW for Winter, which shall not exceed a level [to be determined] for Summer and for Winter. The CNR Capability shall be the amount of the Capacity Supply Obligation obtained by the Generating Facility in accordance with Section III.13 of the Tariff and, if applicable, as specified in filings

by the System Operator with the Commission pursuant to Section III.13 of the Tariff.

- (3) Detailed Description of Small Generating Facility and Generator Step-Up Transformer, if applicable:

| <b>Generator Data</b>   |                         |
|---|-------------------------|
| Number of Generators  | 5                       |
| Manufacturer  | GE                      |
| Model   | 2.85 MW                 |
| Designation of Generator(s)   | GE 2.85-103             |
| Excitation System Manufacturer  | GE                      |
| Excitation System Model   | Integrated in generator |
| Voltage Regulator Manufacturer  | GE                      |
| Voltage Regulator Model   | Integrated in generator |
| <b>Generator Ratings</b>  |                         |
| Greatest Unit Gross and Net MW Output at Ambient Temperature at or above 90 Degrees F   | 2.85 MW                 |
| Greatest Unit Gross and Net MW Output at Ambient Temperature at or above 50 Degrees F   | 2.85 MW                 |
| Greatest Unit Gross and Net MW Output at Ambient Temperature at or above 20 Degrees F   | 2.85 MW                 |
| Greatest Unit Gross and Net MW Output at Ambient Temperature at or above zero Degrees F | 2.85 MW                 |
| Station Service Load For Each Unit  | Negligible              |
|   |                         |

**Article 14. Signatures**

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

**Public Service Company of New Hampshire (Interconnecting Transmission Owner)**

Name: David H. Boguslowski  
David H. Boguslowski

Title: Vice President – Transmission Strategy and Operations

Date: 9/30/14

**Jericho Power LLC (Interconnection Customer)  
By: Palmer Management Corporation, its Manager**

Name: \_\_\_\_\_  
By: Gordon L. Deane  
Title: President  
Date: \_\_\_\_\_

**ISO New England Inc (System Operator)**

Name: \_\_\_\_\_  
Stephen J. Rourke  
Title: Vice President, System Planning  
Date: \_\_\_\_\_

**Article 14. Signatures**

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

**Public Service Company of New Hampshire (Interconnecting Transmission Owner)**

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

David H. Boguslowski

Title: Vice President – Transmission Strategy and Operations

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

**Jericho Power LLC (Interconnection Customer)  
By: Palmer Management Corporation, its Manager**

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

By: Gordon L. Deane

Title: President

Date: 9/5/2014

**ISO New England Inc (System Operator)**

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

Stephen J. Rourke

Title: Vice President, System Planning

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

**Article 14. Signatures**

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

**Public Service Company of New Hampshire (Interconnecting Transmission Owner)**

Name: \_\_\_\_\_  
David H. Boguslowski

Title: Vice President – Transmission Strategy and Operations

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

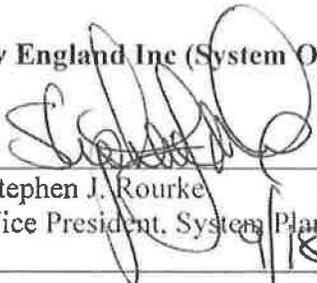
**Jericho Power LLC (Interconnection Customer)  
By: Palmer Management Corporation, its Manager**

Name: \_\_\_\_\_  
By: Gordon L. Deane

Title: President

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

**ISO New England Inc (System Operator)**

Name: \_\_\_\_\_  
  
Stephen J. Rourke

Title: Vice President, System Planning

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



The City of Berlin  
Code Enforcement  
Zoning Officer

Joseph G. Martin 168 Main Street, Berlin, NH 03570  
603-752-1630, fax 603-752-8553, email ioegmartin@verizon.net

**Notice of ZBA Decision**

October 10, 2013

Jericho Power LLC  
c/o Palmer Management Corporation  
13 Elm Street, Suite 200  
Cohasset, MA 02025

RE: Your request for an Amendment to a previous Variance, case 09; and Amendment to a previous Special Exception, case # 10

Case 09-13- The Berlin Zoning Board of Adjustment, at its meeting of October 3, 2013, and after due diligence in a public hearing, completed its consideration of your application for an Amendment to a Variance, approved April, 2009. The request, presented by Palmer Management Corporation, would allow a wind energy facility, consistent with current Variance, but with fewer turbine towers and increase the height to 500 feet each. The subject property is located in a Rural Residential Zone. The request was approved. Mr. Boucher moved to grant the variance to allow three wind turbines, each at 500 feet in tip height; Mr. LaPuma seconded and the motion was unanimously approved. A roll call vote was taken as follows:

Tremaine: Yes      LaPuma: Yes      Caron: Yes      Boucher: Yes

Case 10-13- The Zoning Board also completed its consideration for case # 10-13, a request for an Amendment to a previous Special Exception, approved April, 2009. The request, presented by Palmer Management Corporation would allow a wind energy facility. The request was approved. Mr. Tremaine moved to amend Condition 1 of the special exception granted in June of 2009 any new transmission lines will be underground until they reach the existing transmission line poles on the property; and the decommissioning plan will be consistent with the language in Condition 6 of the Planning Board decision of June 2, 2009; Mr. LaPuma seconded and the motion carried unanimously.

Please be advised that under RSA 677:4 any person aggrieved by any order or decision of the zoning board of adjustment or any decision of the local legislative body may apply, by petition, to the superior court within thirty (30) days after the date upon which the board voted to deny the motion for a rehearing.

Greg Estrella  
Vice Chairman

cc: Chair Hoyt  
Building Inspector  
GE/aef



### **Notice of Berlin Planning Board Decision**

On **October 1, 2013**, the Berlin Planning Board voted to amend the approval for **Site Plan - Wind Towers on Jericho Mountain**, previously approved on **June 2, 2009** and **amended on June 5, 2012**, and previously submitted to the Berlin Planning Board by **Jericho Mountain Wind Company**, for property at **Tax Map 410 Lot 5 located off NH Route 110**. Any conditions to which the plan is subject are listed below:

***AMENDMENT #1 - June 5, 2012, approval recognizes Jericho Power, LLC, project owner as the owner of this approval. Property is still owned by Jericho Mountain Wind Company. All previous conditions attached to the project in 2009 are still in effect.***

***AMENDMENT #2 - October 1, 2013, amended approval amends previously approved conditions # 2, # 4 and # 5 now worded as follows:***

**2. Approval is for three towers, the towers are not to exceed 500 feet in height, all parts stationary or moving included**

**4. Condition is no longer required & void as the applicant will be in compliance with the setbacks for the zone as listed in the Zoning Ordinance.**

**5. Any legal access issues must be worked out and the details of how legal access will be gained to the property will be submitted to the Planning Department and placed on file**

#### **ORIGINAL APPROVAL**

- 1. Applicant must receive approval from the Zoning Board of Adjustment:**
- 2. Approval is for four towers, the towers are not to exceed 400 feet in height, all parts stationary or moving included:**
- 3. Letter of approval/consent from the FAA must be filed with the Planning Department:**
- 4. The entire perimeter setback is 100 feet, which is greater than the current setbacks for the Rural Residential Zone:**
- 5. Any access issues over St. Laurent Lane must be worked out with the Berlin**

**Water Works and a letter must be placed on file with the Planning Department:**

- 6. A decommissioning plan will be executed that will include the removal of towers, foundations, and utilities. It will also include returning the site to pre-existing conditions should the project cease. The form of the plan (either by bond, letter of credit, insurance, etc.) shall be agreed upon by the City through its attorney.**

Signed:

Ernest F. Allain  
Planning Board Chairperson

10/1/2013  
Date

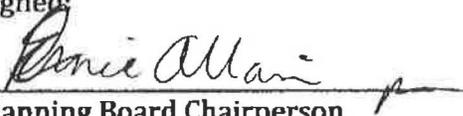


### **Notice of Berlin Planning Board Decision**

On **March 4, 2014**, the Berlin Planning Board voted to approve the application for **Site Plan - Jericho Mountain Wind Phase II**, submitted to the Berlin Planning Board by **Jericho Power LLC/Allen Bouthillier**, for property at **Tax Map 407, Map 9.01 and Tax Map 410, Map 3; located off NH Route 110**. Any conditions to which the plan is subject are listed below:

