

State of New Hampshire  
**Site Evaluation Committee**

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October 7, 2015

Scott F. Eaton, Director  
Administrative Rules Division  
Office of Legislative Services  
State House Annex, Room 219  
25 Capitol Street  
Concord, NH 03301

**Re: Notice No. 2015-12 - Final Proposal Re-Filing  
Site 205 and Site 300 - Explanation of Proposed Rule and Certificates  
of Site and Facility Rules of the Site Evaluation Committee  
SEC Docket No. 2014-04**

Dear Attorney Eaton:

On January 26, 2015, the Site Evaluation Committee filed a rulemaking notice with respect to the readoption of Site 205, its rule regarding explanation of proposed rule, and the readoption with amendments of Site 300, its rules regarding certificates of site and facility. On January 30, 2015, a corrected version of the initial proposal was filed with the Office of Legislative Services.

A public hearing on the Initial Proposal was held on March 4, 2015, pursuant to RSA 541-A:11, and written comments were received through March 23, 2015. Public comments were received from a broad and diverse number of interested stakeholders representing environmental organizations, advocacy groups, business and trade associations, labor unions, energy developers, concerned citizens, and others.

By letter dated July 6, 2015, the Committee requested an extension of the deadline for filing the Final Proposal, citing a recent legislative amendment extending the deadline for completion of the rulemaking process until November 1, 2015 and noting the further opportunity the deadline extension would allow for public input in the rulemaking process. On July 7, 2015, the Office of Legislative Services confirmed approval of the requested extension of the Final Proposal filing deadline until October 5, 2015.

On September 1, 2015, the Committee filed a Draft Final Proposal reflecting revisions to the Initial Proposal based on public comments received. A public hearing on the Draft Final Proposal was held on September 15, 2015, and written comments were accepted through September 18, 2015.

On September 29, 2015, the Committee voted to adopt and establish the Final Proposal for readoption of Site 205 and for readoption with amendments of Site 300. On October 6, 2015, the Committee met and voted to establish the final specific language text of the Final Proposal.

The public comments received during the Committee's rulemaking proceeding were extensive and wide-ranging, addressing policy issues, legal considerations, practical concerns, and detailed technical matters. The Committee thoroughly reviewed and evaluated all of the public comments submitted through the rulemaking process and deliberated the relevant issues during a series of public meetings. Numerous significant changes in the proposed rules were made as a result of this review and evaluation.

The text of the Final Proposal represents the Committee's considered judgment of the relevant statutory language and legislative intent, as well as policy determinations based on a balancing of the respective interests of various stakeholder constituencies. The Committee requests that the Joint Legislative Committee on Administrative Rules consider this Final Proposal for approval.

As required by the Rulemaking Manual, enclosed please find one copy of each of the following:

- A completed Appendix II-G Cover Sheet for Final Proposal;
- The established text of the Final Proposed rule as the "Final Proposal-Fixed Text", including the cross-reference table required by RSA 541-A:3-a, II as Appendix A and the incorporation by reference information table as Appendix B;
- The established text of the Final Proposed rule as the "Final Proposal-Annotated"; and
- Completed Appendix II-H Incorporation by Reference Statements.

Consistent with RSA 541-A:10, I and the Committee's filing of the Initial Proposal, electronic copies of the enclosed Final Proposal are being provided to the Chairman of the House Science, Technology and Energy Committee, and to the Chairman of the Senate Energy and Natural Resources Committee, for distribution to members of those standing policy committees.

Thank you in advance for your assistance with this matter.

Sincerely,



Martin P. Honigberg  
Chairman

Attachments  
cc: Service List

APPENDIX II-G

COVER SHEET FOR FINAL PROPOSAL

Notice Number 2015-12 Rule Number Site 205 and Site 300

1. Agency Name & Address: <b>Site Evaluation Committee c/o N. H. Public Utilities Commission 21 South Fruit Street, Suite 10 Concord, NH 03301</b>	2. RSA Authority: <b>RSA 162-H:10, VI and VII</b> 3. Federal Authority: _____ 4. Type of Action: <input type="checkbox"/> Adopt <input type="checkbox"/> Amendment <input type="checkbox"/> Repeal <input checked="" type="checkbox"/> Readoption <input checked="" type="checkbox"/> Readoption w/amendment
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5. Short Title: **Explanation of Proposed Rule and Certificates of Site and Facility Rules**

6. Contact person for copies and questions:

Name:	<b>David K. Wiesner, Esq.</b>	Title:	<b>NHPUC Staff Attorney</b>
Address:	<b>NH Public Utilities Commission 21 South Fruit Street, Suite 10 Concord NH 03301-2429</b>	Phone #:	<b>603-271-2431</b>

7. Yes ☐ No ☒ Agency requests review by Committee legal staff in the Office of Legislative Services and delayed Committee review pursuant to RSA 541-A:12, I-a.

8. The rulemaking notice appeared in the Rulemaking Register on **February 5, 2015**.

9. Yes ☒ N/A ☐ Agency notified policy committees, or House Speaker and Senate President, pursuant to RSA 541-A:10, I because this is the first time this rule or its amendments have been proposed to implement newly-enacted state authority.

**SEE THE INSTRUCTIONS--PLEASE SUBMIT ONE COPY OF THIS COVER SHEET  
AND ONE COPY OF THE FOLLOWING:  
(optional to number correspondingly)**

10. The "Final Proposal-Fixed Text," including the cross-reference table required by RSA 541-A:3-a, II as an appendix.

11. Yes ☒ N/A ☐ Incorporation by Reference Statement(s) because this rule incorporates a document or Internet content by reference for which an Incorporation by Reference Statement is required pursuant to RSA 541-A:12, III.

12. Yes ☒ N/A ☐ The "Final Proposal-Annotated Text," indicating how the proposed rule was changed because the text of the rule changed from the Initial Proposal pursuant to RSA 541-A:12, II(d).

13. Yes ☐ N/A ☒ The amended fiscal impact statement because the change to the text of the Initial Proposal affects the original fiscal impact statement (FIS) pursuant to RSA 541-A:5, VI.

### INSTRUCTIONS FOR THE COVER SHEET FOR FINAL PROPOSAL

The first and second unnumbered items, and Items 1 through 5, shall be completed with the same information as appeared in the “Rulemaking Notice Form” (Appendix II-C) as published for the Initial Proposal in the Rulemaking Register. Item 6 shall identify the name, title, address, and telephone number of the person in the agency who can answer questions about the proposed rule and supply copies.

The agency shall then indicate, by checking the appropriate box on Item 7, whether it is requesting that it receive and respond to comments of the Committee legal staff prior to the Committee meeting that is at least 28 days, but not more than 60 days, after the proposal is filed. In effect, this would be a request for postponement of Committee action. See RSA 541-A:12, I-a and Section 2.14 of Chapter 3 in the Drafting and Procedure Manual for Administrative Rules (Manual).

In Item 8 the agency shall list the full date, by month, day, and year, on which the “Rulemaking Notice Form” was published in the Rulemaking Register.

In Item 9 the agency shall indicate, by checking either the “Yes” box or the “N/A” (not applicable) box, whether it had notified the House and Senate policy committees, or the House Speaker and Senate President, pursuant to RSA 541-A:10, I because the Initial Proposal was the first time the rule or its amendments had been proposed to implement newly-enacted state authority.

Items 10 through 13 all relate to required attachments to the “Final Proposal Cover Sheet”. PROVIDE ONE COPY OF EVERYTHING SUBMITTED. IT IS OPTIONAL TO NUMBER THEM ACCORDINGLY. Item 10 is required in every filing, and therefore is listed without a check-box. Items 11 through 13 will be required only under the circumstances set forth in the description of the items listed below. The agency shall determine whether such attachment is required and then check either the “Yes” box to indicate that the document is required and has been attached or the “N/A” box if the document is not required and therefore not applicable:

- Item 10. The “Final Proposal—Fixed Text,” required by RSA 541-A:12, II(b). See also Section 2.12 of Chapter 3 in the Manual. Include the cross-reference table required by RSA 541-A:3-a, II as was done for the Initial Proposal. See Section 2.4 of Chapter 3 in the Manual.
- Item 11. An “Incorporation by Reference Statement” (Appendix II-H) if the agency has incorporated a third-party document or Internet content by reference for which such a statement is required pursuant to RSA 541-A: 12, III. See Section 3.12 of Chapter 4 in the Manual.
- Item 12. The text of the final proposal annotated to reflect how the text of the Final Proposal differs from the text of the Initial Proposal, if the text has changed during the public hearing and comment process. See RSA 541-A:12, II(e) and Section 5.4 of Chapter 4 in the Manual.
- Item 13. The amended fiscal impact statement obtained from the Legislative Budget Assistant if, as a result of the public hearing and comment process, a change has been made to the rule which affects the original fiscal impact statement. See RSA 541-A:5, VI and Section 2.11 of Chapter 3 in the Manual.

**Readopt Site 205, effective 6-17-08 (Document #9183-B), to read as follows:**

Site 205 EXPLANATION OF PROPOSED RULE

Site 205.01 Explanation of Proposed Rule.

(a) If requested by an interested person at any time before 30 days after final adoption of a rule, the committee shall issue a written explanation of the rule pursuant to RSA 541-A:11, VII.

(b) An explanation issued pursuant to this section shall include:

- (1) A concise statement of the principal reasons for and against the adoption of the rule in its final form; and
- (2) An explanation of why the committee overruled the arguments and considerations against the rule.

**Readopt with amendments Site 300, effective 6-17-08 (Document #9183-B), to read as follows:**

CHAPTER Site 300 CERTIFICATES OF SITE AND FACILITY

PART Site 301 REQUIREMENTS FOR APPLICATIONS FOR CERTIFICATES

Site 301.01 Filing.

(a) Each applicant for a certificate for an energy facility shall file with the committee one original and 15 paper copies of its application and an electronic version of its application in PDF format, unless otherwise directed by the chairperson or the administrator, after consultation by the chairperson or administrator with state agencies that are required to be provided a copy of the application under this chapter, in order to permit the timely and efficient review and adjudication of the application.

(b) The committee or the administrator shall:

- (1) Acknowledge receipt of an application filed under Site 301.01(a) in writing directed to the applicant;
- (2) Forward a copy of the application and acknowledgment to each member of the committee;
- (3) Forward a copy of the application to each state agency required to receive a copy under Site 301.10(a) and (b); and
- (4) Post a copy of each application on the committee's website.

Site 301.02 Format of Application.

(a) Paper copies of applications shall be prepared on standard 8 ½ x 11 inch sheets, and plans, maps, photosimulations, and other oversized documents shall be folded to that size or rolled and provided in protective tubes. Electronic copies of applications shall be submitted through electronic mail, on compact discs, or in an electronic file format compatible with the computer system of the commission.

(b) Each application shall contain a table of contents.

(c) All information furnished shall appear in the same order as the requirements to provide that information appear in Site 301.03 through 301.09.

(d) If any numbered item is not applicable or the information is not available, an appropriate comment shall be made so that no numbered item shall remain unanswered.

(e) To the extent practicable, copies of applications shall be double-sided.

Site 301.03 Contents of Application.

(a) Each application for a certificate of site and facility for an energy facility shall be signed and sworn to by the person, or by an authorized executive officer of the corporation, company, association, or other organization making such application.

(b) Each application shall include the information contained in this paragraph, and in (c) through (h) below, as follows:

- (1) The name of the applicant;
- (2) The applicant's mailing address, telephone and fax numbers, and e-mail address;

- (3) The name and address of the applicant's parent company, association, or corporation, if the applicant is a subsidiary;
  - (4) If the applicant is a corporation:
    - a. The state of incorporation;
    - b. The corporation's principal place of business; and
    - c. The names and addresses of the corporation's directors, officers, and stockholders;
  - (5) If the applicant is a limited liability company:
    - a. The state of the company's organization;
    - b. The company's principal place of business; and
    - c. The names and addresses of the company's members, managers, and officers;
  - (6) If the applicant is an association, the names and addresses of the residences of the members of the association; and
  - (7) Whether the applicant is or will be the owner or lessee of the proposed facility or has or will have some other legal or business relationship to the proposed facility, including a description of that relationship.
- (c) Each application shall contain the following information with respect to the site of the proposed energy facility and alternative locations the applicant considers available for the proposed facility:
- (1) The location and address of the site of the proposed facility;
  - (2) Site acreage, shown on an attached property map and located by scale on a U.S. Geological Survey or GIS map;
  - (3) The location, shown on a map, of property lines, residences, industrial buildings, and other structures and improvements within the site, on abutting property with respect to the site, and within 100 feet of the site if such distance extends beyond the boundary of any abutting property;
  - (4) Identification of wetlands and surface waters of the state within the site, on abutting property with respect to the site, and within 100 feet of the site if such distance extends beyond the boundary of any abutting property, except if and to the extent such identification is not possible due to lack of access to the relevant property and lack of other sources of the information to be identified;
  - (5) Identification of natural, historic, cultural, and other resources at or within the site, on abutting property with respect to the site, and within 100 feet of the site if such distance extends beyond the boundary of any abutting property, except if and to the extent such identification is not possible due to lack of access to the relevant property and lack of other sources of the information to be identified;
  - (6) Evidence that the applicant has a current right, an option, or other legal basis to acquire the right, to construct, operate, and maintain the facility on, over, or under the site, in the form of:
    - a. Ownership, ground lease, easement, or other contractual right or interest;

b. A license, permit, easement, or other permission from a federal, state, or local government agency, or an application for such a license, permit, easement, or other permission from a state governmental agency that is included with the application; or

c. The simultaneous filing of a federal regulatory proceeding or taking of other action that would, if successful, provide the applicant with a right of eminent domain to acquire control of the site for the purpose of constructing, operating, and maintaining the facility thereon; and

(7) Evidence that the applicant has a current or conditional right of access to private property within the boundaries of the proposed energy facility site sufficient to accommodate a site visit by the committee, which private property, with respect to energy transmission pipelines under the jurisdiction of the Federal Energy Regulatory Commission, may be limited to the proposed locations of all above-ground structures and a representative sample of the proposed locations of underground structures or facilities.

(d) Each application shall include information about other required applications and permits as follows:

(1) Identification of all other federal and state government agencies having permitting or other regulatory authority, under federal or state law, to regulate any aspect of the construction or operation of the proposed energy facility;

(2) Documentation that demonstrates compliance with the application requirements of all such agencies;

(3) A copy of the completed application form for each such agency; and

(4) Identification of any requests for waivers from the information requirements of any state agency or department having permitting or other regulatory authority whether or not such agency or department is represented on the committee.

(e) If the application is for an energy facility, including an energy transmission pipeline, that is not an electric generating facility or an electric transmission line, the application shall include:

(1) The type of facility being proposed;

(2) A description of the process to extract, produce, manufacture, transport or refine the source of energy;

(3) The facility's size and configuration;

(4) The ability to increase the capacity of the facility in the future;

(5) Raw materials used or transported, as follows:

a. An inventory, including amounts and specifications;

b. A plan for procurement, describing sources and availability; and

c. A description of the means of transportation;

(6) Production information, as follows:

a. An inventory of products and waste streams;



- b. The quantities and specifications of hazardous materials; and
- c. Waste management plans; and

(7) A map showing the entire energy facility, including, in the case of an energy transmission pipeline, the location of each compressor station, pumping station, storage facility, and other ancillary facilities associated with the energy facility, and the corridor width in the case of a proposed new route or widening along an existing route.

(f) If the application is for an electric generating facility, the application shall include the following information:

- (1) Make, model, and manufacturer of each turbine and generator unit;
- (2) Capacity in megawatts, as designed and as intended for operation;
- (3) Type of turbine and generator unit, including:
  - a. Fuel utilized;
  - b. Method of cooling condenser discharge; and
  - c. Unit efficiency;
- (4) Any associated new substations, generator interconnection lines, and electric transmission lines, whether identified by the applicant or through a system impact study conducted by or on behalf of the interconnecting utility or ISO New England, Inc.;
- (5) Copy of system impact study report for interconnection of the facility as prepared by or on behalf of ISO New England, Inc. or the interconnecting utility, if available at the time of application;
- (6) Construction schedule, including start date and scheduled completion date; and
- (7) Description of anticipated mode and frequency of operation of the facility.