1. **Three towers with a maximum height of 500 feet, all parts moving and stationary included.**
2. **FAA permit and any other Federal and State permits will be copied to the City and placed on file with the Planning Department.**
3. **A decommissioning plan will be executed that will include the removal of towers, foundations, and utilities. It will also include returning the site to pre-existing conditions should the project cease. The form of the plan (either by bond, letter of credit, insurance, etc.,) shall be agreed upon by the City through its attorney.**

Signed:

  
\_\_\_\_\_  
Planning Board Chairperson

3/4/2014  
\_\_\_\_\_  
Date



The City of Berlin  
Code Enforcement  
Zoning Officer

Joseph G. Martin 168 Main Street, Berlin, NH 03570  
603-752-1630. fax 603-752-8553. email ioegmartin@verizon.net

**Notice of ZBA Decision**

Jericho Power, LLC  
c/o Palmer Management Corporation  
13 Elm Street, Suite 200  
Cohasset MA 02025

March 6, 2014

RE: Your request for a Variance, case 01-14, Cases 02 & 03- 14 Special Exceptions

The Berlin Zoning Board of Adjustment, at its meeting of February 26, and after due diligence in a public hearing, completed its consideration of your application for a Variance, case # 01-14, the request would allow three wind turbines (less than 500 feet each to tip of the blades) and associated infrastructure. The request comes under Article XIX, Section 17-202.2 of the Berlin Zoning Ordinance. A motion was made by Mr. Tremaine to grant the variance for height as presented by Jericho Power, seconded by Mr. Estrella and a roll call vote was taken with all members voting in the affirmative.

The Berlin Zoning Board of Adjustment also heard two Special Exceptions, Case #02-14 and 03-14. Case 02-14 would allow towers in a Rural Residential Zone, and comes under Article V, Section 17.52. A motion was made by Mr. Morin to approve the Special Exception request as presented related to allowing towers in the Rural Residential Zone. The motion was seconded by Mr. Tremaine. The motion passed.

The final case, 03-14 would allow a wind energy facility, and comes under Article II, Section 17-24 of the Berlin Zoning Ordinance. Mr. Tremaine made a motion to approve the Special Exception for a wind energy facility as presented, seconded by Mr. Estrella, no opposition and the motion passed.

Please be advised that under RSA 677:4 any person aggrieved by any order or decision of the zoning board of adjustment or any decision of the local legislative body may apply, by petition, to the superior court within thirty (30) days after the date upon which the board voted to deny the motion for a rehearing.

  
Reverend Dana Hoyt  
Chairman

cc: Chair Hoyt  
Building Inspector  
Bouthillier

DH/aef



Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2015-WTE-6183-OE  
Prior Study No.  
2012-WTE-6628-OE

Issued Date: 09/29/2015

Andrew Young  
Atlantic Design Engineering, LLC.  
39 Pleasant Street  
Sagamore Beach, MA 02561

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

|            |   |
|------------|---|
| Structure: | Wind Turbine Turbine 1  |
| Location:  | Berlin, NH  |
| Latitude:  | 44-28-08.25N NAD 83   |
| Longitude: | 71-13-32.39W  |
| Heights:   | 2203 feet site elevation (SE)<br>448 feet above ground level (AGL)<br>2651 feet above mean sea level (AMSL) |

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked/lighted utilizing white paint/synchronized red lights - Chapters 4,12&13(Turbines).

**See attachment for additional condition(s) or information.**

Any height exceeding 448 feet above ground level (2651 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

Additional wind turbines or met towers proposed in the future may cause a cumulative effect on the national airspace system. This determination is based, in part, on the foregoing description which includes specific coordinates and heights . Any changes in coordinates will void this determination. Any future construction or alteration requires separate notice to the FAA.

Obstruction marking and lighting recommendations for wind turbine farms are based on the scheme for the entire project. ANY change to the height, location or number of turbines within this project will require a reanalysis of the marking and lighting recommendation for the entire project. In particular, the removal of previously planned or built turbines/turbine locations from the project will often result in a change in the marking/lighting recommendation for other turbines within the project. It is the proponent's responsibility to contact the FAA to discuss the process for developing a revised obstruction marking and lighting plan should this occur.

In order to ensure proper conspicuity of turbines at night during construction, all turbines should be lit with temporary lighting once they reach a height of 200 feet or greater until such time the permanent lighting configuration is turned on. As the height of the structure continues to increase, the temporary lighting should be relocated to the uppermost part of the structure. The temporary lighting may be turned off for periods when they would interfere with construction personnel. If practical, permanent obstruction lights should be installed and operated at each level as construction progresses. An FAA Type L-810 steady red light fixture shall be used to light the structure during the construction phase. If power is not available, turbines shall be lit with self-contained, solar powered LED steady red light fixture that meets the photometric requirements of an FAA Type L-810 lighting system. The lights should be positioned to ensure that a pilot has an unobstructed view of at least one light at each level. The use of a NOTAM (D) to not light turbines within a project until the entire project has been completed is prohibited.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-WTE-6183-OE.

**Signature Control No: 266908766-267184239**

( DNE -WT )

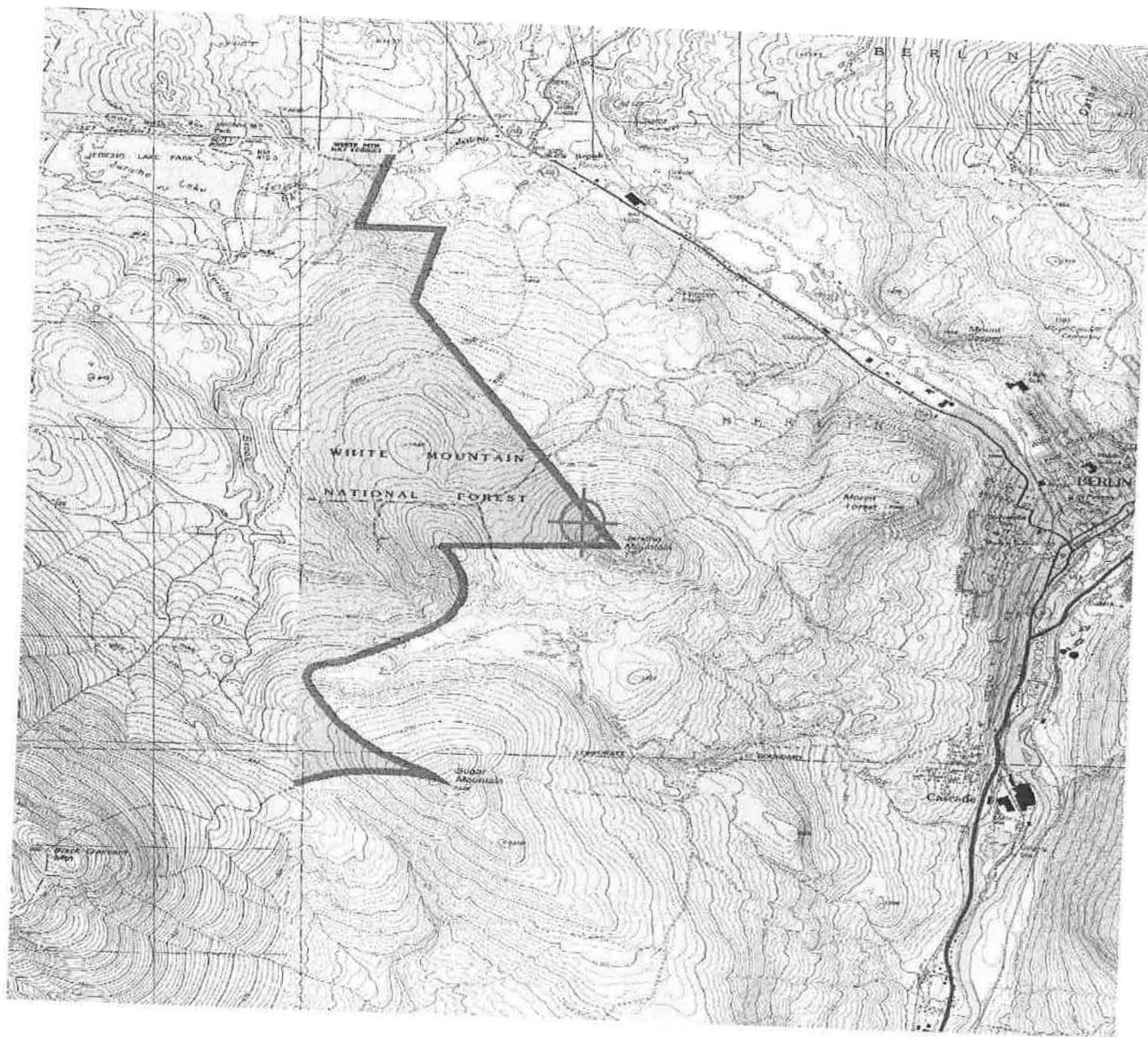
Cindy Whitten  
Specialist

Attachment(s)  
Additional Information  
Map(s)