(g) If the application is for an electric transmission line or an electric generating facility with an associated electric transmission or distribution line, the application shall include the following information:

- (1) Location shown on U.S. Geological Survey Map;
- (2) A map showing the entire electric transmission or distribution line project, including the height and location of each pole or tower, the distance between each pole or tower, and the location of each substation, switchyard, converter station, and other ancillary facilities associated with the project;
- (3) Corridor width for:
  - a. New route; or
  - b. Widening along existing route;
- (4) Length of line;
- (5) Distance along new route;

- (6) Distance along existing route;
  - (7) Voltage design rating;
  - (8) Any associated new electric generating unit or units;
  - (9) Type of construction described in detail;
  - (10) Construction schedule, including start date and scheduled completion date;
  - (11) Copy of any proposed plan application or other system study request documentation required to be submitted to ISO New England, Inc. in connection with construction and operation of the proposed facility; and
  - (12) Copy of system impact study report for the proposed electric transmission facility as prepared by or on behalf of ISO New England, Inc. or the interconnecting utility, if available at the time of application.
- (h) Each application for a certificate for an energy facility shall include the following:
- (1) A detailed description of the type and size of each major part of the proposed facility;
  - (2) Identification of the applicant's preferred choice and other alternatives it considers available for the site and configuration of each major part of the proposed facility and the reasons for the preferred choice;
  - (3) Documentation that the applicant has held at least one public information session in each county where the proposed facility is to be located at least 30 days prior to filing its application, pursuant to RSA 162-H:10, I and Site 201.01;
  - (4) Documentation that written notification of the proposed facility, including copies of the application, has been given to the governing body of each municipality in which the facility is proposed to be located, and that written notification of the application filing, including information regarding means to obtain an electronic or paper version of the application, has been sent by first class mail to the governing body of each of the other affected communities;
  - (5) The information described in Sections 301.04 through 301.09;
  - (6) Information regarding the cumulative impacts of the proposed energy facility on natural, wildlife, habitat, scenic, recreational, historic, and cultural resources, including, with respect to aesthetics, the potential impacts of combined observation, successive observation, and sequential observation of energy facilities by the viewer;
  - (7) Information describing how the proposed facility will be consistent with the public interest, including the specific criteria set forth in Site 301.16(a)-(d); and
  - (8) Pre-filed testimony and exhibits supporting the application.

Site 301.04 Financial, Technical and Managerial Capability. Each application shall include a detailed description of the applicant's financial, technical, and managerial capability to construct and operate the proposed energy facility, as follows:

- (a) Financial information shall include:

- (1) A description of the applicant's experience financing other energy facilities;
  - (2) A description of the corporate structure of the applicant, including a chart showing the direct and indirect ownership of the applicant;
  - (3) A description of the applicant's financing plan for the proposed facility, including the amounts and sources of funds required for the construction and operation of the proposed facility;
  - (4) An explanation of how the applicant's financing plan compares with financing plans employed by the applicant or its affiliates, or, if no such plans have been employed by the applicant or its affiliates, then by unaffiliated project developers if and to the extent such information is publicly available, for energy facilities that are similar in size and type to the proposed facility, including any increased risks or costs associated with the applicant's financing plan; and
  - (5) Current and pro forma statements of assets and liabilities of the applicant;
- (b) Technical information shall include:
- (1) A description of the applicant's qualifications and experience in constructing and operating energy facilities, including projects similar to the proposed facility; and
  - (2) A description of the experience and qualifications of any contractors or consultants engaged or to be engaged by the applicant to provide technical support for the construction and operation of the proposed facility, if known at the time of application;
- (c) Managerial information shall include:
- (1) A description of the applicant's management structure for the construction and operation of the proposed facility, including an organizational chart for the applicant;
  - (2) A description of the qualifications of the applicant and its executive personnel to manage the construction and operation of the proposed facility; and
  - (3) To the extent the applicant plans to rely on contractors or consultants for the construction and operation of the proposed facility, a description of the experience and qualifications of the contractors and consultants, if known at the time of application.

Site 301.05 Effects on Aesthetics.

- (a) Each application shall include a visual impact assessment of the proposed energy facility, prepared in a manner consistent with generally accepted professional standards by a professional trained or having experience in visual impact assessment procedures, regarding the effects of, and plans for avoiding, minimizing, or mitigating potential adverse effects of, the proposed facility on aesthetics.
- (b) The visual impact assessment shall contain the following components:
- (1) A description and map depicting the locations of the proposed facility and all associated buildings, structures, roads, and other ancillary components, and all areas to be cleared and graded, that would be visible from any scenic resources, based on both bare ground conditions

using topographic screening only and with consideration of screening by vegetation or other factors;

(2) A description of how the applicant identified and evaluated the scenic quality of the landscape and potential visual impacts;

(3) A narrative and graphic description, including maps and photographs, of the physiographic, historical and cultural features of the landscape surrounding the proposed facility to provide the context for evaluating any visual impacts;

(4) A computer-based visibility analysis to determine the area of potential visual impact, which, for proposed:

- a. Wind energy systems shall extend to a minimum of a 10-mile radius from each wind turbine in the proposed facility;
- b. Electric transmission lines longer than 1 mile shall extend to a ½ mile radius if located within any urbanized area;
- c. Electric transmission lines longer than 1 mile shall extend to a 2 mile radius if located within any urban cluster;
- d. Electric transmission lines longer than 1 mile if located within any rural area shall extend to:
  1. A radius of 3 miles if the line would be located within an existing transmission corridor and neither the width of the corridor nor the height of any towers, poles, or other supporting structures would be increased; or
  2. A radius of 10 miles if the line would be located in a new transmission corridor or in an existing transmission corridor if either or both the width of the corridor or the height of the towers, poles, or other supporting structures would be increased;

(5) Identification of all scenic resources within the area of potential visual impact and a description of those scenic resources from which the proposed facility would be visible;

(6) Characterization of the potential visual impacts of the proposed facility, and of any visible plume that would emanate from the proposed facility, on identified scenic resources as high, medium, or low, based on consideration of the following factors:

- a. The expectations of the typical viewer;
- b. The effect on future use and enjoyment of the scenic resource;
- c. The extent of the proposed facility, including all structures and disturbed areas, visible from the scenic resource;
- d. The distance of the proposed facility from the scenic resource;
- e. The horizontal breadth or visual arc of the visible elements of the proposed facility;

- f. The scale, elevation, and nature of the proposed facility relative to surrounding topography and existing structures;
- g. The duration and direction of the typical view of elements of the proposed facility; and
- h. The presence of intervening topography between the scenic resource and elements of the proposed facility;

(7) Photosimulations from representative key observation points, from other scenic resources for which the potential visual impacts are characterized as “high” pursuant to (6) above, and, to the extent feasible, from a sample of private property observation points within the area of potential visual impact, to illustrate the potential change in the landscape that would result from construction of the proposed facility and associated infrastructure, including land clearing and grading and road construction, and from any visible plume that would emanate from the proposed facility; photographs used in the simulation shall be taken at high resolution and contrast, using a full frame digital camera with a 50 millimeter fixed focal length lens or digital equivalent that creates an angle of view that closely matches human visual perception, under clear weather conditions and at a time of day that provides optimal clarity and contrast, and shall avoid if feasible showing any utility poles, fences, walls, trees, shrubs, foliage, and other foreground objects and obstructions; photosimulations shall be printed at high resolution at 15.3 inches by 10.2 inches, or 390 millimeters by 260 millimeters; at least one set of photosimulations shall represent winter season conditions without the presence of foliage typical of other seasons; photosimulations shall meet the following additional requirements:

- a. Field conditions in which a viewpoint is photographed shall be recorded including:
  - 1. Global Position System (GPS) location points with an accuracy of at least 3 meters for each simulation viewpoint to ensure repeatability;
  - 2. Camera make and model and lens focal length;
  - 3. All camera settings at the time the photograph is taken; and
  - 4. Date, time and weather conditions at the time the photograph is taken;
- b. When simulating the presence of proposed wind turbines, the following shall apply:
  - 1. Turbines shall be placed with full frontal views and no haze or fog effect applied;
  - 2. Turbines shall reasonably represent the shape of the intended turbines for a project including the correct hub height and rotor diameter;
  - 3. Turbine blades shall be set at random angles with some turbines showing a blade in the 12 o'clock position; and
  - 4. The lighting model used to render wind turbine elements shall correspond to the lighting visible in the base photograph;

(8) If the proposed facility is required by Federal Aviation Administration regulations to install aircraft warning lighting or if the proposed facility would include other nighttime lighting, a

description and characterization of the potential visual impacts of this lighting, including the number of lights visible and their distance from key observation points; and

(9) A description of the measures planned to avoid, minimize, or mitigate potential adverse effects of the proposed facility, and of any visible plume that would emanate from the proposed facility, and the alternative measures considered but rejected by the applicant.

Site 301.06 Effects on Historic Sites. Each application shall include the following information regarding the identification of historic sites and plans for avoiding, minimizing, or mitigating potential adverse effects of, the proposed energy facility on historic sites:

(a) Demonstration that project review of the proposed facility has been initiated for purposes of compliance with Section 106 of the National Historic Preservation Act, 54 U.S.C. §306108, or RSA 227-C:9, as applicable;

(b) Identification of all historic sites and areas of potential archaeological sensitivity located within the area of potential effects, as defined in 36 C.F.R. §800.16(d);

(c) Finding or determination by the division of historical resources of the department of cultural resources and, if applicable, the lead federal agency, that no historic properties would be affected, that there would be no adverse effects, or that there would be adverse effects to historic properties, if such a finding or determination has been made prior to the time of application.

(d) Description of the measures planned to avoid, minimize, or mitigate potential adverse effects on historic sites and archaeological resources, and the alternative measures considered but rejected by the applicant; and

(e) Description of the status of the applicant's consultations with the division of historical resources of the department of cultural resources, and, if applicable, with the lead federal agency, and, to the extent known to the applicant, any consulting parties, as defined in 36 C.F.R. §800.2(c).

Site 301.07 Effects on Environment. Each application shall include the following information regarding the effects of, and plans for avoiding, minimizing, or mitigating potential adverse effects of, the proposed energy facility on air quality, water quality, and the natural environment:

(a) Information including the applications and permits filed pursuant to Site 301.03(d) regarding issues of air quality;

(b) Information including the applications and permits filed pursuant to Site 301.03(d) regarding issues of water quality;

(c) Information regarding the natural environment, including the following:

(1) Description of how the applicant identified significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities potentially affected by construction and operation of the proposed facility, including communications with and documentation received from the New Hampshire department of fish and game, the New Hampshire natural heritage bureau, the United States Fish and Wildlife Service, and any other federal or state agencies having permitting or other regulatory authority over fish, wildlife, and other natural resources;

- (2) Identification of significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities potentially affected by construction and operation of the proposed facility;
- (3) Identification of critical wildlife habitat and significant habitat resources potentially affected by construction and operation of the proposed facility;
- (4) Assessment of potential impacts of construction and operation of the proposed facility on significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities, and on critical wildlife habitat and significant habitat resources, including fragmentation or other alteration of terrestrial or aquatic significant habitat resources;
- (5) Description of the measures planned to avoid, minimize, or mitigate potential adverse impacts of construction and operation of the proposed facility on wildlife species, rare plants, rare natural communities, and other exemplary natural communities, and on critical wildlife habitat and significant habitat resources, and the alternative measures considered but rejected by the applicant; and
- (6) Description of the status of the applicant's discussions with the New Hampshire department of fish and game, the New Hampshire natural heritage bureau, the United States Fish and Wildlife Service, and any other federal or state agencies having permitting or other regulatory authority over fish, wildlife, and other natural resources.

Site 301.08 Effects on Public Health and Safety. Each application shall include the following information regarding the effects of, and plans for avoiding, minimizing, or mitigating potential adverse effects of, the proposed energy facility on public health and safety:

(a) For proposed wind energy systems:

- (1) A sound impact assessment prepared in accordance with professional standards by an expert in the field, which assessment shall include the reports of a preconstruction sound background study and a sound modeling study, as specified in Site 301.18;
- (2) An assessment that identifies the astronomical maximum as well as the anticipated hours per year of shadow flicker expected to be perceived at each residence, learning space, workplace, health care setting, public gathering area (outdoor and indoor), other occupied building, and roadway, within a minimum of 1 mile of any turbine, based on shadow flicker modeling that assumes an impact distance of at least 1 mile from each of the turbines;
- (3) Description of planned setbacks that indicate the distance between each wind turbine and the nearest landowner's existing building and property line, and between each wind turbine and the nearest public road and overhead or underground energy infrastructure or energy transmission pipeline within 2 miles of such wind turbine, and explain why the indicated distances are adequate to protect the public from risks associated with the operation of the proposed wind energy facility;
- (4) An assessment of the risks of ice throw, blade shear, and tower collapse on public safety, including a description of the measures taken or planned to avoid or minimize the occurrence of such events, if necessary, and the alternative measures considered but rejected by the applicant;
- (5) Description of the lightning protection system planned for the proposed facility;

- (6) Description of any determination made by the Federal Aviation Administration regarding whether any hazard to aviation is expected from any of the wind turbines included in the proposed facility, and describe the Federal Aviation Administration's lighting, turbine color, and other requirements for the wind turbines;
- (7) A decommissioning plan prepared by an independent, qualified person with demonstrated knowledge and experience in wind generation projects and cost estimates, which plan shall provide for removal of all structures and restoration of the facility site with a description of sufficient and secure funding to implement the plan, which shall not account for the anticipated salvage value of facility components or materials, including the provision of financial assurance in the form of an irrevocable standby letter of credit, performance bond, surety bond, or unconditional payment guaranty executed by a parent company of the facility owner maintaining at all times an investment grade credit rating;
- (8) The decommissioning plan required under (7) above shall include each of the following:
- a. All turbines, including the blades, nacelles and towers, shall be disassembled and transported off-site;
  - b. All transformers shall be transported off-site;
  - c. The overhead power collection conductors and the power poles shall be removed from the site;
  - d. All underground infrastructure at depths less than four feet below grade shall be removed from the site and all underground infrastructure at depths greater than four feet below finished grade shall be abandoned in place; and
  - e. Areas where subsurface components are removed shall be filled, graded to match adjacent contours, reseeded, stabilized with an appropriate seed and allowed to re-vegetate naturally;
- (9) A plan for fire protection for the proposed facility prepared by or in consultation with a fire safety expert; and
- (10) An assessment of the risks that the proposed facility will interfere with the weather radars used for severe storm warning or any local weather radars.
- (b) For electric transmission facilities, an assessment of electric and magnetic fields generated by the proposed facility and the potential impacts of such fields on public health and safety, based on established scientific knowledge, and an assessment of the risks of collapse of the towers, poles, or other supporting structures, and the potential adverse effects of any such collapse.
- (c) For all energy facilities:
- (1) Except as otherwise provided in (a)(1) above, an assessment of operational sound associated with the proposed facility, if the facility would involve use of equipment that might reasonably be expected to increase sound by 10 decibel A-weighted (dBA) or more over background levels (measured at the L-90 sound level) at the property boundary of the proposed facility site or, in the case of an electric transmission line or an energy transmission pipeline, at the edge of the right-of-way or the edge of the property boundary if the proposed facility, or portion thereof, will be



located on land owned, leased or otherwise controlled by the applicant or an affiliate of the applicant;

(2) A facility decommissioning plan prepared by an independent, qualified person with demonstrated knowledge and experience in similar energy facility projects and cost estimates, which plan shall include a description of sufficient and secure funding to implement the plan, which shall not account for the anticipated salvage value of facility components or materials, including the provision of financial assurance in the form of an irrevocable standby letter of credit, performance bond, surety bond, or unconditional payment guaranty executed by a parent company of the facility owner maintaining at all times an investment grade credit rating; the decommissioning plan shall include each of the following:

a. All transformers shall be transported off-site; and

b. All underground infrastructure at depths less than four feet below grade shall be removed from the site and all underground infrastructure at depths greater than four feet below finished grade shall be abandoned in place;

(3) A plan for fire safety prepared by or in consultation with a fire safety expert;

(4) A plan for emergency response to the proposed facility site; and

(5) A description of any additional measures taken or planned to avoid, minimize, or mitigate public health and safety impacts that would result from the construction and operation of the proposed facility, and the alternative measures considered but rejected by the applicant.