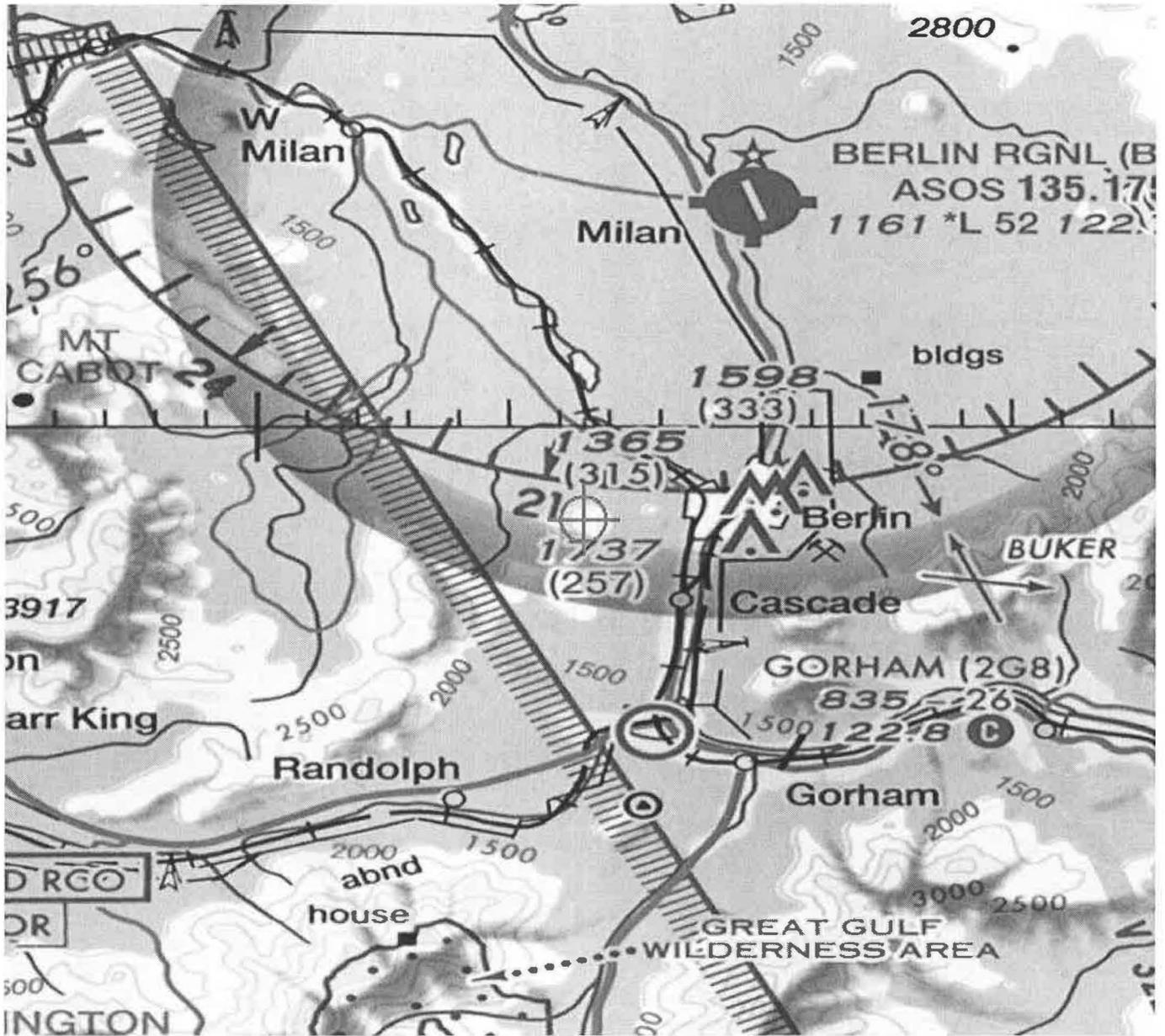
**Additional information for ASN 2015-WTE-6183-OE**

This is now an existing Wind Turbine and it does have White Paint and Synchronized Red Lights.

TOPO-Map for ASN 2015-WTE-6183-OE



Sectional Map for ASN 2015-WTE-6183-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2015-WTE-6184-OE  
Prior Study No.  
2012-WTE-6629-OE

Issued Date: 09/29/2015

Andrew Young  
Atlantic Design Engineering, LLC.  
39 Pleasant Street  
Sagamore Beach, MA 02561

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

|            |   |
|------------|---|
| Structure: | Wind Turbine Jericho Mtn. - Turbine 2   |
| Location:  | Berlin, NH  |
| Latitude:  | 44-28-00.15N NAD 83   |
| Longitude: | 71-13-31.09W  |
| Heights:   | 2204 feet site elevation (SE)<br>448 feet above ground level (AGL)<br>2652 feet above mean sea level (AMSL) |

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked/lighted utilizing white paint/synchronized red lights - Chapters 4,12&13(Turbines).

**See attachment for additional condition(s) or information.**

Any height exceeding 448 feet above ground level (2652 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

Additional wind turbines or met towers proposed in the future may cause a cumulative effect on the national airspace system. This determination is based, in part, on the foregoing description which includes specific coordinates and heights . Any changes in coordinates will void this determination. Any future construction or alteration requires separate notice to the FAA.

Obstruction marking and lighting recommendations for wind turbine farms are based on the scheme for the entire project. ANY change to the height, location or number of turbines within this project will require a reanalysis of the marking and lighting recommendation for the entire project. In particular, the removal of previously planned or built turbines/turbine locations from the project will often result in a change in the marking/lighting recommendation for other turbines within the project. It is the proponent's responsibility to contact the FAA to discuss the process for developing a revised obstruction marking and lighting plan should this occur.

In order to ensure proper conspicuity of turbines at night during construction, all turbines should be lit with temporary lighting once they reach a height of 200 feet or greater until such time the permanent lighting configuration is turned on. As the height of the structure continues to increase, the temporary lighting should be relocated to the uppermost part of the structure. The temporary lighting may be turned off for periods when they would interfere with construction personnel. If practical, permanent obstruction lights should be installed and operated at each level as construction progresses. An FAA Type L-810 steady red light fixture shall be used to light the structure during the construction phase. If power is not available, turbines shall be lit with self-contained, solar powered LED steady red light fixture that meets the photometric requirements of an FAA Type L-810 lighting system. The lights should be positioned to ensure that a pilot has an unobstructed view of at least one light at each level. The use of a NOTAM (D) to not light turbines within a project until the entire project has been completed is prohibited.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-WTE-6184-OE.

**Signature Control No: 266909275-267184241**

( DNE -WT )

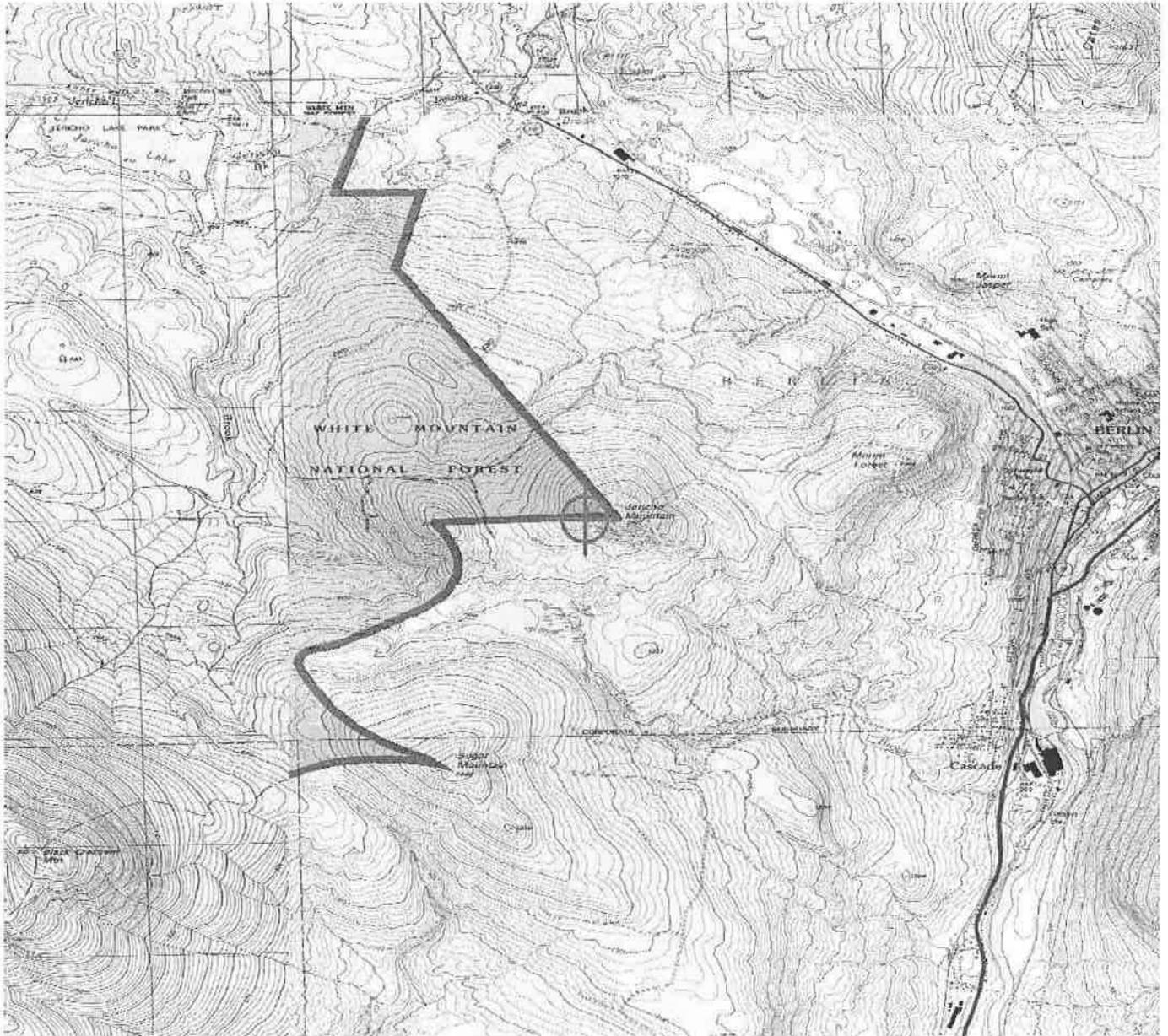
Cindy Whitten  
Specialist

Attachment(s)  
Additional Information  
Map(s)

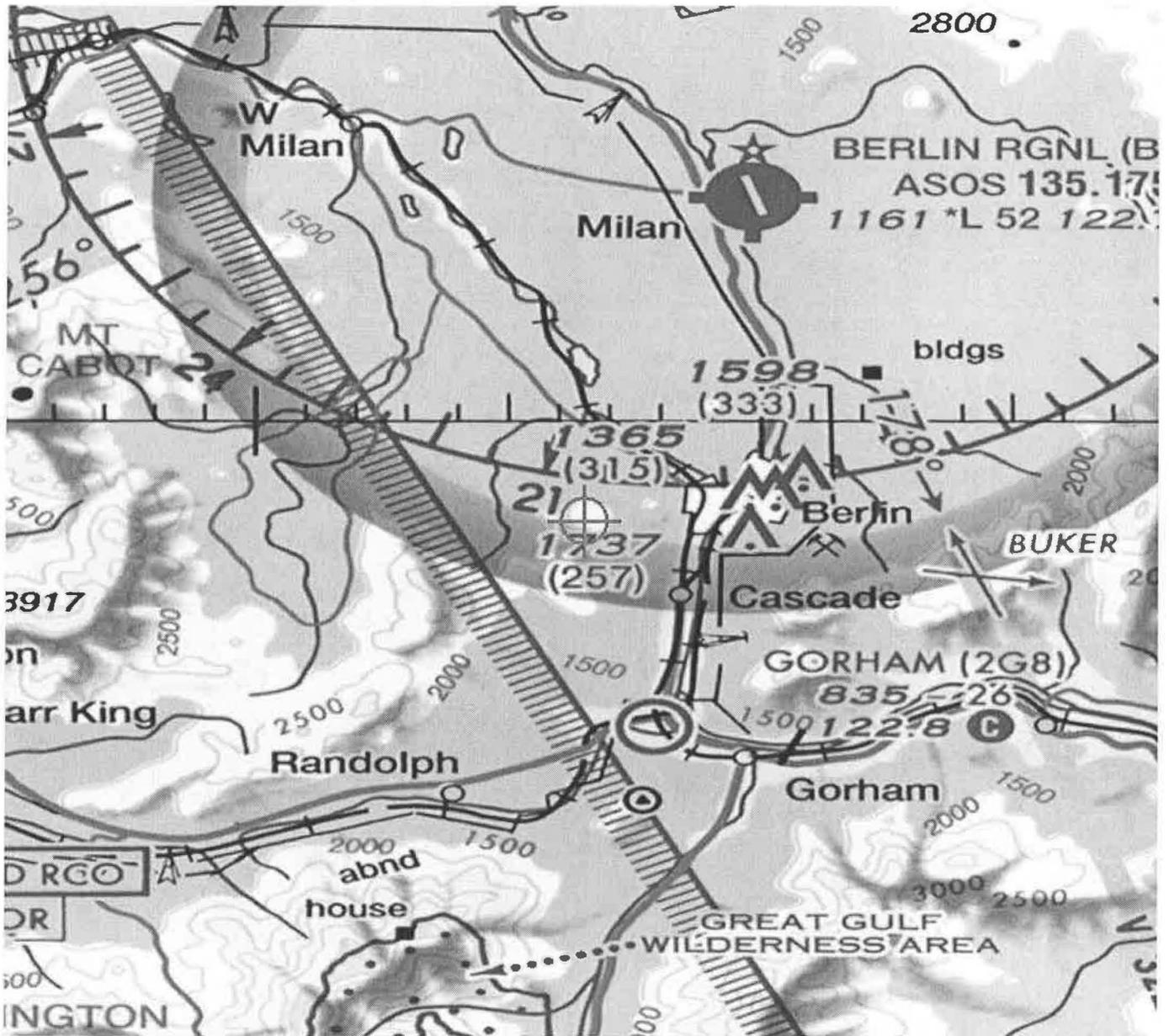
**Additional information for ASN 2015-WTE-6184-OE**

This is now an existing Wind Turbine and it does have White Paint and Synchronized Red Lights.

TOPO Map for ASN 2015-WTE-6184-OE



Sectional Map for ASN 2015-WTE-6184-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2015-WTE-6185-OE  
Prior Study No.  
2012-WTE-6630-OE

Issued Date: 09/29/2015

Andrew Young  
Atlantic Design Engineering, LLC.  
39 Pleasant Street  
Sagamore Beach, MA 02561

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

|            |   |
|------------|---|
| Structure: | Wind Turbine Jericho Mtn. - Turbine 3   |
| Location:  | Berlin, NH  |
| Latitude:  | 44-28-11.40N NAD 83   |
| Longitude: | 71-13-23.32W  |
| Heights:   | 2204 feet site elevation (SE)<br>448 feet above ground level (AGL)<br>2652 feet above mean sea level (AMSL) |

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked/lighted utilizing white paint only - Chapters 12&13(Turbines).

**See attachment for additional condition(s) or information.**

Any height exceeding 448 feet above ground level (2652 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

Additional wind turbines or met towers proposed in the future may cause a cumulative effect on the national airspace system. This determination is based, in part, on the foregoing description which includes specific coordinates and heights . Any changes in coordinates will void this determination. Any future construction or alteration requires separate notice to the FAA.

Obstruction marking and lighting recommendations for wind turbine farms are based on the scheme for the entire project. ANY change to the height, location or number of turbines within this project will require a reanalysis of the marking and lighting recommendation for the entire project. In particular, the removal of previously planned or built turbines/turbine locations from the project will often result in a change in the marking/lighting recommendation for other turbines within the project. It is the proponent's responsibility to contact the FAA to discuss the process for developing a revised obstruction marking and lighting plan should this occur.

In order to ensure proper conspicuity of turbines at night during construction, all turbines should be lit with temporary lighting once they reach a height of 200 feet or greater until such time the permanent lighting configuration is turned on. As the height of the structure continues to increase, the temporary lighting should be relocated to the uppermost part of the structure. The temporary lighting may be turned off for periods when they would interfere with construction personnel. If practical, permanent obstruction lights should be installed and operated at each level as construction progresses. An FAA Type L-810 steady red light fixture shall be used to light the structure during the construction phase. If power is not available, turbines shall be lit with self-contained, solar powered LED steady red light fixture that meets the photometric requirements of an FAA Type L-810 lighting system. The lights should be positioned to ensure that a pilot has an unobstructed view of at least one light at each level. The use of a NOTAM (D) to not light turbines within a project until the entire project has been completed is prohibited.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-WTE-6185-OE.