Site 301.09 Effects on Orderly Development of Region. Each application shall include information regarding the effects of the proposed energy facility on the orderly development of the region, including the views of municipal and regional planning commissions and municipal governing bodies regarding the proposed facility, if such views have been expressed in writing, and master plans of the affected communities and zoning ordinances of the proposed facility host municipalities and unincorporated places, and the applicant's estimate of the effects of the construction and operation of the facility on:

(a) Land use in the region, including the following:

(1) A description of the prevailing land uses in the affected communities; and

(2) A description of how the proposed facility is consistent with such land uses and identification of how the proposed facility is inconsistent with such land uses;

(b) The economy of the region, including an assessment of:

(1) The economic effect of the facility on the affected communities;

(2) The economic effect of the proposed facility on in-state economic activity during construction and operation periods;

(3) The effect of the proposed facility on State and tax revenues and the tax revenues of the host and regional communities;

(4) The effect of the proposed facility on real estate values in the affected communities;

- (5) The effect of the proposed facility on tourism and recreation; and
- (6) The effect of the proposed facility on community services and infrastructure;
- (c) Employment in the region, including an assessment of:
  - (1) The number and types of full-time equivalent local jobs expected to be created, preserved, or otherwise affected by the construction of the proposed facility, including direct construction employment and indirect employment induced by facility-related wages and expenditures; and
  - (2) The number and types of full-time equivalent jobs expected to be created, preserved, or otherwise affected by the operation of the proposed facility, including direct employment by the applicant and indirect employment induced by facility-related wages and expenditures.

Site 301.10 Completeness Review and Acceptance of Applications for Energy Facilities.

- (a) Upon the filing of an application for an energy facility, the committee shall forward to each of the other state agencies having permitting or other regulatory authority, under state or federal law, to regulate any aspect of the construction or operation of the proposed facility, a copy of the application for the agency's review as described in RSA 162-H:7, IV.
- (b) The committee also shall forward a copy of the application to the department of fish and game, the department of health and human services, the division of historical resources of the department of cultural resources, the natural heritage bureau, the governor's office of energy and planning, and the division of fire safety of the department of safety, unless any such agency or office has been forwarded a copy of the application under (a) above.
- (c) Upon receiving an application, the committee shall conduct a preliminary review to ascertain if the application contains sufficient information for the committee to review the application under RSA 162-H and these rules.
- (d) Each state agency having permitting or other regulatory authority shall have 45 days from the time the committee forwards the application to notify the committee in writing whether the application contains sufficient information for its purposes.
- (e) Within 60 days after the filing of the application, the committee shall determine whether the application is administratively complete and has been accepted for review.
- (f) If the committee determines that an application is administratively incomplete, it shall notify the applicant in writing, specifying each of the areas in which the application has been deemed incomplete.
- (g) If the applicant is notified that its application is administratively incomplete, the applicant may file a new and more complete application or complete the filed application by curing the specified defects within 10 days of the applicant's receipt of notification of incompleteness.
- (h) If, within the 10-day time frame, the applicant files a new and more complete application or completes the filed application, in either case curing the defects specified in the notification of incompleteness, the committee shall, no later than 14 days after receipt of the new or completed application, accept the new or completed application.

(i) If the new application is not complete or the specified defects in the filed application remain uncured, the committee shall notify the applicant in writing of its rejection of the application and instruct the applicant to file a new application.

Site 301.11 Exemption Determination.

(a) Within 60 days of acceptance of an application or the filing of a petition for exemption, the committee shall exempt the applicant from the approval and certificate provisions of RSA 162-H and these rules, if the committee finds that:

- (1) Existing state or federal statutes, state or federal agency rules or municipal ordinances provide adequate protection of the objectives set forth in RSA 162-H:1;
- (2) Consideration of the proposed energy facility by only selected agencies represented on the committee is required and the objectives of RSA 162-H:1 can be met by those agencies without exercising the provisions of RSA 162-H;
- (3) Response to the application or request for exemption from the general public, provided through written submissions or in the adjudicative proceeding provided for in (b) below, indicates that the objectives of RSA 162-H:1 are met through the individual review processes of the participating agencies; and
- (4) All environmental impacts or effects are adequately regulated by other federal, state, or local statutes, rules, or ordinances.

(b) The committee shall make the determination described in (a) above after conducting an adjudicative proceeding that includes a public hearing held in a county where the energy facility is proposed to be located.

Site 301.12 Timeframe for Application Review.

(a) Pursuant to RSA 162-H:7, VI-b, each state agency having permitting or other regulatory authority over the proposed energy facility shall report its progress to the committee within 150 days after application acceptance, outlining draft permit conditions and specifying additional data requirements necessary to make a final decision on the parts of the application that relate to its permitting or other regulatory authority;

(b) Pursuant to RSA 162-H:7, VI-c, each state agency having permitting or other regulatory authority over the proposed energy facility shall make and submit to the committee a final decision on the parts of the application that relate to its permitting and other regulatory authority, no later than 240 days after application acceptance.

(c) Pursuant to RSA 162-H:7, VI-d, the committee shall issue or deny a certificate for an energy facility within 365 days after application acceptance.

(d) Pursuant to RSA 162-H:14, I, the committee shall temporarily suspend its deliberations and the time frames set forth in this section at any time while an application is pending before the committee, if it finds that such suspension is in the public interest.

Site 301.13 Criteria Relative to Findings of Financial, Technical, and Managerial Capability.

(a) In determining whether an applicant has the financial capability to construct and operate the proposed energy facility, the committee shall consider:

- (1) The applicant's experience in securing funding to construct and operate energy facilities similar to the proposed facility;
- (2) The experience and expertise of the applicant and its advisors, to the extent the applicant is relying on advisors;
- (3) The applicant's statements of current and pro forma assets and liabilities; and
- (4) Financial commitments the applicant has obtained or made in support of the construction and operation of the proposed facility.

(b) In determining whether an applicant has the technical capability to construct and operate the proposed facility, the committee shall consider:

- (1) The applicant's experience in designing, constructing, and operating energy facilities similar to the proposed facility; and
- (2) The experience and expertise of any contractors or consultants engaged or to be engaged by the applicant to provide technical support for the construction and operation of the proposed facility, if known at the time.

(c) In determining whether an applicant has the managerial capability to construct and operate the proposed facility, the committee shall consider:

- (1) The applicant's experience in managing the construction and operation of energy facilities similar to the proposed facility; and
- (2) The experience and expertise of any contractors or consultants engaged or to be engaged by the applicant to provide managerial support for the construction and operation of the proposed facility, if known at the time.

Site 301.14 Criteria Relative to Findings of Unreasonable Adverse Effects.

(a) In determining whether a proposed energy facility will have an unreasonable adverse effect on aesthetics, the committee shall consider:

- (1) The existing character of the area of potential visual impact;
- (2) The significance of affected scenic resources and their distance from the proposed facility;
- (3) The extent, nature, and duration of public uses of affected scenic resources;
- (4) The scope and scale of the change in the landscape visible from affected scenic resources;
- (5) The evaluation of the overall daytime and nighttime visual impacts of the facility as described in the visual impact assessment submitted by the applicant and other relevant evidence submitted pursuant to Site 202.24;

(6) The extent to which the proposed facility would be a dominant and prominent feature within a natural or cultural landscape of high scenic quality or as viewed from scenic resources of high value or sensitivity; and

(7) The effectiveness of the measures proposed by the applicant to avoid, minimize, or mitigate unreasonable adverse effects on aesthetics, and the extent to which such measures represent best practical measures.

(b) In determining whether a proposed energy facility will have an unreasonable adverse effect on historic sites, the committee shall consider:

(1) All of the historic sites and archaeological resources potentially affected by the proposed facility and any anticipated potential adverse effects on such sites and resources;

(2) The number and significance of any adversely affected historic sites and archeological resources, taking into consideration the size, scale, and nature of the proposed facility;

(3) The extent, nature, and duration of the potential adverse effects on historic sites and archeological resources;

(4) Findings and determinations by the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the lead federal agency, of the proposed facility's effects on historic sites as determined under Section 106 of the National Historic Preservation Act, 54 U.S.C. §306108, or RSA 227-C:9; and

(5) The effectiveness of the measures proposed by the applicant to avoid, minimize, or mitigate unreasonable adverse effects on historic sites and archaeological resources, and the extent to which such measures represent best practical measures.

(c) In determining whether a proposed energy facility will have an unreasonable adverse effect on air quality, the committee shall consider the determinations of the New Hampshire department of environmental services with respect to applications or permits identified in Site 301.03(d) and other relevant evidence submitted pursuant to Site 202.24.

(d) In determining whether a proposed energy facility will have an unreasonable adverse effect on water quality, the committee shall consider the determinations of the New Hampshire department of environmental services, the United States Army Corps of Engineers, and other state or federal agencies having permitting or other regulatory authority, under state or federal law, to regulate any aspect of the construction or operation of the proposed facility, with respect to applications and permits identified in Site 301.03(d), and other relevant evidence submitted pursuant to Site 202.24.

(e) In determining whether construction and operation of a proposed energy facility will have an unreasonable adverse effect on the natural environment, including wildlife species, rare plants, rare natural communities, and other exemplary natural communities, the committee shall consider:

(1) The significance of the affected resident and migratory fish and wildlife species, rare plants, rare natural communities, and other exemplary natural communities, including the size, prevalence, dispersal, migration, and viability of the populations in or using the area;

- (2) The nature, extent, and duration of the potential effects on the affected resident and migratory fish and wildlife species, rare plants, rare natural communities, and other exemplary natural communities;
  - (3) The nature, extent, and duration of the potential fragmentation or other alteration of terrestrial or aquatic significant habitat resources or migration corridors;
  - (4) The analyses and recommendations, if any, of the department of fish and game, the natural heritage bureau, the United States Fish and Wildlife Service, and other agencies authorized to identify and manage significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities;
  - (5) The effectiveness of measures undertaken or planned to avoid, minimize, or mitigate potential adverse effects on the affected wildlife species, rare plants, rare natural communities, and other exemplary natural communities, and the extent to which such measures represent best practical measures;
  - (6) The effectiveness of measures undertaken or planned to avoid, minimize, or mitigate potential adverse effects on terrestrial or aquatic significant habitat resources, and the extent to which such measures represent best practical measures; and
  - (7) Whether conditions should be included in the certificate for post-construction monitoring and reporting and for adaptive management to address potential adverse effects that cannot reliably be predicted at the time of application.
- (f) In determining whether a proposed energy facility will have an unreasonable adverse effect on public health and safety, the committee shall:
- (1) For all energy facilities, consider the information submitted pursuant to Site 301.08 and other relevant evidence submitted pursuant to Site 202.24, the potential adverse effects of construction and operation of the proposed facility on public health and safety, the effectiveness of measures undertaken or planned to avoid, minimize, or mitigate such potential adverse effects, and the extent to which such measures represent best practical measures;
  - (2) For wind energy systems, apply the following standards:
    - a. With respect to sound standards, the A-weighted equivalent sound levels produced by the applicant's energy facility during operations shall not exceed the greater of 45 dBA or 5 dBA above background levels (measured at the L-90 sound level) between the hours of 8:00 a.m. and 8:00 p.m. each day, and the greater of 40 dBA or 5 dBA above background levels (measured at the L-90 sound level) at all other times during each day, as measured using microphone placement at least 7.5 meters from any surface where reflections may influence measured sound pressure levels, on property that is used in whole or in part for permanent or temporary residential purposes, at a location between the nearest building on the property used for such purposes and the closest wind turbine; and
    - b. With respect to shadow flicker, the shadow flicker created by the applicant's energy facility during operations shall not occur more than 8 hours per year at or within any residence, learning space, workplace, health care setting, public gathering area (outdoor and indoor), or other occupied building;

(3) For wind energy systems, consider the proximity and use of buildings, property lines, public roads, and overhead and underground energy infrastructure and energy transmission pipelines, the risks of ice throw, blade shear, tower collapse, and other potential adverse effects of facility operation, and the effectiveness of measures undertaken or planned to avoid, minimize, or mitigate such potential adverse effects, and the extent to which such measures represent best practical measures; and

(4) For electric transmission lines, consider the proximity and use of buildings, property lines, and public roads, the risks of collapse of towers, poles, or other supporting structures, the potential impacts on public health and safety of electric and magnetic fields generated by the proposed facility, and the effectiveness of measures undertaken or planned to avoid, minimize, or mitigate such potential adverse effects, and the extent to which such measures represent best practical measures.

(g) In determining whether to grant a certificate of site and facility for a proposed energy facility, the committee shall consider cumulative impacts to public health and safety, natural, wildlife, habitat, scenic, recreational, historic, and cultural resources, including aesthetic impacts and sound impacts, and, with respect to aesthetics, the potential impacts of combined observation, successive observation, and sequential observation of energy facilities by the viewer.

Site 301.15 Criteria Relative to a Finding of Undue Interference. In determining whether a proposed energy facility will unduly interfere with the orderly development of the region, the committee shall consider:

(a) The extent to which the siting, construction, and operation of the proposed facility will affect land use, employment, and the economy of the region;

(b) The provisions of, and financial assurances for, the proposed decommissioning plan for the proposed facility; and

(c) The views of municipal and regional planning commissions and municipal governing bodies regarding the proposed facility.

Site 301.16 Criteria Relative to Finding of Public Interest. In determining whether a proposed energy facility will serve the public interest, the committee shall consider:

(a) The beneficial and adverse environmental effects of the facility, including effects on air and water quality, wildlife, and natural resources;

(b) The beneficial and adverse economic effects of the facility, including the costs and benefits to energy consumers, property owners, state and local tax revenues, employment opportunities, and local and regional economies;

(c) The extent to which construction and operation of the facility will be consistent with federal, regional, state, and local plans and policies, including those specified in RSA 378:37 and RSA 362-F:1;

(d) The municipal master plans and land use regulations pertaining to (i) natural, scenic, historic, and cultural resources, and (ii) public health and safety, air quality, economic development, and energy resources; and

(e) The extent to which siting, construction, and operation of the facility will have impacts on and benefits to the welfare of the population, the location and growth of industry, historic sites, aesthetics, the use of natural resources, and public health and safety, consistent with RSA 162-H:1.

Site 301.17 Conditions of Certificate. In determining whether a certificate shall be issued for a proposed energy facility, the committee shall consider whether the following conditions should be included in the certificate:

(a) A requirement that the certificate holder promptly notify the committee of any proposed or actual change in the ownership or ownership structure of the holder or its affiliated entities and request approval of the committee of such change;

(b) A requirement that the certificate holder promptly notify the committee of any proposed or actual material change in the location, configuration, design, specifications, construction, operation, or equipment components of the energy facility subject to the certificate and request approval of the committee of such change;

(c) A requirement that the certificate holder continue consultations with the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the federal lead agency, and comply with any agreement or memorandum of understanding entered into with the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the federal lead agency;

(d) Delegation to the administrator or another state agency or official of the authority to monitor the construction or operation of the energy facility subject to the certificate and to ensure that related terms and conditions of the certificate are met;

(e) Delegation to the administrator or another state agency or official of the authority to specify the use of any technique, methodology, practice, or procedure approved by the committee within the certificate and with respect to any permit, license, or approval issued by a state agency having permitting or other regulatory authority;

(f) Delegation to the administrator or another state agency or official of the authority to specify minor changes in route alignment to the extent that such changes are authorized by the certificate for those portions of a proposed electric transmission line or energy transmission pipeline for which information was unavailable due to conditions which could not have been reasonably anticipated prior to the issuance of the certificate;

(g) A requirement that the energy facility be sited subject to setbacks or operate with designated safety zones in order to avoid, mitigate, or minimize potential adverse effects on public health and safety;

(h) Other conditions necessary to ensure construction and operation of the energy facility subject to the certificate in conformance with the specifications of the application; and

(i) Any other conditions necessary to serve the objectives of RSA 162-H or to support findings made pursuant to RSA 162-H:16.