**Signature Control No: 266910108-267184641**

( DNE -WT )

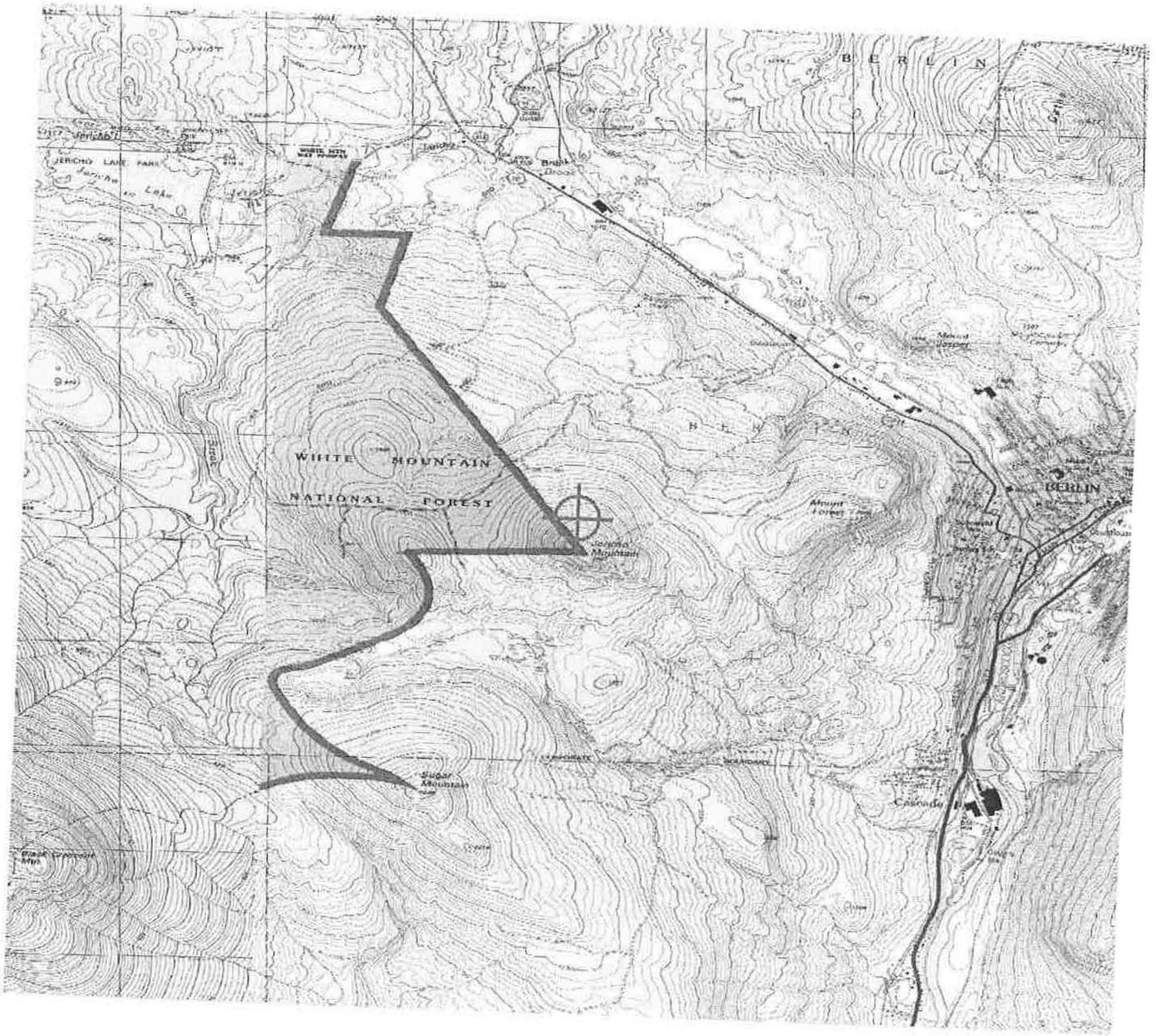
Cindy Whitten  
Specialist

Attachment(s)  
Additional Information  
Map(s)

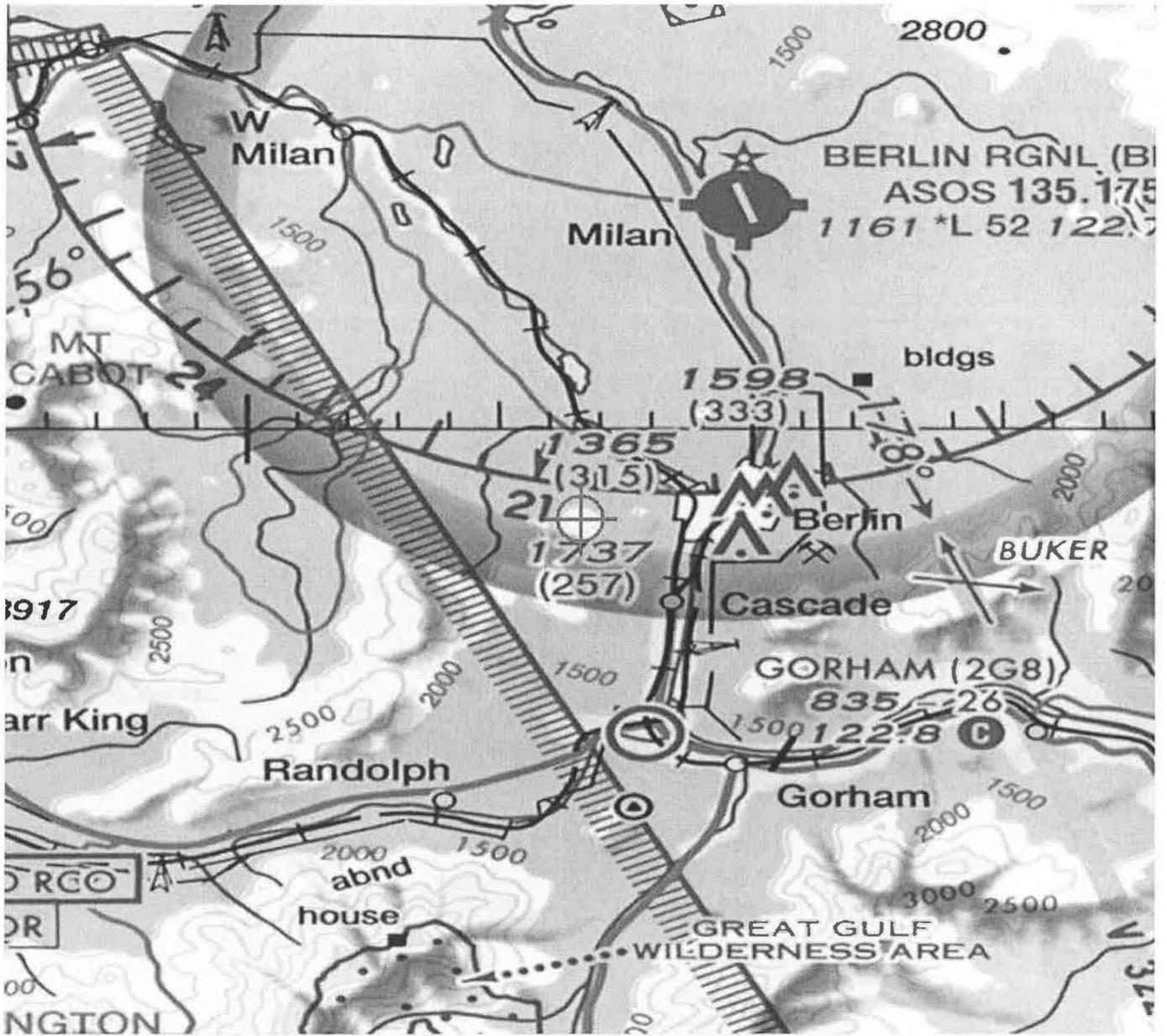
**Additional information for ASN 2015-WTE-6185-OE**

This is now an existing wind turbine with white paint only.