Site 301.18 Sound Study Methodology.

(a) The methodology for conducting a preconstruction sound background study for a wind energy system shall include:



- (1) Adherence to the ANSI/ASA S12.9-2013 Part 3 standard, a standard that requires short-term attended measurements;
  - (2) Long-term unattended monitoring shall be conducted in accordance with the ANSI S12.9-1992 2013 Part 2 standard, provided that audio recordings are taken in order to clearly identify and remove transient noises from the data, with frequencies above 1250 hertz 1/3 octave band to be filtered out of the data;
  - (3) Measurements shall be conducted at the nearest properties from the proposed wind turbines that are representative of all residential properties within 2 miles of any turbine; and
  - (4) Sound measurements shall be omitted when the wind velocity is greater than 4 meters per second at the microphone position, when there is rain, or with temperatures below instrumentation minima; following ANSI S12.9-2013 Part 3 protocol, microphones shall be placed 1 to 2 meters above ground level, and at least 7.5 meters from any reflective surface; a windscreen of the type recommended by the monitoring instrument's manufacturer must be used for all data collection; microphones should be field-calibrated before and after measurements; and an anemometer shall be located within close proximity to each microphone.
- (b) Pre-construction sound reports shall include a map or diagram clearly showing the following:
- (1) Layout of the project area, including topography, project boundary lines, and property lines;
  - (2) Locations of the sound measurement points;
  - (3) Distance between any sound measurement point and the nearest wind turbine;
  - (4) Location of significant local non-turbine sound and vibration sources;
  - (5) Distance between all sound measurement points and significant local sound sources;
  - (6) Location of all sensitive receptors including schools, day-care centers, health care facilities, residences, residential neighborhoods, places of worship, and elderly care facilities;
  - (7) Indication of temperature, weather conditions, sources of ambient sound, and prevailing wind direction and speed for the monitoring period; and
  - (8) Final report shall provide A-weighted and C-weighted sound levels for L-10, Leq, and L-90.
- (c) The predictive sound modeling study shall:
- (1) Be conducted in accordance with ISO 9613-2 1996-12-15 standards and specifications;
  - (2) Include an adjustment to the Leq sound level produced by the model applied in order to adjust for turbine manufacturer uncertainty, such adjustment to be determined in accordance with the most recent release of the IEC 61400 Part 11 standard (Edition 3.0 2012-11);
  - (3) Include predictions to be made at all properties within 2 miles from the project wind turbines for the wind speed and operating mode that would result in the worst case wind turbine sound emissions during the hours before 8:00 a.m. and after 8:00 p.m. each day; and

- (4) Incorporate other corrections for model algorithm error to be disclosed and accounted for in the model.
- (d) The predictive sound modeling study report shall:
- (1) Include the results of the modeling described in (c)(3) above as well as a map with sound contour lines showing dBA sound emitted from the proposed wind energy system at 5 dBA intervals;
  - (2) Include locations out to 2 miles from any wind turbine included in the proposed facility; and
  - (3) Show proposed wind turbine locations and the location of all sensitive receptors, including schools, day-care centers, health care facilities, residences, residential neighborhoods, places of worship, and elderly care facilities;
- (e) Post-construction noise compliance monitoring shall include:
- (1) Adherence to the ANSI/ASA S12.9-2013 Part 3 standard that requires short-term attended measurements to ensure transient noises are removed from the data; measurements shall include at least one nighttime hour where turbines are operating at full sound power with winds less than 3 meters per second at the microphone;
  - (2) Unattended long-term monitoring shall also be conducted;
  - (3) Sound measurements shall be omitted when there is rain, or when temperatures are below instrumentation minima; microphones shall be placed 1 to 2 meters above ground level and at least 7.5 meters from any reflective surface, following ANSI/ASA S12.9-2013 Part 3 protocols; proper microphone screens shall be required; microphones shall be field-calibrated before and after measurements; and an anemometer shall be located within close proximity to each microphone;
  - (4) Monitoring shall involve measurements being made with the turbines in both operating and non-operating modes, and supervisory control and data acquisition system data shall be used to record hub height wind speed and turbine power output;
  - (5) Locations shall be pre-selected where noise measurements will be taken and shall be the same locations at which predictive sound modeling study measurements were taken pursuant to subsection (c) above; measurements shall be performed at night with winds above 4.5 meters per second at hub height and less than 3 meters per second at ground level;
  - (6) All sound measurements during post-construction monitoring shall be taken at 0.125-second intervals measuring both fast response and Leq metrics; and
  - (7) Post-construction monitoring surveys shall be conducted once within 3 months of commissioning, and once during each season thereafter for the first year; additional surveys shall be conducted at the request of the committee or the administrator; adjustments to this schedule shall be permitted subject to review by the committee or the administrator.
- (f) Post-construction sound monitoring reports shall include a map or diagram clearly showing the following:

- (1) Layout of the project area, including topography, project boundary lines, and property lines;
- (2) Locations of the sound measurement points; and
- (3) Distance between any sound measurement point and the nearest wind turbine.

(g) For each sound measurement period during post-construction monitoring, reports shall include each of the following measurements:

- (1) LAeq, LA-10, and LA-90; and
- (2) LCeq, LC-10, and LC-90.

(h) Noise emissions shall be free of audible tones, and if the presence of a pure tone frequency is detected, a 5 dB penalty shall be added to the measured dBA sound level.

(i) Validation of noise complaints submitted to the committee shall require field sound surveys, except as determined by the administrator to be unwarranted, which field studies shall be conducted under the same meteorological conditions as occurred at the time of the alleged exceedance that is the subject of the complaint.

#### SITE 302 ENFORCEMENT OF TERMS AND CONDITIONS

##### Site 302.01 Determination of Certificate Violation.

(a) Whenever the committee or the administrator as designee determines, on its own or in response to a complaint, that any term or condition of an issued certificate is being violated, it shall give written notice to the person holding the certificate of the specific violation and order the person to immediately terminate the violation.

(b) The person holding the certificate shall provide full access to the site of the energy facility subject to the certificate for purposes of inspection and monitoring by the administrator or another authorized representative of the committee.

(c) If the person holding the certificate has failed or neglected to terminate a specified violation within 15 days after receipt of the notice and order issued pursuant to (a) above, the committee shall commence a proceeding to suspend the person's certificate.

(d) Except in the case of an emergency, the committee shall give written notice of its consideration of suspension and of its reasons for consideration of suspension and shall provide an opportunity for an adjudicative hearing pursuant to Site 201 with respect to the proposed suspension.

(e) Except in the case of an emergency, the committee shall provide 14 days prior written notice of the hearing referred to in (d) above to the holder of the certificate and to the complainant, if any.

(f) Pursuant to RSA 162-H:12, I, if the committee determines following the adjudicative hearing that a certificate violation has occurred and is continuing, the committee may issue an order that suspends the holder's certificate until such time as the violation has been corrected.

##### Site 302.02 Determination of Misrepresentation or Non-Compliance.

(a) If the committee determines that a person has made a material misrepresentation in the application or in any supplemental or additional statements of fact or studies required of the applicant, or if the committee determines that the person has violated the provisions of RSA 162-H or the rules of the committee, the committee shall commence an adjudicative proceeding to suspend the certificate held by such person.

(b) Except in the case of an emergency, the committee shall give written notice of its consideration of suspension and of its reasons therefor and shall provide an opportunity for an adjudicative hearing pursuant to Site 201 with respect to the proposed suspension.

(c) Except in the case of an emergency, the committee shall provide 14 days prior written notice of the hearing referred to in (b) above to the holder of the certificate.

(d) Pursuant to RSA 162-H:12, II, if the committee determines following the adjudicative hearing that a material misrepresentation or violation of RSA 162-H or its rules has occurred, the committee may issue an order that suspends the holder's certificate until such time as the holder has corrected and mitigated the consequences of such misrepresentation or violation.

(e) If the holder's certificate is suspended by order of the committee, then the holder shall cease construction or operation of the energy facility subject to the certificate as of the time specified in the order, and shall not resume construction or operation of the facility until such time as the suspension is lifted by further order of the committee.

#### Site 302.03 Revocation of Certificate.

(a) The committee shall have the authority to revoke a certificate according to this section.

(b) If the committee has suspended a certificate pursuant to Site 302.01 or Site 302.02 and the holder has failed to correct and mitigate the consequences of the violation or misrepresentation that was the basis for the suspension within the period of time specified in the suspension order, the committee shall initiate an adjudicative proceeding to revoke the suspended certificate and shall conduct an adjudicative hearing prior to determining whether to revoke the certificate.

(c) The committee shall provide 90 days prior written notice to the holder of the certificate that the committee intends to revoke the certificate and stating the reasons for the intended revocation.

(d) If the holder's certificate is revoked by order of the committee, then the holder shall permanently cease construction or operation of the energy facility subject to the certificate as of the time specified in the order and shall commence and complete decommissioning of the facility within the time period specified in the order.

#### Site 302.04 Emergencies.

(a) For the purposes of this part, "emergency" means an event which jeopardizes public health and safety.

(b) With respect to emergencies, the committee shall provide 5 days prior written notice of an adjudicative hearing to the holder of a certificate.

#### Site 302.05 Waiver of Rules.

(a) The committee or subcommittee, as applicable, shall waive any of the provisions of this chapter, except where precluded by statute, on its own motion or upon request by an interested party, if the committee or subcommittee finds that:

- (1) The waiver serves the public interest; and
  - (2) The waiver will not disrupt the orderly and efficient resolution of matters before the committee or subcommittee.
- (b) In determining the public interest, the committee or subcommittee shall waive a rule if:
  - (1) Compliance with the rule would be onerous or inapplicable given the circumstances of the affected person; or
  - (2) The purpose of the rule would be satisfied by an alternative method proposed.
- (c) Any interested party seeking a waiver shall make a request in writing, except as provided in (d) below.
- (d) The committee or subcommittee, as applicable, shall accept for consideration any waiver request made orally during a hearing or prehearing conference.
- (e) A request for a waiver shall specify the basis for the waiver and the proposed alternative, if any.

**APPENDIX A**

<b>Rule</b>	<b>Statute</b>
Site 205.01	RSA 162-H:10,VI and VII; RSA 541-A:11, VII
Site 301.01-02	RSA 162-H:7,II, 10,VI and VII
Site 301.03	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.04	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.05	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.06	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.07	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.08	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.09	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.10	RSA 162-H:7,IV and VI, 10,VI and VII
Site 301.11	RSA 162-H:4, IV, 10,VI and VII
Site 301.12	RSA 162-H:7, VI-b, VI-c and VI-d, 10,VI and VII, 14, I
Site 301.13	RSA 162-H:10,VI and VII, 16, IV(a)
Site 301.14	RSA 162-H:10,VI and VII, 10-a, 16, IV(c)
Site 301.15	RSA 162-H:10,VI and VII, 16, IV(b)
Site 301.16	RSA 162-H:10,VI and VII, 16, IV(e)
Site 301.17	RSA 162-H:10, VI and VII
Site 301.18	RSA 162-H:7, V, 10, VI and VII
Site 302.01-04	RSA 162-H:10,VI and VII, 12
Site 302.05	RSA 162-H:10,VI and VII; RSA 541-A:22, IV

**APPENDIX B: INCORPORATION BY REFERENCE INFORMATION**

<b>RULE</b>	<b>TITLE/CITATION (DATE)</b>	<b>SOURCE</b>
Site 301.06(b)	36 C.F.R. §800.16(d) (2014)	Available from U.S. Government Publishing Office, <a href="http://www.gpo.gov">http://www.gpo.gov</a>
Site 301.06(f)	36 C.F.R. §800.2(c) (2014)	Available from U.S. Government Publishing Office, <a href="http://www.gpo.gov">http://www.gpo.gov</a>
Site 301.18(a)(1), (a)(4), (e)(1), and (e)(3)	ANSI/ASA S12.9-2013 Part 3 Quantities and Procedures for Description and Measurement of Environmental Sound – Part 3: Short-term Measurements with an Observer Present	Published by American National Standards Institute, 25 West 43 <sup>rd</sup> Street, 4 <sup>th</sup> Floor, New York, NY 10036 Hard copy or electronic copy can be purchased for \$115.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(a)(2)	ANSI/ASA S12.9-1992 2013 Part 2, Quantities and Procedures for Description and Measurement of Environmental Sound. Part 2: Measurement of long-term, wide-area sound	Published by American National Standards Institute, 25 West 43 <sup>rd</sup> Street, 4 <sup>th</sup> Floor, New York, NY 10036 Hard copy or electronic copy can be purchased for \$100.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(c)(1)	ISO 9613-2 1996-12-15, Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation	Published by International Organization for Standardization, Case Postale 56, CH-1211, Geneve 20, Switzerland Hard copy or electronic copy can be purchased for \$123.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(c)(2)	IEC 61400 Part 11 (Edition 3.0 2012-11), Wind turbines – Part 11: Acoustic noise measurement techniques	Published by International Electrotechnical Commission, 3, rue de Varembe, CH-1211, Geneva 20, Switzerland Hard copy or electronic copy can be purchased for \$303.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(c)(2)	IEC 61400 Part 14 (First Edition 2005-03), Wind turbines – Part 14: Declaration of apparent sound power level and tonality values	Published by International Electrotechnical Commission, 3, rue de Varembe, CH-1211, Geneva 20, Switzerland Hard copy or electronic copy can be purchased for \$55.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>

**Readopt Site 205, effective 6-17-08 (Document #9183-B), to read as follows:**

Site 205 EXPLANATION OF PROPOSED RULE

Site 205.01 Explanation of Proposed Rule.

(a) If requested by an interested person at any time before 30 days after final adoption of a rule, the committee shall issue a written explanation of the rule pursuant to RSA 541-A:11, VII.

(b) An explanation issued pursuant to this section shall include:

- (1) A concise statement of the principal reasons for and against the adoption of the rule in its final form; and
- (2) An explanation of why the committee overruled the arguments and considerations against the rule.



**Readopt with amendments Site 300, effective 6-17-08 (Document #9183-B), to read as follows:**

CHAPTER Site 300 CERTIFICATES OF SITE AND FACILITY

PART Site 301 REQUIREMENTS FOR APPLICATIONS FOR CERTIFICATES

Site 301.01 Filing.

(a) Each applicant for a certificate for an energy facility shall file with the committee one original and 15 paper copies of its application and an electronic version of its application in PDF format, unless otherwise directed by the chairperson or the administrator, after consultation by the chairperson or administrator with state agencies that are required to be provided a copy of the application under this chapter, in order to permit the timely and efficient review and adjudication of the application.

(b) The committee or the administrator shall:

(1) Acknowledge receipt of an application filed under Site 301.01(a) in writing directed to the applicant;

(2) Forward a copy of the application and acknowledgment to each member of the committee;  
~~and~~

(3) Forward a copy of the application to each state agency required to receive a copy under Site 301.10(a) and (b); and

(4) Post a copy of each application on the committee's website.

Site 301.02 Format of Application.

(a) ~~Applications~~Paper copies of applications shall be prepared on standard 8 ½ x 11 inch sheets, and plans, maps, photosimulations, and other oversized documents shall be folded to that size or rolled and provided in protective tubes. Electronic copies of applications shall be submitted through electronic mail, on compact discs, or in an electronic file format compatible with the computer system of the commission.

(b) Each application shall contain a table of contents.

(c) All information furnished shall ~~follow~~appear in the ~~numbering systems set forth~~same order as the requirements to provide that information appear in Site 301.03 through 301.09.

(d) If any numbered item is not applicable or the information is not available, an appropriate comment shall be made so that no numbered item shall remain unanswered.

(e) To the extent practicable, copies of applications shall be double-sided.