TOPO Map for ASN 2015-WTE-6185-OE



Sectional Map for ASN 2015-WTE-6185-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2014-WTE-728-OE

Issued Date: 09/30/2015

Andrew Young  
Atlantic Design Engineering, LLC.  
39 Pleasant Street  
Sagamore Beach, MA 02561

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\* (CORRECTION)**

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

|            |   |
|------------|---|
| Structure: | Wind Turbine Jericho Mtn. - Turbine 4   |
| Location:  | Berlin, NH  |
| Latitude:  | 44-28-16.30N NAD 83   |
| Longitude: | 71-13-14.60W  |
| Heights:   | 2096 feet site elevation (SE)<br>448 feet above ground level (AGL)<br>2544 feet above mean sea level (AMSL) |

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked/lighted utilizing white paint/synchronized red lights - Chapters 4,12&13(Turbines).

**See attachment for additional condition(s) or information.**

Any height exceeding 448 feet above ground level (2544 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

Additional wind turbines or met towers proposed in the future may cause a cumulative effect on the national airspace system. This determination is based, in part, on the foregoing description which includes specific coordinates and heights . Any changes in coordinates will void this determination. Any future construction or alteration requires separate notice to the FAA.

Obstruction marking and lighting recommendations for wind turbine farms are based on the scheme for the entire project. ANY change to the height, location or number of turbines within this project will require a reanalysis of the marking and lighting recommendation for the entire project. In particular, the removal of previously planned or built turbines/turbine locations from the project will often result in a change in the marking/lighting recommendation for other turbines within the project. It is the proponent's responsibility to contact the FAA to discuss the process for developing a revised obstruction marking and lighting plan should this occur.

In order to ensure proper conspicuity of turbines at night during construction, all turbines should be lit with temporary lighting once they reach a height of 200 feet or greater until such time the permanent lighting configuration is turned on. As the height of the structure continues to increase, the temporary lighting should be relocated to the uppermost part of the structure. The temporary lighting may be turned off for periods when they would interfere with construction personnel. If practical, permanent obstruction lights should be installed and operated at each level as construction progresses. An FAA Type L-810 steady red light fixture shall be used to light the structure during the construction phase. If power is not available, turbines shall be lit with self-contained, solar powered LED steady red light fixture that meets the photometric requirements of an FAA Type L-810 lighting system. The lights should be positioned to ensure that a pilot has an unobstructed view of at least one light at each level. The use of a NOTAM (D) to not light turbines within a project until the entire project has been completed is prohibited.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2014-WTE-728-OE.

**Signature Control No: 208068045-267330850**

Cindy Whitten  
Specialist

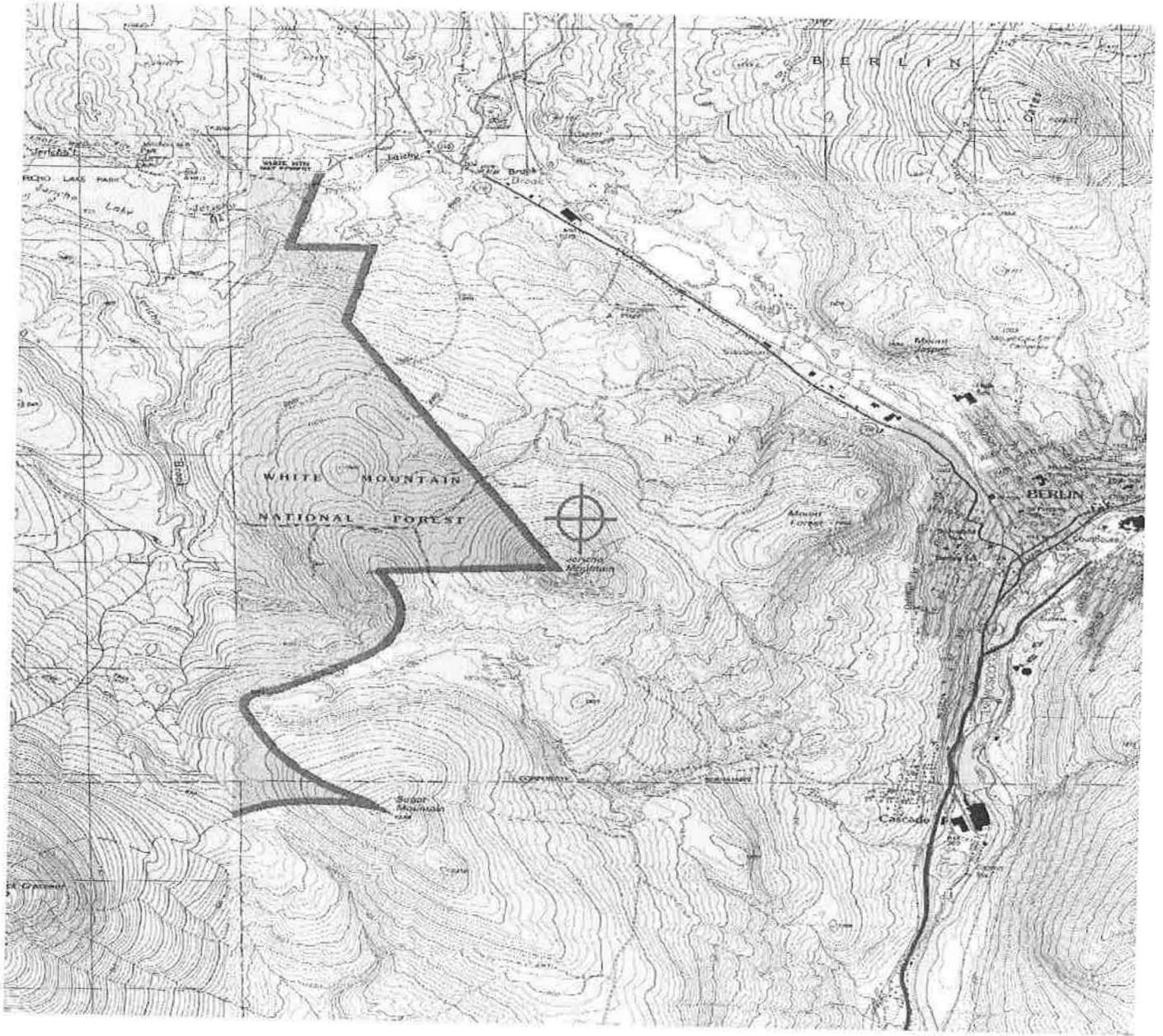
( DNE -WT )

Attachment(s)  
Additional Information  
Map(s)

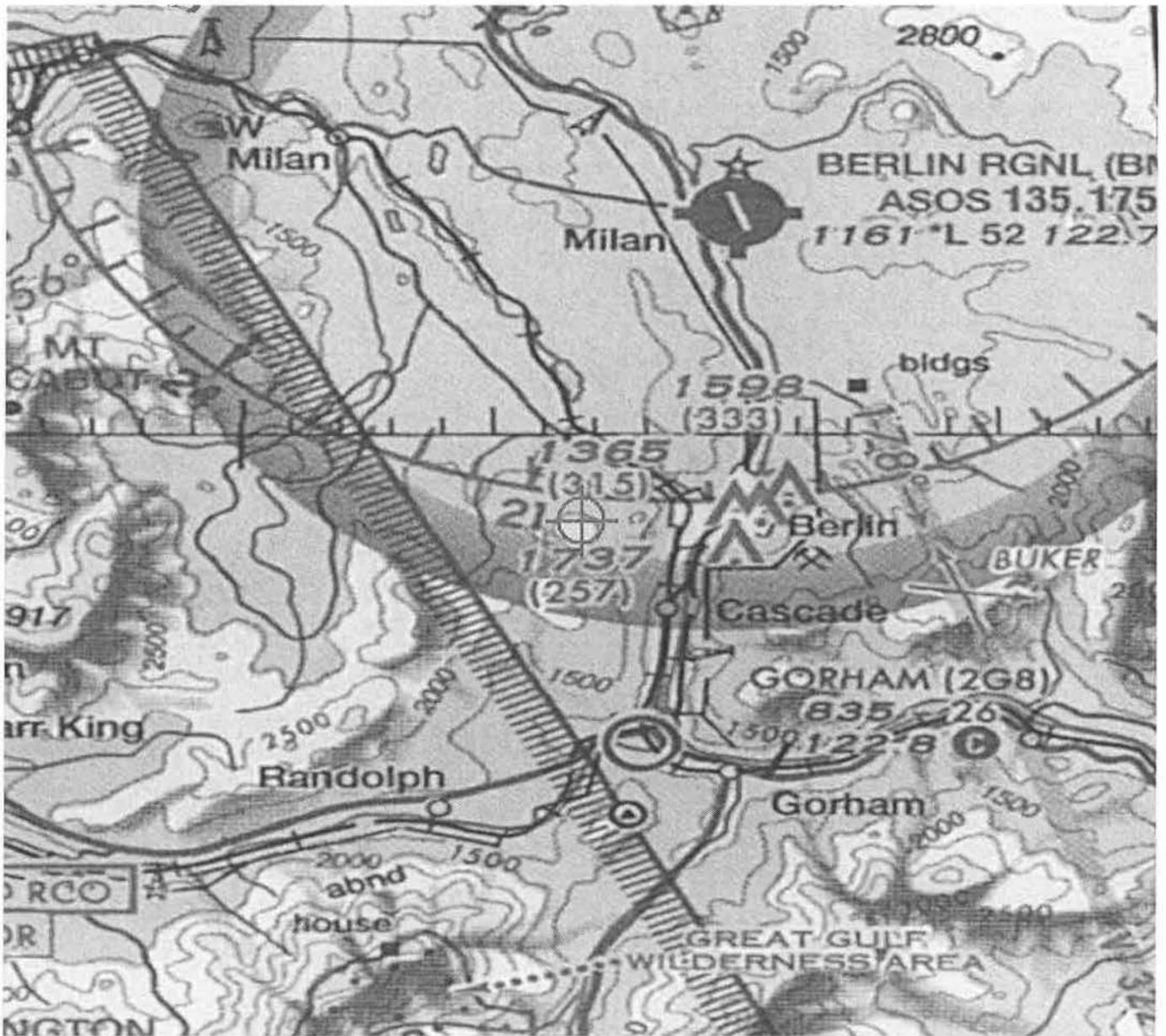
**Additional information for ASN 2014-WTE-728-OE**

This is an existing wind turbine with synchronized red lights and white paint.

TOPO Map for ASN 2014-WTE-728-OE



Sectional Map for ASN 2014-WTE-728-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
10101 Hillwood Parkway  
Fort Worth, TX 76177

Aeronautical Study No.  
2015-WTE-6186-OE  
Prior Study No.  
2014-WTE-729-OE

Issued Date: 09/29/2015

Andrew Young  
Atlantic Design Engineering, LLC.  
39 Pleasant Street  
Sagamore Beach, MA 02561

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Wind Turbine Turbine 5  
Location: Berlin, NH  
Latitude: 44-27-58.68N NAD 83  
Longitude: 71-13-09.11W  
Heights: 2295 feet site elevation (SE)  
448 feet above ground level (AGL)  
2743 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should continue to be marked/lighted utilizing white paint/synchronized red lights - Chapters 4,12&13(Turbines).

**See attachment for additional condition(s) or information.**

Any height exceeding 448 feet above ground level (2743 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

Additional wind turbines or met towers proposed in the future may cause a cumulative effect on the national airspace system. This determination is based, in part, on the foregoing description which includes specific coordinates and heights . Any changes in coordinates will void this determination. Any future construction or alteration requires separate notice to the FAA.

Obstruction marking and lighting recommendations for wind turbine farms are based on the scheme for the entire project. ANY change to the height, location or number of turbines within this project will require a reanalysis of the marking and lighting recommendation for the entire project. In particular, the removal of previously planned or built turbines/turbine locations from the project will often result in a change in the marking/lighting recommendation for other turbines within the project. It is the proponent's responsibility to contact the FAA to discuss the process for developing a revised obstruction marking and lighting plan should this occur.

In order to ensure proper conspicuity of turbines at night during construction, all turbines should be lit with temporary lighting once they reach a height of 200 feet or greater until such time the permanent lighting configuration is turned on. As the height of the structure continues to increase, the temporary lighting should be relocated to the uppermost part of the structure. The temporary lighting may be turned off for periods when they would interfere with construction personnel. If practical, permanent obstruction lights should be installed and operated at each level as construction progresses. An FAA Type L-810 steady red light fixture shall be used to light the structure during the construction phase. If power is not available, turbines shall be lit with self-contained, solar powered LED steady red light fixture that meets the photometric requirements of an FAA Type L-810 lighting system. The lights should be positioned to ensure that a pilot has an unobstructed view of at least one light at each level. The use of a NOTAM (D) to not light turbines within a project until the entire project has been completed is prohibited.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

This determination cancels and supersedes prior determinations issued for this structure.

If we can be of further assistance, please contact our office at (816) 329-2528. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-WTE-6186-OE.

**Signature Control No: 266911039-267184240**

( DNE -WT )

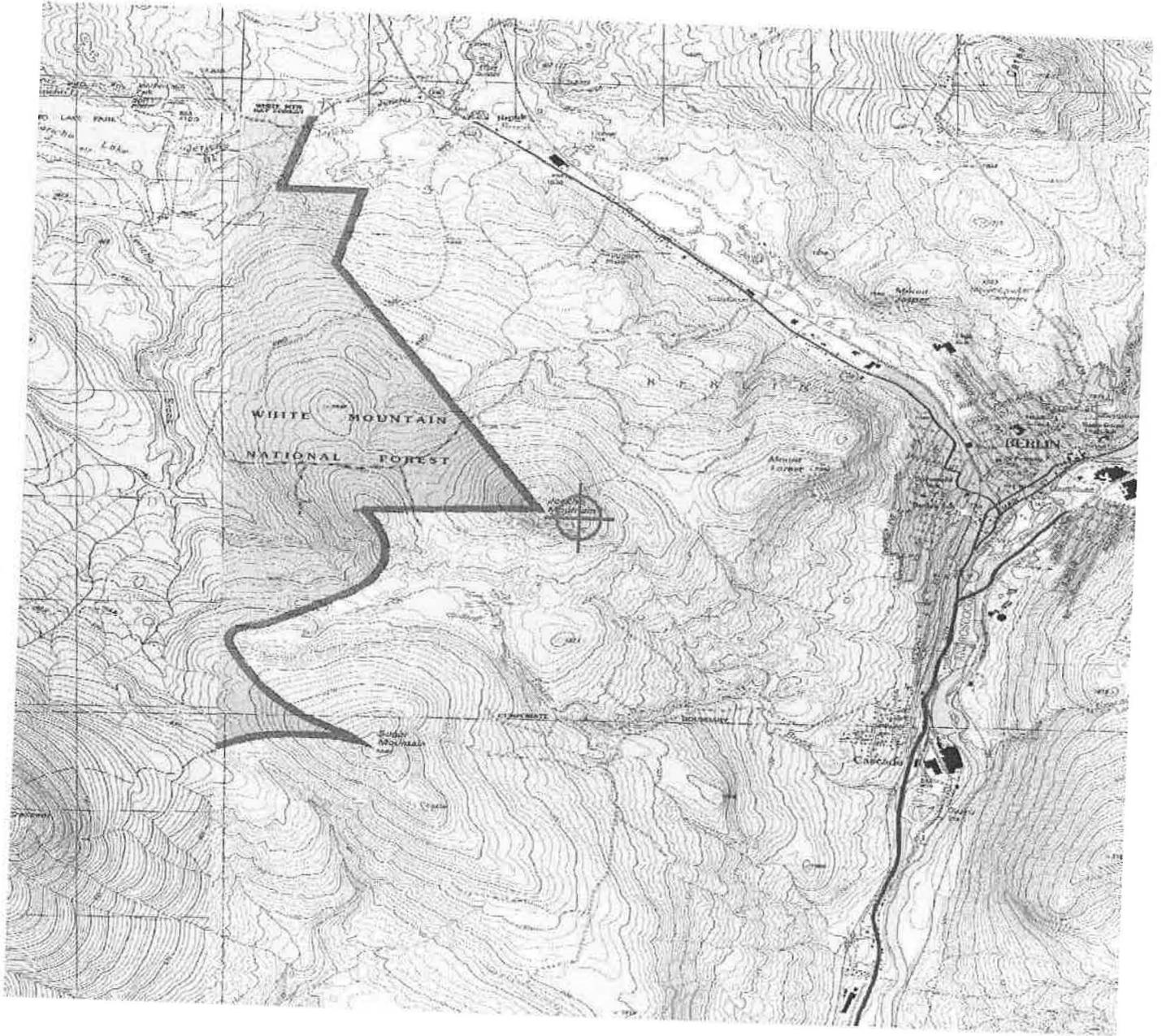
Cindy Whitten  
Specialist

Attachment(s)  
Additional Information  
Map(s)