Site 301.03 Contents of Application.

(a) Each application for a certificate of site and facility for an energy facility shall be signed and sworn to by the person, or by an authorized executive officer of the corporation, company, association, or other organization, making such application.

(b) Each application shall include the information contained in this ~~subparagraph~~paragraph, and in (c) through (h) below, as follows:

(1) The name of the applicant;

- (2) The applicant's mailing address, telephone and fax numbers, and e-mail address;
  - (3) The name and address of the applicant's parent company, association, or corporation, if the applicant is a subsidiary;
  - (4) If the applicant is a corporation:
    - a. The state of incorporation;
    - b. The corporation's principal place of business; and
    - c. The names and addresses of the corporation's directors, officers, and stockholders;
  - (5) If the applicant is a limited liability company:
    - a. The state of the company's organization;
    - b. The company's principal place of business; and
    - c. The names and addresses of the company's members, managers, and officers;
  - (6) If the applicant is an association, the names and addresses of the residences of the members of the association; and
  - (7) Whether the applicant is or will be the owner or lessee of the proposed facility or has or will have some other legal or business relationship to the proposed facility, including a description of that relationship.
- (c) Each application shall contain the following information with respect to the site of the proposed energy facility and alternative locations the applicant considers available for the proposed facility:
- (1) The location and address of the site of the proposed facility;
  - (2) Site acreage, shown on an attached property map and located by scale on a U.S. Geological Survey or GIS map;
  - (3) The location ~~of, shown on a map, of property lines,~~ residences, industrial buildings, and other structures and improvements within ~~or adjacent~~ the site, on abutting property with respect to the site, and within 100 feet of the site if such distance extends beyond the boundary of any abutting property;
  - (4) Identification of wetlands and surface waters of the state within ~~or adjacent~~ the site, on abutting property with respect to the site, and within 100 feet of the site if such distance extends beyond the boundary of any abutting property, except if and to the extent such identification is not possible due to lack of access to the relevant property and lack of other sources of the information to be identified;
  - (5) Identification of natural, historic, cultural, and other resources at or within ~~or adjacent to the site; and~~ the site, on abutting property with respect to the site, and within 100 feet of the site if such distance extends beyond the boundary of any abutting property, except if and to the extent such identification is not possible due to lack of access to the relevant property and lack of other sources of the information to be identified;

(6) Evidence that the applicant has a current right ~~of, an option, or other~~ legal ~~access to and control of or the ability~~ basis to acquire ~~control of the right, to construct, operate, and maintain the facility on, over, or under~~ the site, in the form of ~~ownership~~;

a. Ownership, ground lease, easement, ~~option,~~ or other contractual ~~rights~~right or interestsinterest;

b. A license, permit, easement, or other permission from a federal, state, or local government agency, or an application for such a license, permit, easement, or other permission from a state governmental agency that is included with the application; or

c. The simultaneous filing of a federal regulatory proceeding or taking of other action that would, if successful, provide the applicant with a right of eminent domain to acquire control of the site for the purpose of constructing, operating, and maintaining the facility thereon; and

(7) Evidence that the applicant has a current or conditional right of access to private property within the boundaries of the proposed energy facility site sufficient to accommodate a site visit by the committee, which private property, with respect to energy transmission pipelines under the jurisdiction of the Federal Energy Regulatory Commission, may be limited to the proposed locations of all above-ground structures and a representative sample of the proposed locations of underground structures or facilities.

(d) Each application shall include information about other required applications and permits as follows:

(1) Identification of all other federal and state government agencies having permitting or other regulatory authority, under federal or state law, to regulate any aspect of the construction or operation of the proposed energy facility;

(2) Documentation that demonstrates compliance with the application requirements of all such agencies;

(3) A copy of the completed application form for each such agency; and

(4) Identification of any requests for waivers from the information requirements of any state agency or department having permitting or other regulatory authority whether or not such agency or department is represented on the committee.

(e) If the application is for an energy facility, including an energy transmission pipeline, that is not an electric generating facility, or an electric transmission line, ~~or an energy transmission pipeline~~, the application shall include:

(1) The type of facility being proposed;

(2) A description of the process to extract, produce, manufacture, transport or refine the source of energy;

(3) The facility's size and configuration;

(4) The ability to increase the capacity of the facility in the future;

(5) Raw materials used or transported, as follows:

a. An inventory, including amounts and specifications;

- b. A plan for procurement, describing sources and availability; and
- c. A description of the means of transportation;

(6) Production information, as follows:

- a. An inventory of products and waste streams;
- b. The quantities and specifications of hazardous materials; and
- c. Waste management plans; ~~and~~

(7) A map showing the entire energy facility, including, in the case of an energy transmission pipeline, the location of each compressor station, pumping station, storage facility, and other ancillary facilities associated with the energy facility, and the corridor width in the case of a proposed new route or widening along an existing route.

(f) If the application is for an electric generating facility, the application shall include the following information:

- (1) Make, model, and manufacturer of each turbine and generator unit;
- (2) Capacity in megawatts, as designed and as intended for operation;
- (3) Type of turbine and generator unit, including:
  - a. Fuel utilized;
  - b. Method of cooling condenser discharge; and
  - c. Unit efficiency;
- (4) Any associated new substations, generator interconnection lines, and electric transmission lines, whether identified by the applicant or through a system impact study conducted by or on behalf of the interconnecting utility or ISO New England, Inc.; ~~and~~

~~(5) Copy of system impact study report for interconnection of the facility as prepared by or on behalf of ISO New England, Inc. or the interconnecting utility, if available at the time of application;~~

(6) Construction schedule, including start date and scheduled completion date; and

(7) Description of anticipated mode and frequency of operation of the facility.

(g) If the application is for ~~aan electric~~ transmission line or an electric generating facility with an associated electric transmission or distribution line, the application shall include the following information:

- (1) Location shown on U.S. Geological Survey Map;

~~(2) Corridor width for:~~

(2) A map showing the entire electric transmission or distribution line project, including the height and location of each pole or tower, the distance between each pole or tower, and the location of each substation, switchyard, converter station, and other ancillary facilities associated with the project;

(3) Corridor width for:

- a. New route; or
- b. Widening along existing route;

(34) Length of line;

~~(4) Distance along new route;~~

(5) Distance along new route;

(6) Distance along existing route;

~~(67) Voltage (design rating);~~

~~(78) Any associated new electric generating unit or units;~~

~~(89) Type of construction (described in detail);~~

~~(910) Construction schedule, including start date and scheduled completion date; and~~

~~(10) Impact on system stability and reliability.~~

(11) Copy of any proposed plan application or other system study request documentation required to be submitted to ISO New England, Inc. in connection with construction and operation of the proposed facility; and

(12) Copy of system impact study report for the proposed electric transmission facility as prepared by or on behalf of ISO New England, Inc. or the interconnecting utility, if available at the time of application.

(h) Each application for a certificate for an energy facility shall include the following:

(1) A detailed description of the type and size of each major part of the proposed facility;

(2) Identification of the applicant's preferred location choice and ~~any alternative locations~~other alternatives it considers available for the site and configuration of each major part of the proposed facility and the reasons for the preferred choice;

(3) Documentation that the applicant has held at least one public information session in each county where the proposed facility is to be located at least 30 days prior to filing its application, pursuant to RSA 162-H:10, I and Site 201.01;

(4) Documentation that written notification of the proposed facility, including copies of the application, has been given to the governing body of each municipality in which the facility is proposed to be located, and that written notification of the application filing, including information regarding means to obtain an electronic or paper version of the application, has been sent by first class mail to the governing body of each of the other affected communities;

(5) ~~Each application shall include the~~The information described in Sections 301.04 through 301.09;

(6) ~~Each application shall include information~~Information regarding the cumulative impacts of the proposed energy facility on natural, wildlife, habitat, scenic, recreational, historic, and cultural

resources, including, with respect to aesthetics, the potential impacts of combined observation, successive observation, and sequential observation of energy facilities by the viewer;

(7) Information describing how the proposed facility will be consistent with the public interest; including the specific criteria set forth in Site 301.16(a)-(d); and

~~(7) Each application shall include pre~~(8) Pre-filed testimony and exhibits supporting the application.

Site 301.04 Financial, Technical and Managerial Capability. Each application shall include a detailed description of the applicant's financial, technical, and managerial capability to construct and operate the proposed energy facility, as follows:

(a) Financial information shall include:

- (1) A description of the applicant's experience financing other energy facilities;
- (2) A description of the corporate structure of the applicant, including a chart showing the direct and indirect ownership of the applicant;
- (3) A description of the ~~source~~applicant's financing plan for the proposed facility, including the amounts and sources of funds required for the construction and operation of the proposed facility;
- (4) An explanation of how the applicant's financing plan compares with financing plans employed ~~for other energy facilities by the applicant or its affiliates, or, if no such plans have been employed by the applicant or its affiliates, then by unaffiliated project developers if and to the extent such information is publicly available, for energy facilities that are similar in size and type to the proposed facility~~, including any increased risks or costs associated with the applicant's financing plan; and
- (5) Current and pro forma statements of assets and liabilities of the applicant;

(b) Technical information shall include:

- (1) A description of the applicant's qualifications and experience in constructing and operating energy facilities, including projects similar to the proposed facility; and
- (2) A description of the experience and qualifications of any contractors or consultants engaged or to be engaged by the applicant to provide technical support for the construction and operation of the proposed facility, if known at the time of application;

(c) Managerial information shall include:

- (1) A description of the applicant's management structure for the construction and operation of the proposed facility, including an organizational chart for the applicant;
- (2) A description of the qualifications of the applicant and its executive personnel to manage the construction and operation of the proposed facility; and

(3) To the extent the applicant plans to rely on contractors or consultants for the construction and operation of the proposed facility, a description of the experience and qualifications of the contractors and consultants, if known at the time of application.

Site 301.05 Effects on Aesthetics.

Each application shall include ~~the following information regarding the effects of, and plans for avoiding, minimizing, or mitigating any unreasonable adverse effects of, the proposed facility on aesthetics:~~

(a) ~~A~~ visual impact assessment of the proposed energy facility, prepared in a manner consistent with generally accepted professional standards by a professional trained or having experience in visual impact assessment procedures; ~~regarding the effects of, and plans for avoiding, minimizing, or mitigating potential adverse effects of, the proposed facility on aesthetics.~~

(b) The visual impact assessment shall contain the following components:

(1) A description and map depicting the locations of the proposed facility and all associated buildings, structures, roads, and other ancillary components, and all areas to be cleared and graded, that would be visible from any scenic resources, based on both bare ground conditions using topographic screening only and with consideration of screening by vegetation or other factors;

(2) A description of how the applicant identified and evaluated the scenic quality of the landscape and potential visual impacts;

(3) A narrative and graphic description, including maps and photographs, of ~~both~~ the physiographic, historical and cultural features of the landscape surrounding the proposed facility to provide the context for evaluating any visual impacts;

(4) A computer-based visibility analysis to determine the area of potential visual ~~effect~~impact, which, for proposed ~~wind~~:

a. Wind energy systems; shall extend to a minimum of a 10-mile radius from each wind turbine in the proposed facility; ~~and, for electric;~~

b. Electric transmission lines longer than 1 mile; shall ~~be~~extend to a ½ mile ~~in~~radius if located within any urbanized area;

c. Electric transmission lines longer than 1 mile shall extend to a 2 mile radius if located within any urban ~~areas, 2 miles in suburban, cluster;~~

d. Electric transmission lines longer than 1 mile if located within any rural area shall extend to:

1. residential, and village areas, A radius of 3 miles in lightly developed or undeveloped landscapes where if the line follows would be located within an existing transmission corridor, and 5 miles in lightly developed and neither the width of the corridor nor the height of any towers, poles, or other supporting structures would be increased; or

2. undeveloped landscapes where a radius of 10 miles if the line would be located in a new transmission corridor or in an existing transmission corridor if either or both the width of the corridor or the height of the towers, poles, or other supporting structures would be increased;

~~(4)~~(5) Identification of all scenic resources within the area of potential visual ~~effect~~ impact and a description of those scenic resources from which the proposed facility would be visible;

~~(5)~~(6) Characterization of the potential visual impacts of the proposed facility, and of any visible plume that would emanate from the proposed facility, on identified scenic resources as high, medium, or low, based on consideration of the following factors:

- a. The expectations of the typical viewer;
- b. The effect on future use and enjoyment of the scenic resource;
- c. The extent of the proposed facility, including all structures and disturbed areas, visible from the scenic resource;
- d. The distance of the proposed facility from the scenic resource;
- e. The horizontal breadth (~~or~~ visual arc) of the visible elements of the proposed facility;
- f. The scale, elevation, and nature of the proposed facility relative to surrounding topography and existing structures;
- g. The duration and direction of the typical view of elements of the proposed facility; and
- h. The presence of intervening topography between the scenic resource and elements of the proposed facility;

(7) Photosimulations from representative key observation points, ~~and~~ from other scenic resources for which the potential visual impacts are characterized as “high” pursuant to (6) above, and, to the extent feasible, from a sample of private property observation points within the area of potential visual impact, to illustrate the potential change in the landscape that would result from construction of the proposed facility and associated infrastructure, including land clearing and grading and road construction; and from any visible plume that would emanate from the proposed facility; photographs used in the simulation shall be taken at high resolution and contrast, using a full frame digital camera with a 50 millimeter fixed focal length lens or digital equivalent that creates an angle of view that closely matches human visual perception, under clear weather conditions and at a time of day that provides optimal clarity and contrast, and shall avoid if feasible showing any utility poles, fences, walls, trees, shrubs, foliage, and other foreground objects and obstructions; photosimulations shall be printed at high resolution at 15.3 inches by 10.2 inches, or 390 millimeters by 260 millimeters; at least one set of photosimulations shall represent winter season conditions without the presence of foliage typical of other seasons; photosimulations shall meet the following additional requirements:

a. Field conditions in which a viewpoint is photographed shall be recorded including:

1. Global Position System (GPS) location points with an accuracy of at least 3 meters for each simulation viewpoint to ensure repeatability;



2. Camera make and model and lens focal length;

3. All camera settings at the time the photograph is taken; and

4. Date, time and weather conditions at the time the photograph is taken;

b. When simulating the presence of proposed wind turbines, the following shall apply:

1. Turbines shall be placed with full frontal views and no haze or fog effect applied;

2. Turbines shall reasonably represent the shape of the intended turbines for a project including the correct hub height and rotor diameter;

3. Turbine blades shall be set at random angles with some turbines showing a blade in the 12 o'clock position; and

4. The lighting model used to render wind turbine elements shall correspond to the lighting visible in the base photograph;

(8) If the proposed facility is required by Federal Aviation Administration regulations to install aircraft warning lighting or if the proposed facility would include other nighttime lighting, a description and characterization of the potential visual impacts of this lighting, including the number of lights visible and their distance from key observation points; and

(9) A description of the ~~best practical~~ measures planned to avoid, minimize, or mitigate ~~the~~ potential ~~visual impacts~~ adverse effects of the proposed facility, and of any visible plume that would emanate from the proposed facility, and the alternative measures considered but rejected by the applicant.

Site 301.06 Effects on Historic Sites. Each application shall include the following information regarding the ~~effects~~ identification of ~~historic sites~~ and plans for avoiding, minimizing, or mitigating ~~any unreasonable potential~~ adverse effects of, the proposed energy facility on historic sites:

(a) ~~Demonstrate~~ Demonstration that project review of the proposed facility has been initiated for purposes of compliance with Section 106 of the National Historic Preservation Act, ~~4654~~ U.S.C. §~~4703~~ 306108, or RSA 227-C:9, as applicable;

~~(b) Identify all~~ Identification of all historic sites and areas of potential archaeological sensitivity located ~~in the proposed facility area;~~

~~(c) Identify all historic resources located in the proposed facility area or~~ within the area of potential effects, as defined in 36 C.F.R. §800.16(d);

~~Identify the best practical~~

(c) Finding or determination by the division of historical resources of the department of cultural resources and, if applicable, the lead federal agency, that no historic properties would be affected, that there would be no adverse effects, or that there would be adverse effects to historic properties, if such a finding or determination has been made prior to the time of application.

~~(d)~~ Description of the measures planned to avoid, minimize, or mitigate potential adverse effects on historic sites and archaeological and historic resources;

~~(e)~~(d) Describe, and the applicant's plans to implement any alternative measures identified pursuant to (d) above considered but rejected by the applicant; and

~~(f)~~(c) DescribeDescription of the status of the applicant's consultations with the New Hampshire Division of Historical Resourcesdivision of historical resources of the department of cultural resources, and, if applicable, with the lead federal agency-, and, to the extent known to the applicant, any consulting parties, as defined in 36 C.F.R. §800.2(c).

Site 301.07 Effects on Environment. Each application shall include the following information regarding the effects of, and plans for avoiding, minimizing, or mitigating any unreasonable potential adverse effects of, the proposed energy facility on air quality, water quality, and the natural environment:

(a) Information including the applications and permits filed pursuant to Site 301.03(d) regarding issues of air quality;

(b) Information including the applications and permits filed pursuant to Site 301.03(d) regarding issues of water quality;

(c) Information regarding the natural environment, including the following:

(1) ~~(1)~~DescribeDescription of how the applicant identified significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities potentially affected by construction and operation of the proposed facility, including communications with and documentation received from the New Hampshire Departmentdepartment of Fishfish and Gamegame, the New Hampshire Natural Heritage Bureaunatural heritage bureau, the United States Fish and Wildlife Service, and any other federal or state agencies having permitting or other regulatory authority over fish, wildlife, and other natural resources;

(2) ~~Identify~~Identification of significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities potentially affected by construction and operation of the proposed facility;

(3) ~~Identify~~Identification of critical wildlife habitat and significant habitat resources potentially affected by construction and operation of the proposed facility;

(4) ~~Assess~~Assessment of potential impacts of construction and operation of the proposed facility on significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities, and on critical wildlife habitat and significant habitat resources, including fragmentation or other alteration of terrestrial or aquatic significant habitat resources;

(5) ~~Describe~~Description of the ~~best practical~~ measures planned to avoid, minimize, or mitigate potential adverse impacts of construction and operation of the proposed facility on wildlife species, rare plants, rare natural communities, and other exemplary natural communities, and on critical wildlife habitat and significant habitat resources, and the alternative measures considered but rejected by the applicant; and

(6) ~~Describe~~Description of the status of the applicant's ~~consultations~~discussions with the New Hampshire Departmentdepartment of Fishfish and Gamegame, the New Hampshire Natural

~~Heritage Bureau~~natural heritage bureau, the United States Fish and Wildlife Service, and any other federal or state agencies having permitting or other regulatory authority over fish, wildlife, and other natural resources.

Site 301.08 Effects on Public Health and Safety. Each application shall include the following information regarding the effects of, and plans for avoiding, minimizing, or mitigating ~~any~~ unreasonable potential adverse effects of, the proposed energy facility on public health and safety:

(a) For proposed wind energy systems:

(1) ~~Include a~~A sound impact assessment prepared in accordance with professional standards by an expert in the field, which assessment shall include the reports of a preconstruction sound background study and a sound modeling study, as ~~follows:~~specified in Site 301.18;

~~a. The preconstruction sound background study shall:~~

~~(2) 1. Use measurement procedures that are consistent with the most recent versions of ANSI S12.18 and ANSI S12.9, Part 3 (with or without an observer present) guidelines; An assessment that identifies the astronomical maximum as well as the anticipated hours per year of shadow flicker expected to be perceived at each residence, learning space, workplace, health care setting, public gathering area (outdoor and indoor), other occupied building, and roadway, within a minimum of 1 mile of any turbine, based on shadow flicker modeling that assumes an impact distance of at least 1 mile from each of the turbines;~~

Description of

~~2. Include measurements taken using a sound meter that meets or exceeds the most current version of ANSI S1.4 specifications for a Type II sound meter; and~~

~~3. Be conducted in locations that are representative of nearby sound receptors, including occupied permanent residences, schools, day care centers, health care facilities, elderly care facilities, places of worship, operating businesses, and municipal buildings;~~

~~The preconstruction sound background study report shall:~~

~~1. Include a map showing proposed wind turbine locations and all permanently occupied residences, schools, day care centers, health care facilities, elderly care facilities, places of worship, operating businesses, and municipal buildings located within the study area;~~

~~2. Indicate topography, temperature, weather conditions, sources of ambient sound, and prevailing wind direction for the monitoring period; and~~

~~3. Describe the test locations with GPS coordinates or a similar level of detail that permits others to identify the specific test locations;~~

~~b. The sound modeling study shall:~~

~~1. Be performed based on the most recent version of International Organization for Standards ISO 9613-2; and~~

~~2. Use wind turbine sound power levels determined according to the most recent version of International Electrotechnical Commission Standard IEC 61400, Part 11;~~

~~c. The sound modeling study report shall:~~

~~1. Include the results of the modeling described in (c) above as well as a map with sound contour lines showing dBA sound emitted from the proposed wind energy system at 5 dBA intervals;~~

~~2. Include locations out to the 35 dBA sound contour line or 2 miles from any wind turbine included in the proposed facility, whichever is closer to the nearest wind turbine; and~~

~~3. Show proposed wind turbine locations and all occupied permanent residences, schools, day care centers, health care facilities, elderly care facilities, places of worship, operating businesses, and municipal buildings located within the study area;~~

~~(2) Include a report evaluating the shadow flicker expected to be perceived at all buildings occupied or used for another purpose, which report shall be based upon computer modeling programs and input data defining the most conservative case scenario, including the astronomical maximum shading duration;~~

(3) ~~Describe~~ planned setbacks that indicate the distance between each wind turbine and the nearest ~~nonparticipating~~ landowner's existing ~~occupied~~ building and property line, and between each wind turbine and the nearest public road and overhead ~~utility line~~ or underground energy infrastructure or energy transmission pipeline within 2 miles of such wind turbine, and explain why the indicated distances are adequate to protect the public from risks associated with the operation of the proposed wind energy facility;

(4) ~~Include an~~ assessment of the risks of ice throw, blade shear, and tower collapse on public safety, including a description of the ~~best practical~~ measures taken or planned to avoid or minimize the occurrence of such events, if necessary, and the alternative measures considered but rejected by the applicant;

(5) ~~Describe~~ Description of the lightning protection system planned for the proposed facility;

(6) ~~Describe~~ Description of any determination made by the Federal Aviation Administration regarding whether any hazard to aviation is expected from any of the wind turbines included in the proposed facility, and describe the Federal Aviation Administration's lighting, turbine color, and other requirements for the wind turbines;

(7) ~~Include a decommissioning plan providing~~ A decommissioning plan prepared by an independent, qualified person with demonstrated knowledge and experience in wind generation projects and cost estimates, which plan shall provide for removal of all structures and restoration of the facility site with a description of sufficient and secure funding to implement the plan, which shall not account for the anticipated salvage value of facility components or materials, including the provision of financial assurance in the form of an irrevocable standby letter of credit, performance bond, ~~or surety bond~~; and surety bond, or unconditional payment guaranty executed by a parent company of the facility owner maintaining at all times an investment grade credit rating;

(8) ~~Include a~~ The decommissioning plan required under (7) above shall include each of the following:

a. All turbines, including the blades, nacelles and towers, shall be disassembled and transported off-site;

b. All transformers shall be transported off-site;

c. The overhead power collection conductors and the power poles shall be removed from the site;

d. All underground infrastructure at depths less than four feet below grade shall be removed from the site and all underground infrastructure at depths greater than four feet below finished grade shall be abandoned in place; and

e. Areas where subsurface components are removed shall be filled, graded to match adjacent contours, reseeded, stabilized with an appropriate seed and allowed to re-vegetate naturally;

(9) A plan for fire protection for the proposed facility prepared by or in consultation with a fire safety expert; and

-(10) An assessment of the risks that the proposed facility will interfere with the weather radars used for severe storm warning or any local weather radars.

\_\_\_\_(b) For electric transmission facilities:

Include, an assessment of electric and magnetic fields generated by the proposed facility and the potential impacts of such fields on public health and safety; based on established scientific knowledge, and -an assessment of the risks of collapse of the towers, poles, or other supporting structures, and the potential adverse effects of any such collapse.

(c) For all energy facilities:

Include(1) Except as otherwise provided in (a)(1) above, an assessment of operational sound associated with the proposed facility, if the facility would involve use of equipment that might reasonably be expected to increase sound by 10 decibel A-weighted (dBA) or more over ambientbackground levels (measured at the L-90 sound level) at the property boundary of the proposed facility site or, in the case of an electric transmission line or an energy transmission pipeline, at the edge of the right-of-way; or-at the edge of the property boundary if the proposed facility, or portion thereof, will be located on land owned, leased or otherwise controlled by the applicant or an affiliate of the applicant;

(e) For all energy facilities:

(1) Include an assessment of operational sound, except as provided elsewhere herein;

(2) Include aA facility decommissioning plan withprepared by an independent, qualified person with demonstrated knowledge and experience in similar energy facility projects and cost estimates, which plan shall include a description of sufficient and secure funding to implement the plan, which shall not account for the anticipated salvage value of facility components or materials, including the provision of financial assurance in the form of an irrevocable standby letter of credit, performance bond, or surety bond;surety bond, or unconditional payment guaranty executed by a parent company of the facility owner maintaining at all times an investment grade credit rating; the decommissioning plan shall include each of the following:

Include a. All transformers shall be transported off-site; and

b. All underground infrastructure at depths less than four feet below grade shall be removed from the site and all underground infrastructure at depths greater than four feet below finished grade shall be abandoned in place;

- (3) A plan for fire safety prepared by or in consultation with a fire safety expert;
- (4) ~~Include a~~ A plan for emergency response to the proposed facility site; and
- (5) ~~Include a~~ A description of any additional ~~plans or~~ measures taken or planned to avoid, minimize, or mitigate public health and safety impacts that would result from the construction and operation of the proposed facility, and the alternative measures considered but rejected by the applicant.

Site 301.09 Effects on Orderly Development of Region. Each application shall include information regarding the effects of the proposed energy facility on the orderly development of the region, including the views of municipal and regional planning commissions and municipal governing bodies regarding the proposed facility, if such views have been expressed in writing, and master plans of the affected communities and zoning ordinances of the proposed facility host municipalities and unincorporated places, and the applicant's estimate of the effects of the construction and operation of the facility on:

(a) Land use in the region, including the following:

- (1) A description of the prevailing land uses in the ~~host~~affected communities ~~and communities abutting the proposed facility;~~ and
- (2) A description of how the proposed facility is consistent with such land uses and identification of how the proposed facility is inconsistent with such land uses;

(b) The economy of the region, including an assessment of:

- (1) The economic effect of the facility on the ~~host~~affected communities ~~and communities abutting the proposed facility;~~
- (2) The economic effect of the proposed facility on in-state economic activity during construction and operation periods;
- (3) The effect of the proposed facility on State and ~~local~~ tax revenues and the tax revenues of the host and regional communities;
- (4) The effect of the proposed facility on ~~regional~~ real estate values in the affected communities;
- (5) The effect of the proposed facility on tourism and recreation ~~in the host communities; and communities abutting the facility; and~~
- (6) The effect of the proposed facility on community services and ~~regional~~ infrastructure;

(c) Employment in the region, including an assessment of:

(1) The number and types of full-time equivalent local jobs expected to be created, preserved, or otherwise affected by the construction of the proposed facility, including direct construction employment and indirect employment induced by facility-related wages and expenditures; and

(2) The number and types of full-time equivalent jobs expected to be created, preserved, or otherwise affected by the operation of the proposed facility, including direct employment by the applicant and indirect employment induced by facility-related wages and expenditures.

#### Site 301.10 Completeness Review and Acceptance of Applications for Energy Facilities.

(a) Upon the filing of an application for an energy facility, the committee shall forward to each of the other state agencies having permitting or other regulatory authority ~~and to other state agencies identified in administrative rules~~, under state or federal law, to regulate any aspect of the construction or operation of the proposed facility, a copy of the application for the agency's review as described in RSA 162-H:7, IV.

(b) The committee also shall forward a copy of the application to the department of fish and game, the department of health and human services, the division of historical resources of the department of cultural resources, the natural heritage bureau, the governor's office of energy and planning, and the division of fire safety of the department of safety, unless any such agency or office has been forwarded a copy of the application under (a) above.

(c) ~~(b)~~ Upon receiving an application, the committee shall conduct a preliminary review to ascertain if the application contains sufficient information for the committee to review the application under RSA 162-H and these rules.

(ed) Each state agency having permitting or other regulatory authority shall have 45 days from the time the committee forwards the application to notify the committee in writing whether the application contains sufficient information for ~~the agency to begin its review purposes.~~

(de) Within 60 days after the filing of the application, the committee shall determine whether the application is administratively complete and has been accepted for review.

(ef) If the committee determines that an application is administratively incomplete, it shall notify the applicant in writing, specifying each of the areas in which the application has been deemed incomplete.

(fg) If the applicant is notified that its application is administratively incomplete, the applicant may file a new and more complete application or complete the filed application by curing the specified defects within 10 days of the applicant's receipt of notification of incompleteness.

(gh) If, within the 10-day time frame, the applicant files a new and more complete application or completes the filed application, in either case curing the defects specified in the notification of incompleteness, the committee shall, no later than 14 days after receipt of the new or completed application, accept the new or completed application.

(hi) If the new application is not complete or the specified defects in the filed application remain uncured, the committee shall notify the applicant in writing of its rejection of the application and instruct the applicant to file a new application.

#### Site 301.11 Exemption Determination.

~~— (a) The committee shall have the authority to exempt an applicant from the approval and certificate provisions of RSA 162-H and the rules of the committee according to this section.~~



~~(b)~~ (a) Within 60 days of acceptance of an application or the filing of a petition for exemption, the committee shall exempt the applicant from the approval and certificate provisions of RSA 162-H and these rules, if the committee finds that:

(1) Existing state or federal statutes, state or federal agency rules or municipal ordinances provide adequate ~~consideration and~~ protection of the objectives set forth in RSA 162-H:1;

(2) Consideration of the proposed energy facility by only selected agencies represented on the committee is required and the objectives of RSA 162-H:1 can be met by those agencies without exercising the provisions of RSA 162-H;

(3) Response to the application or request for exemption from the general public, provided through written submissions or in the adjudicative proceeding provided for in (b) below, indicates that the objectives of RSA 162-H:1 are met through the individual review processes of the participating agencies; and

(4) All environmental impacts or effects are adequately regulated by other federal, state, or local statutes, rules, or ordinances.

(eb) The committee shall make the determination described in (ba) above after conducting an adjudicative proceeding that includes a public hearing held in a county where the energy facility is proposed to be located.

#### Site 301.12 Timeframe for Application ~~Review~~Review.

(a) Pursuant to RSA 162-H:7, VI-b, each state agency having permitting or other regulatory authority over the proposed energy facility shall report its progress to the committee within 150 days after application acceptance, outlining draft permit conditions and specifying additional data requirements necessary to make a final decision on the parts of the application that relate to its permitting or other regulatory authority;

(b) Pursuant to RSA 162-H:7, VI-c, each state agency having permitting or other regulatory authority over the proposed energy facility shall make and submit to the committee a final decision on the parts of the application that relate to its permitting and other regulatory authority, no later than 240 days after application acceptance.

(c) ~~The~~Pursuant to RSA 162-H:7, VI-d, the committee shall issue or deny a certificate for an energy facility within 365 days after application acceptance.

(d) ~~The~~Pursuant to RSA 162-H:14, I, the committee shall temporarily suspend its deliberations and the time frames set forth in this section at any time while an application is pending before the committee, if it finds that such suspension is in the public interest.