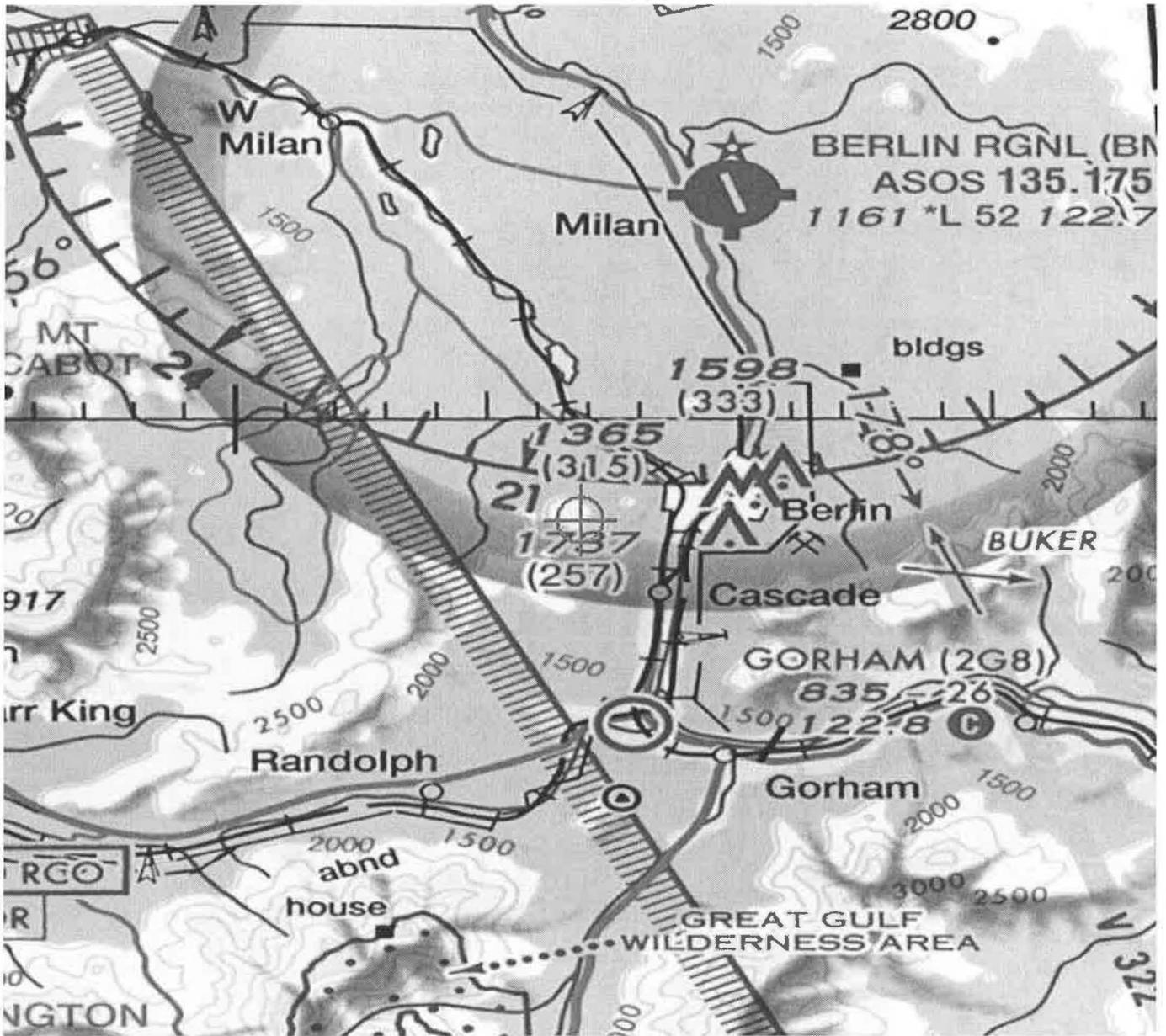
**Additional information for ASN 2015-WTE-6186-OE**

This is now an existing Wind Turbine and it does have White Paint and Synchronized Red Lights.

TOPO Map for ASN 2015-WTE-6186-OE



Sectional Map for ASN 2015-WTE-6186-OE



## Mark Hillinger

---

**From:** James Webb <jwebb@apx.com>  
**Sent:** Monday, October 26, 2015 2:05 PM  
**To:** Lindsay Deane-Mayer; Bao Ngo  
**Subject:** RE: Jericho Power NEPOOL GIS

Hi Lindsay, settlement generators have a MSS prefix, while behind the meter generators have NON prefix. It very likely possible the NH PUC did a search for 43580 and came across the NON behind the meter asset ID with the same numeric ID. We will not be able to deactivate or re-assign the existing NON behind the meter ID, so the NH PUC will need to be careful to appropriately reference MSS vs. NON.

Regarding the initial meter data, you will need to check in with the ISO-NE as to if they will be sending over pre-COD meter data. If the ISO-NE sends us the meter data in their monthly file (whether it's pre or post-COD), then that data will issue RECs in the NEPOOL GIS.

James Webb  
408.517.2174  
[jwebb@apx.com](mailto:jwebb@apx.com)

---

**From:** Lindsay Deane-Mayer [<mailto:lindsay@palmcap.com>]  
**Sent:** Monday, October 26, 2015 10:38 AM  
**To:** James Webb; Bao Ngo  
**Subject:** RE: Jericho Power NEPOOL GIS

James,

Thank you for your reply. To confirm, our ISO-NE # (Asset ID) is the same as our NEPOOL GIS ID but with MSS? (##### → MSS#####)

GIS Facility Code #                MSS 43580                Asset ID #                43580          

Also, when the NHPUC pulled our generator location there appears to be an old and unaffiliated generator that appears for the site. Since that project is decommissioned, is there any method to remove (or deprioritize) it to avoid this confusion?

If the project is online but has not declared COD with ISO-NE yet, can it still receive credit for the RECs it's generating from initial synch to COD?

Thanks,  
Lindsay

---

**From:** James Webb [<mailto:jwebb@apx.com>]  
**Sent:** Monday, October 26, 2015 1:32 PM  
**To:** Lindsay Deane-Mayer; Bao Ngo  
**Subject:** RE: Jericho Power NEPOOL GIS

Hello Lindsay, generally speaking, the ISO-NE will send the GIS your generator registration about 15 days after the close of the initial generating month. So if the generator went online in October, we should receive the generator registration from the ISO-NE on or around November 15<sup>th</sup>.

Once we receive the generator registration, it will display in your Jericho Power account for your review and completion. You will need to fill in basic information like location, nameplate capacity, fuel type, ect. If the generator is RPS qualified in any states, please email over any documentation you may have. We will review your generator registration and approve it.

The NEPOOL GIS asset ID will be the same ID used in the ISO-NE settlement system, but with a "MSS" prefix. Let me know if you have further questions.

James Webb  
408.517.2174  
[jwebb@apx.com](mailto:jwebb@apx.com)

---

**From:** Lindsay Deane-Mayer [<mailto:lindsay@palmcap.com>]  
**Sent:** Monday, October 26, 2015 8:39 AM  
**To:** Bao Ngo  
**Cc:** James Webb  
**Subject:** RE: Jericho Power NEPOOL GIS

Bao,

Thank you for your call last week and for offering to follow up with James. Let me know if you or James are available to provide additional guidance through the registration process.

Best,  
Lindsay

---

**From:** Lindsay Deane-Mayer  
**Sent:** Friday, October 23, 2015 9:55 AM  
**To:** 'bngo@apx.com'  
**Subject:** FW: Jericho Power NEPOOL GIS

Bao,

I received James's out of office... Please let me know if you can provide assistance regarding my inquiries below.

Best,  
Lindsay

---

**From:** Lindsay Deane-Mayer  
**Sent:** Friday, October 23, 2015 9:51 AM  
**To:** 'jwebb@apx.com'  
**Subject:** Jericho Power NEPOOL GIS

James,

Could you please provide guidance on where I can determine our GIS Facility Code #, Asset ID #, and MW registered for the Jericho Power project? Also, will the generator become visible once the project comes online through ISO-NE? I appreciate your guidance and please feel free to call if this would be easier to discuss on a call.

Thank you,

Lindsay Deane-Mayer  
Palmer Capital Corporation  
Palmer Management Corporation  
13 Elm Street, Suite 200  
Cohasset, MA 02025  
Tel: 781-383-3200  
Fax: 781-383-3205  
Email: [Lindsay@palmcap.com](mailto:Lindsay@palmcap.com)  
<http://palmcap.com>