#### Site 301.13 Criteria Relative to Findings of Financial, Technical, and Managerial Capability.

(a) In determining whether an applicant has the financial capability to construct and operate the proposed energy facility, the committee shall consider:

(1) The applicant's experience in securing funding to construct and operate energy facilities similar to the proposed facility;



- (2) The experience and expertise of the applicant and its advisors, to the extent the applicant is relying on advisors;
  - (3) The applicant's statements of current and pro forma assets and liabilities; and
  - (4) Financial commitments the applicant has obtained or made in support of the construction and operation of the proposed facility.
- (b) In determining whether an applicant has the technical capability to construct and operate the proposed facility, the committee shall consider:
- (1) The applicant's experience in designing, constructing, and operating energy facilities similar to the proposed facility; and
  - (2) The experience and expertise of any contractors or consultants engaged or to be engaged by the applicant to provide technical support for the construction and operation of the proposed facility, if known at the time.
- (c) In determining whether an applicant has the managerial capability to construct and operate the proposed facility, the committee shall consider:
- (1) The applicant's experience in managing the construction and operation of energy facilities similar to the proposed facility; and
  - (2) The experience and expertise of any contractors or consultants engaged or to be engaged by the applicant to provide managerial support for the construction and operation of the proposed facility, if known at the time.

Site 301.14 Criteria Relative to Findings of Unreasonable Adverse Effects.

- (a) In determining whether a proposed energy facility will have an unreasonable adverse effect on aesthetics, the committee shall consider:
- (1) The existing character of the area of potential visual ~~effect in the host community and communities abutting or in the vicinity of the proposed facility~~ impact;
  - (2) The significance of affected scenic resources and their distance from the proposed facility;
  - (3) The extent, nature, and duration of public uses of affected scenic resources;
  - (4) The scope and scale of the change in the landscape visible from affected scenic resources;
  - (5) The evaluation of the overall daytime and nighttime visual impacts of the facility as described in the visual impact assessment submitted by the applicant and other relevant evidence submitted pursuant to Site 202.24;
  - (6) ~~Whether The extent to which~~ the proposed facility would be a dominant ~~feature of a landscape in which existing human development is not already a~~ prominent feature within a natural or cultural landscape of high scenic quality or as viewed from ~~affected~~ scenic resources;
  - ~~(7) Whether the visibility of the proposed facility would offend the sensibilities of a reasonable person during daytime or nighttime periods~~ high value or sensitivity; and

~~(8)-7)~~ The effectiveness of the ~~best practical~~ measures ~~planned~~ proposed by the applicant to avoid, minimize, or mitigate unreasonable adverse effects on aesthetics, and the extent to which such measures represent best practical measures.

(b) In determining whether a proposed energy facility will have an unreasonable adverse effect on historic sites, the committee shall consider:

~~(1) Consider the nature and significance of All of the historic sites and archaeological resources identified potentially affected by the applicant proposed facility and any anticipated potential adverse effects on such sites and resources;~~

~~(2) Consider the~~ The number and significance of any adversely affected historic sites and archeological resources, taking into consideration the size, scale, and nature of the proposed facility;

~~(3) The extent, nature, and duration of the potential adverse effects on historic sites and archeological resources;~~

~~(4) Findings and determinations by the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the lead federal agency, of the proposed facility's effects on historic sites as determined under Section 106 of the National Historic Preservation Act, 54 U.S.C. §306108, or RSA 227-C:9; and~~

~~(2)(5)~~ The effectiveness of the measures proposed by the applicant to avoid, minimize, or mitigate unreasonable adverse effects on historic sites and archaeological resources; and the extent to which such measures represent best practical measures.

~~(3) Consider the status of the applicant's consultations with the New Hampshire Division of Historical Resources and, if applicable, the federal lead agency.~~

(c) In determining whether a proposed energy facility will have an unreasonable adverse effect on air quality, the committee shall consider the determinations of the New Hampshire ~~Department of Environmental Services~~ department of environmental services with respect to applications or permits identified in Site 301.03(d) and other relevant evidence submitted pursuant to Site 202.24.

(d) In determining whether a proposed energy facility will have an unreasonable adverse effect on water quality, the committee shall consider the determinations of the New Hampshire ~~Department of Environmental Services~~ department of environmental services, the United States Army Corps of Engineers, and other state or federal agencies having permitting or other regulatory authority, under state or federal law, to regulate any aspect of the construction or operation of the proposed facility, with respect to applications and permits identified in Site 301.03(d), and other relevant evidence submitted pursuant to Site 202.24.

(e) In determining whether construction and operation of a proposed energy facility will have an unreasonable adverse effect on the natural environment, including wildlife species, rare plants, rare natural communities, and other exemplary natural communities, the committee shall consider:

(1) The significance of the affected resident and migratory fish and wildlife species, rare plants, rare natural communities, and other exemplary natural communities, including the size, prevalence, dispersal, migration, and viability of the populations in or using the area;

- (2) The nature, extent, and duration of the potential effects on the affected resident and migratory fish and wildlife species, rare plants, rare natural communities, and other exemplary natural communities;
  - (3) The nature, extent, and duration of the potential fragmentation or other alteration of terrestrial or aquatic significant habitat resources or migration corridors;
  - (4) The ~~views~~analyses and recommendations, if any, of the ~~New Hampshire Department of Fish and Game~~natural heritage bureau, the United States Fish and Wildlife Service, and other agencies authorized to identify and manage significant wildlife species, rare plants, rare natural communities, and other exemplary natural communities;
  - (5) The ~~best-practice~~effectiveness of measures undertaken or planned to avoid, minimize, or mitigate potential adverse effects on the affected wildlife species, rare plants, rare natural communities, and other exemplary natural communities, and the extent to which such measures represent best practical measures;
  - (6) The ~~best-practice~~effectiveness of measures undertaken or planned to avoid, minimize, or mitigate potential adverse effects on terrestrial or aquatic significant habitat resources, and the extent to which such measures represent best practical measures; and
  - (7) Whether conditions should be included in the certificate for post-construction monitoring and reporting and for adaptive management to address potential adverse effects that cannot reliably be predicted at the time of application.
- (f) In determining whether a proposed energy facility will have an unreasonable adverse effect on public health and safety, the committee shall:
- (1) For all energy facilities, consider the information submitted pursuant to Site 301.08 and other relevant evidence submitted pursuant to Site 202.24, the potential adverse effects of construction and operation of the proposed facility on public health and safety, the effectiveness of measures undertaken or planned to avoid, minimize, or mitigate such potential adverse effects, and the extent to which such measures represent best practical measures;
  - (2) For wind energy systems, apply the following standards:
    - a. ~~Sound Standards:~~With respect to sound standards, the A-weighted equivalent sound levels produced by the applicant's energy facility during operations shall not exceed the greater of 45 dBA or 5 dBA above ~~ambient~~background levels (measured at the L-90 sound level) between the hours of 8:00 a.m. and 8:00 p.m. each day, and the greater of 40 dBA or 5 dBA above ~~ambient~~background levels (measured at the L-90 sound level) at all other times during each day, as measured ~~at the exterior wall of using microphone placement at least 7.5 meters from any existing permanently occupied surface where reflections may influence measured sound pressure levels, on property that is used in whole or in part for permanent or temporary residential purposes, at a location between the nearest building on a non-participating landowner's property, or at the non-participating landowner's~~ the property line if it is less than 300 feet from an existing occupied building used for such purposes and these sound levels shall not be exceeded for more than 3 minutes within any 60 minute period; the closest wind turbine; and

b. ~~Shadow Flicker Standard: Shadow~~With respect to shadow flicker, the shadow flicker created by the applicant's energy facility during operations shall not occur more than ~~308~~ hours per year ~~at or 30 minutes per day~~ within any residence, learning space, workplace, health care setting, public gathering area (outdoor and indoor), or other occupied permanent residence of a non-participating landownerbuilding;

~~c. —Setback Standards: The setback distance between a wind turbine tower and a non-participating landowner's existing permanently occupied building shall be no less than 3 times the turbine tower height as measured from the center of the wind turbine base to the nearest point of the foundation of the permanently occupied building, the setback distance between a wind turbine tower and a non-participating landowner's property line shall be no less than 1.1 times the turbine tower height as measured from the center of the wind turbine base, and the setback distance between a wind turbine tower and the nearest public road shall be no less than 1.5 times the turbine tower height as measured from the center of the wind turbine base to the right-of-way line of the public road, in each case with the turbine tower height measured from the base of the turbine foundation to the tip of the blade in the vertical position; and~~

~~d. —Participating Landowners: The applicant's energy facility may exceed the sound, shadow flicker, and setback requirements set forth in a., b., and c. above with respect to any residence, occupied building, or other property if the owner thereof has agreed in writing to waive those requirements.~~

(3) For wind energy systems, consider the proximity and use of buildings, property lines, public roads, and overhead and underground energy infrastructure and energy transmission pipelines, the risks of ice throw, blade shear, tower collapse, and other potential adverse effects of facility operation, and the effectiveness of measures undertaken or planned to avoid, minimize, or mitigate such potential adverse effects, and the extent to which such measures represent best practical measures; and

(4) For electric transmission lines, consider the proximity and use of buildings, property lines, and public roads, the risks of collapse of towers, poles, or other supporting structures, the potential impacts on public health and safety of electric and magnetic fields generated by the proposed facility, and the effectiveness of measures undertaken or planned to avoid, minimize, or mitigate such potential adverse effects, and the extent to which such measures represent best practical measures.

(g) In determining whether to grant a certificate of site and facility for a proposed energy facility, the committee shall consider cumulative impacts to public health and safety, natural, wildlife, habitat, scenic, recreational, historic, and cultural resources, including aesthetic impacts and sound impacts, and, with respect to aesthetics, the potential impacts of combined observation, successive observation, and sequential observation of energy facilities by the viewer.

Site 301.15 Criteria Relative to a Finding of Undue Interference. In determining whether a proposed energy facility will unduly interfere with the orderly development of the region, the committee shall consider:

(a) The extent to which the siting, construction, and operation of the proposed facility will affect land use, employment, and the economy of the ~~county or counties in which the facility is proposed to be located~~region;

(b) The provisions of § and financial assurances for § the proposed decommissioning plan for the proposed facility; and

(c) The views of municipal and regional planning commissions and municipal governing bodies regarding the proposed facility.

~~Site 301.16~~ Additional Criteria Relative to Wind Energy Systems-Finding of Public Interest. In ~~addition to the criteria set forth in Site 301.13 through 301.15, in~~ determining whether ~~to grant a certificate of site and a proposed energy facility for a proposed wind energy system will serve the public interest~~, the committee shall consider:

(a) ~~Cumulative impacts~~The beneficial and adverse environmental effects of the facility, including effects on air and water quality, wildlife, and natural resources;

(b) The beneficial and adverse economic effects of the facility, including the costs and benefits to energy consumers, property owners, state and local tax revenues, employment opportunities, and local and regional economies;

(c) The extent to which construction and operation of the facility will be consistent with federal, regional, state, and local plans and policies, including those specified in RSA 378:37 and RSA 362-F:1;

(d) The municipal master plans and land use regulations pertaining to (i) natural, scenic, recreational, historic, and cultural resources, including with respect to and (ii) public health and safety, air quality, economic development, and energy resources; and

(e) The extent to which siting, construction, and operation of the facility will have impacts on and benefits to the welfare of the population, the location and growth of industry, historic sites, aesthetics, the potential impacts use of combined observation, successive observation, natural resources, and sequential observation, public health and safety, consistent with RSA 162-H:1.

Site 301.17 Conditions of Certificate. In determining whether a certificate shall be issued for a ~~proposed energy facilities~~facility, the committee shall consider whether the following conditions should be included in the certificate:

(a) A requirement that the certificate holder promptly notify the committee of any proposed or actual change in the ownership or ownership structure of the holder or its affiliated entities and request approval of the committee of such change;

(b) A requirement that the certificate holder promptly notify the committee of any proposed or actual material change in the location, configuration, design, specifications, construction, operation, or equipment components of the energy facility subject to the certificate and request approval of the committee of such change;

(c) A requirement that the certificate holder continue consultations with the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the federal lead agency, and comply with any agreement or memorandum of understanding entered into with the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the federal lead agency;

(d) Delegation to the administrator or another state agency or official of the authority to monitor the construction or operation of the energy facility subject to the certificate and to ensure that related terms and conditions of the certificate are met;

(e) Delegation to the administrator or another state agency or official of the authority to specify the use of any technique, methodology, practice, or procedure approved by the viewer; and committee within the certificate and with respect to any permit, license, or approval issued by a state agency having permitting or other regulatory authority;

~~(b) Best practical measures~~(f) Delegation to the administrator or another state agency or official of the authority to specify minor changes in route alignment to the extent that such changes are authorized by the certificate for those portions of a proposed electric transmission line or energy transmission pipeline for which information was unavailable due to conditions which could not have been reasonably anticipated prior to the issuance of the certificate;

(g) A requirement that the energy facility be sited subject to setbacks or operate with designated safety zones in order to avoid, mitigate, or minimize, or mitigate potential adverse effects on public health and safety;

(h) Other conditions necessary to ensure construction and operation of the energy facility subject to the certificate in conformance with the specifications of the application; and

(i) Any other conditions necessary to serve the objectives of RSA 162-H or to support findings made pursuant to RSA 162-H:16.

#### Site 301.18 Sound Study Methodology.

(a) The methodology for conducting a preconstruction sound background study for a wind energy system shall include:

(1) Adherence to the ANSI/ASA S12.9-2013 Part 3 standard, a standard that requires short-term attended measurements;

(2) Long-term unattended monitoring shall be conducted in accordance with the ANSI S12.9-1992 2013 Part 2 standard, provided that audio recordings are taken in order to clearly identify and remove transient noises from the data, with frequencies above 1250 hertz 1/3 octave band to be filtered out of the data;

(3) Measurements shall be conducted at the nearest properties from the proposed wind turbines that are representative of all residential properties within 2 miles of any turbine; and

(4) Sound measurements shall be omitted when the wind velocity is greater than 4 meters per second at the microphone position, when there is rain, or with temperatures below instrumentation minima; following ANSI S12.9-2013 Part 3 protocol, microphones shall be placed 1 to 2 meters above ground level, and at least 7.5 meters from any reflective surface; a windscreen of the type recommended by the monitoring instrument's manufacturer must be used for all data collection; microphones should be field-calibrated before and after measurements; and an anemometer shall be located within close proximity to each microphone.

(b) Pre-construction sound reports shall include a map or diagram clearly showing the following:

- (1) Layout of the project area, including topography, project boundary lines, and property lines;
- (2) Locations of the sound measurement points;
- (3) Distance between any sound measurement point and the nearest wind turbine;
- (4) Location of significant local non-turbine sound and vibration sources;
- (5) Distance between all sound measurement points and significant local sound sources;
- (6) Location of all sensitive receptors including schools, day-care centers, health care facilities, residences, residential neighborhoods, places of worship, and elderly care facilities;
- (7) Indication of temperature, weather conditions, sources of ambient sound, and prevailing wind direction and speed for the monitoring period; and
- (8) Final report shall provide A-weighted and C-weighted sound levels for L-10, Leq, and L-90.

(c) The predictive sound modeling study shall:

- (1) Be conducted in accordance with ISO 9613-2 1996-12-15 standards and specifications;
- (2) Include an adjustment to the Leq sound level produced by the model applied in order to adjust for turbine manufacturer uncertainty, such adjustment to be determined in accordance with the most recent release of the IEC 61400 Part 11 standard (Edition 3.0 2012-11);
- (3) Include predictions to be made at all properties within 2 miles from the project wind turbines for the wind speed and operating mode that would result in the worst case wind turbine sound emissions during the hours before 8:00 a.m. and after 8:00 p.m. each day; and
- (4) Incorporate other corrections for model algorithm error to be disclosed and accounted for in the model.

(d) The predictive sound modeling study report shall:

- (1) Include the results of the modeling described in (c)(3) above as well as a map with sound contour lines showing dBA sound emitted from the proposed wind energy system- at 5 dBA intervals;
- (2) Include locations out to 2 miles from any wind turbine included in the proposed facility; and
- (3) Show proposed wind turbine locations and the location of all sensitive receptors, including schools, day-care centers, health care facilities, residences, residential neighborhoods, places of worship, and elderly care facilities;

(e) Post-construction noise compliance monitoring shall include:

- (1) Adherence to the ANSI/ASA S12.9-2013 Part 3 standard that requires short-term attended measurements to ensure transient noises are removed from the data; measurements shall

include at least one nighttime hour where turbines are operating at full sound power with winds less than 3 meters per second at the microphone;

(2) Unattended long-term monitoring shall also be conducted;

(3) Sound measurements shall be omitted when there is rain, or when temperatures are below instrumentation minima; microphones shall be placed 1 to 2 meters above ground level and at least 7.5 meters from any reflective surface, following ANSI/ASA S12.9-2013 Part 3 protocols; proper microphone screens shall be required; microphones shall be field-calibrated before and after measurements; and an anemometer shall be located within close proximity to each microphone;

(4) Monitoring shall involve measurements being made with the turbines in both operating and non-operating modes, and supervisory control and data acquisition system data shall be used to record hub height wind speed and turbine power output;

(5) Locations shall be pre-selected where noise measurements will be taken and shall be the same locations at which predictive sound modeling study measurements were taken pursuant to subsection (c) above; measurements shall be performed at night with winds above 4.5 meters per second at hub height and less than 3 meters per second at ground level;

(6) All sound measurements during post-construction monitoring shall be taken at 0.125-second intervals measuring both fast response and Leq metrics; and

(7) Post-construction monitoring surveys shall be conducted once within 3 months of commissioning, and once during each season thereafter for the first year; additional surveys shall be conducted at the request of the committee or the administrator; adjustments to this schedule shall be permitted subject to review by the committee or the administrator.

(f) Post-construction sound monitoring reports shall include a map or diagram clearly showing the following:

(1) Layout of the project area, including topography, project boundary lines, and property lines;

(2) Locations of the sound measurement points; and

(3) Distance between any sound measurement point and the nearest wind turbine.

(g) For each sound measurement period during post-construction monitoring, reports shall include each of the following measurements:

(1) LAeq, LA-10, and LA-90; and

(2) LCeq, LC-10, and LC-90.

(h) Noise emissions shall be free of audible tones, and if the presence of a pure tone frequency is detected, a 5 dB penalty shall be added to the measured dBA sound level.

(i) Validation of noise complaints submitted to the committee shall require field sound surveys, except as determined by the administrator to be unwarranted, which field studies shall be conducted under the



same meteorological conditions as occurred at the time of the alleged exceedance that is the subject of the complaint.

## SITE 302 ENFORCEMENT OF TERMS AND CONDITIONS

### Site 302.01 Determination of Certificate Violation.

(a) Whenever the committee or the administrator as designee determines, on its own or in response to a complaint, that any term or condition of an issued certificate is being violated, it shall give written notice to the person holding the certificate of the specific violation and order the person to immediately terminate the violation.

(b) The person holding the certificate shall provide full access to the site of the energy facility subject to the certificate for purposes of inspection and monitoring by the administrator or another authorized representative of the committee, ~~at reasonable times and subject to reasonable conditions.~~

~~(c)~~  
~~(e) Except in the case of an emergency or when the chairperson or the administrator has determined based on credible information that a violation has occurred and is or may be ongoing, the chairperson or the administrator shall provide 5 days prior written notice of any inspection to be conducted pursuant to (b) above to the holder of the certificate.~~

~~(d)~~ If the person holding the certificate has failed or neglected to terminate a specified violation within 15 days after receipt of the notice and order issued pursuant to (a) above, the committee shall commence a proceeding to suspend the person's certificate.

~~(ed)~~ Except in the case of an emergency, the committee shall give written notice of its consideration of suspension and of its reasons ~~therefor~~ for consideration of suspension and shall provide an opportunity for an adjudicative hearing pursuant to Site 201 with respect to the proposed suspension.

~~(fe)~~ Except in the case of an emergency, the committee shall provide 14 days prior written notice of the hearing referred to in ~~(ed)~~ above to the holder of the certificate and to the complainant, if any.

~~(g)~~ If (f) Pursuant to RSA 162-H:12, I, if the committee determines following the adjudicative hearing that a certificate violation has occurred and is continuing, the committee may issue an order that suspends the holder's certificate until such time as the violation has been corrected.

### Site 302.02 Determination of Misrepresentation or Non-Compliance.

(a) If the committee determines that a person has made a material misrepresentation in the application or in any supplemental or additional statements of fact or studies required of the applicant, or if the committee determines that the person has violated the provisions of RSA 162-H or the rules of the committee, the committee shall commence an adjudicative proceeding to suspend the certificate held by such person.

(b) Except in the case of an emergency, the committee shall give written notice of its consideration of suspension and of its reasons therefor and shall provide an opportunity for an adjudicative hearing pursuant to Site 201 with respect to the proposed suspension.

(c) Except in the case of an emergency, the committee shall provide 14 days prior written notice of the hearing referred to in (b) above to the holder of the certificate.

(d) ~~¶~~Pursuant to RSA 162-H:12, II, if the committee determines following the adjudicative hearing that a material misrepresentation or violation of RSA 162-H or its rules has occurred, the committee may issue an order that suspends the holder's certificate until such time as the holder has corrected and mitigated the consequences of such misrepresentation or violation.

(e) If the holder's certificate is suspended by order of the committee, then the holder shall cease construction or operation of the energy facility subject to the certificate as of the time specified in the order, and shall not resume construction or operation of the facility until such time as the suspension is lifted by further order of the committee.

#### Site 302.03 Revocation of Certificate.

(a) The committee shall have the authority to revoke a certificate according to this section.

(b) If the committee has suspended a certificate pursuant to Site 302.01 or Site 302.02 and the holder has failed to correct and mitigate the consequences of the violation or misrepresentation that was the basis for the suspension within the period of time specified in the suspension order, the committee shall initiate an adjudicative proceeding to revoke the suspended certificate and shall conduct an adjudicative hearing prior to determining whether to revoke the certificate.

(c) The committee shall provide 90 days prior written notice to the holder of the certificate that the committee intends to revoke the certificate and stating the reasons for the intended revocation.

~~— (d) Except for emergencies, the committee shall conduct an adjudicative hearing prior to revocation of a certificate.~~

~~— (e) —~~

(d) If the holder's certificate is revoked by order of the committee, then the holder shall permanently cease construction or operation of the energy facility subject to the certificate as of the time specified in the order and shall commence and complete decommissioning of the facility within the time period specified in the order.

#### Site 302.04 Emergencies.

(a) For the purposes of this part, "emergency" means an event which jeopardizes public health and safety.

(b) With respect to emergencies, the committee shall provide 5 days prior written notice of an adjudicative hearing to the holder of a certificate.

#### Site 302.05 Waiver of Rules.

(a) The committee or subcommittee, as applicable, shall waive any of the provisions of this chapter, except where precluded by statute, on its own motion or upon request by an interested party, if the committee or subcommittee finds that:

(1) The waiver serves the public interest; and

(2) The waiver will not disrupt the orderly and efficient resolution of matters before the committee or subcommittee.

(b) In determining the public interest, the committee or subcommittee shall waive a rule if:

- (1) Compliance with the rule would be onerous or inapplicable given the circumstances of the affected person; or
  - (2) The purpose of the rule would be satisfied by an alternative method proposed.
- (c) Any interested party seeking a waiver shall make a request in writing, except as provided in (d) below.
- (d) The committee or subcommittee, as applicable, shall accept for consideration any waiver request made orally during a hearing or prehearing conference.
- (e) A request for a waiver shall specify the basis for the waiver and the proposed alternative, if any.

**APPENDIX A**

<b>Rule</b>	<b>Statute</b>
Site 205.01	RSA 162-H:10,VI and VII; RSA 541-A:11, VII
Site 301.01-02	RSA 162-H:7,II, 10,VI and VII
Site 301.03	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.04	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.05	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.06	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.07	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.08	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.09	RSA 162-H:7,IV and V, 10,VI and VII
Site 301.10	RSA 162-H:7,IV and VI, 10,VI and VII
Site 301.11	RSA 162-H:4, IV, 10,VI and VII
Site 301.12	RSA 162-H:7, VI-b, VI-c and VI-d, 10,VI and VII, 14, I
Site 301.13	RSA 162-H:10,VI and VII, 16, IV(a)
Site 301.14	RSA 162-H:10,VI and VII, 10-a, 16, IV(c)
Site 301.15	RSA 162-H:10,VI and VII, 16, IV(b)
Site 301.16	RSA 162-H:10,VI and VII, 16, IV(e)
Site 301.17	RSA 162-H:10, VI and VII
Site 301.18	RSA 162-H:7, V, 10, VI and VII
Site 302.01-04	RSA 162-H:10,VI and VII, 12
Site 302.05	RSA 162-H:10,VI and VII; RSA 541-A:22, IV

**APPENDIX B: INCORPORATION BY REFERENCE INFORMATION**

<b>RULE</b>	<b>TITLE/CITATION (DATE)</b>	<b>SOURCE</b>
Site 301.06(b)	36 C.F.R. §800.16(d) (2014)	Available from U.S. Government Publishing Office, <a href="http://www.gpo.gov">http://www.gpo.gov</a>
Site 301.06(f)	36 C.F.R. §800.2(c) (2014)	Available from U.S. Government Publishing Office, <a href="http://www.gpo.gov">http://www.gpo.gov</a>
Site 301.18(a)(1), (a)(4), (e)(1), and (e)(3)	ANSI/ASA S12.9-2013 Part 3 Quantities and Procedures for Description and Measurement of Environmental Sound – Part 3: Short-term Measurements with an Observer Present	Published by American National Standards Institute, 25 West 43 <sup>rd</sup> Street, 4 <sup>th</sup> Floor, New York, NY 10036 Hard copy or electronic copy can be purchased for \$115.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(a)(2)	ANSI/ASA S12.9-1992 2013 Part 2, Quantities and Procedures for Description and Measurement of Environmental Sound. Part 2: Measurement of long-term, wide-area sound	Published by American National Standards Institute, 25 West 43 <sup>rd</sup> Street, 4 <sup>th</sup> Floor, New York, NY 10036 Hard copy or electronic copy can be purchased for \$100.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(c)(1)	ISO 9613-2 1996-12-15, Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation	Published by International Organization for Standardization, Case Postale 56, CH-1211, Geneve 20, Switzerland Hard copy or electronic copy can be purchased for \$123.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(c)(2)	IEC 61400 Part 11 (Edition 3.0 2012-11), Wind turbines – Part 11: Acoustic noise measurement techniques	Published by International Electrotechnical Commission, 3, rue de Varembe, CH-1211, Geneva 20, Switzerland Hard copy or electronic copy can be purchased for \$303.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>
Site 301.18(c)(2)	IEC 61400 Part 14 (First Edition 2005-03), Wind turbines – Part 14: Declaration of apparent sound power level and tonality values	Published by International Electrotechnical Commission, 3, rue de Varembe, CH-1211, Geneva 20, Switzerland Hard copy or electronic copy can be purchased for \$55.00 at: <a href="http://webstore.ansi.org">http://webstore.ansi.org</a>

APPENDIX II-H

INCORPORATION BY REFERENCE STATEMENT

**\*\*PLEASE LIST THE FOLLOWING:**

1. Name of Agency. **New Hampshire Site Evaluation Committee**
2. Person who has reviewed the material to be incorporated into the agency's rules:  

Name:	<b>Kathryn M. Bailey</b>	Title:	<b>Committee Member</b>
Address:	<b>c/o NHPUC, 21 South Fruit Street, Suite 10 Concord, NH 03301</b>	Phone #:	<b>603-271-2431</b>
3. Specific rule number where the material is incorporated: **Site 301.18(a)(1), (a)(4), (e)(1), and (e)(3)**

**\*\*PLEASE ATTACH THE FOLLOWING**, numbered to correspond to the number on this sheet (a separate sheet is not required for every item):

4. The complete title of the material which is to be incorporated including the date on which the material became effective (or a document identification number) or, if the material is undated Internet content, the date the material was accessed and printed, and the title of the entity that created or promulgated the material.
5. How the agency modified the text of the material incorporated, clearly identifying where amendments have been made to the text.
6. How the material incorporated can be obtained by the public (include cost and the address of the unrelated third party which published the material, and the Internet source URL if it appears in the rule, for example if the material is Internet content only available online).
7. Why the agency did not choose to reproduce the incorporated material in full in its rules. The discussion shall include more than the obvious reason that it is less expensive to incorporate by reference.

**\*\*PLEASE SIGN THE FOLLOWING:**

I, the adopting authority,\* certify that the text of the material which the agency is incorporating by reference in these rules has been reviewed by this agency. To the best of my knowledge and belief, this agency has complied with the requirements of RSA 541-A:12, IV and Section 3.12 of Chapter 4 of the Drafting and Procedure Manual for Administrative Rules. I further certify that the agency has the capability and the intent to enforce the material incorporated into the rules, as identified above.

Date: October 7, 2015

Signature: 

Name: Martin P. Honigberg

Title: Chairman

\*("Adopting authority" is the official empowered by statute to adopt the rule, or a member of the group of individuals empowered by statute to adopt the rule.)

**ATTACHMENT TO APPENDIX II-H  
INCORPORATION BY REFERENCE STATEMENT**

**Rulemaking Notice No. 2015-12  
Site 205 and 300, Explanation of Proposed Rule and Certificates  
of Site and Facility Rules of the Site Evaluation Committee  
Final Proposal**

Site 301.18(a)(1), (a)(4), (e)(1), and (e)(3)

4) ANSI/ASA S12.9-2013 Part 3 (“Quantities and Procedures for Description and Measurement of Environmental Sound – Part 3: Short-term Measurements with an Observer Present”), is prepared by and published by the American National Standards Institute.

5) The agency did not modify the text.

6) A copy of ANSI/ASA S12.9-2013 Part 3 can be obtained in hard copy or in electronic copy from the American National Standards Institute for \$115.00. A copy can be purchased on-line at <http://webstore.ansi.org> or by mailing a request to the American National Standards Institute, 25 West 43<sup>rd</sup> Street, 4<sup>th</sup> Floor, New York, NY 10036, Telephone No. 1-212-642-4900.

7) The Committee chose not to reproduce the incorporated materials because the document is protected by copyright.

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Address:	<b>c/o NHPUC, 21 South Fruit Street, Suite 10 Concord, NH 03301</b>	Phone #:	<b>603-271-2431</b>

3. Specific rule number where the material is incorporated: **Site 301.18(a)(2)**

**\*\*PLEASE ATTACH THE FOLLOWING**, numbered to correspond to the number on this sheet (a separate sheet is not required for every item):

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Site 301.18(a)(2)

- 4) ANSI/ASA S12.9-1992 2013 Part 2 (“Quantities and Procedures for Description and Measurement of Environmental Sound. Part 2: Measurement of long-term, wide-area sound”), is prepared by and published by the American National Standards Institute.
- 5) The agency did not modify the text.
- 6) A copy of ANSI/ASA S12.9-1992 2013 Part 2 can be obtained in hard copy or in electronic copy from the American National Standards Institute for \$100.00. A copy can be purchased on-line at <http://webstore.ansi.org> or by mailing a request to the American National Standards Institute, 25 West 43<sup>rd</sup> Street, 4<sup>th</sup> Floor, New York, NY 10036, Telephone No. 1-212-642-4900.
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Address:	<b>c/o NHPUC, 21 South Fruit Street, Suite 10 Concord, NH 03301</b>	Phone #:	<b>603-271-2431</b>

3. Specific rule number where the material is incorporated: **Site 301.18(c)(1)**

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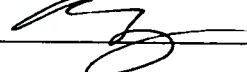
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Site 301.18(c)(1)

- 4) ISO 9613-2 1996-12-15 ("Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation"), is prepared by and published by the International Organization for Standardization.
- 5) The agency did not modify the text.
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Address: **c/o NHPUC, 21 South Fruit** Phone #: **603-271-2431**  
**Street, Suite 10**  
**Concord, NH 03301**

3. Specific rule number where the material is incorporated: **Site 301.18(c)(2)**

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