

State of New Hampshire  
**Site Evaluation Committee**

Martin P. Honigberg, Esquire  
Chairman

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Vice-Chair

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September 1, 2015

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

**Re: Rulemaking Notice 2015-12  
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 Mr. Eaton:

Attached please find Appendix II-E, Draft Final Proposed Rule: Hearing and Public Comment Period for the Site 205 Explanation of Proposed Rule and Site 300 Certificates of Site and Facility Rules of the Site Evaluation Committee. Please include Appendix II-E in the next available Rulemaking Register.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Honigberg", is positioned above the printed name.

Martin P. Honigberg  
Chairman

Enclosure



APPENDIX II-E

**DRAFT FINAL PROPOSED RULE:  
HEARING AND PUBLIC COMMENT PERIOD**

Notice Number 2015-12

Rule Number Site 205 and Site 300

1. Agency Name & Address:

**Site Evaluation Committee  
c/o N. H. Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301**

2. RSA Authority: **RSA 162-H:10, VI and VII**

3. Federal Authority: \_\_\_\_\_

4. Type of Action:

Adoption \_\_\_\_\_

Amendment \_\_\_\_\_

Repeal \_\_\_\_\_

Readoption \_\_\_\_\_

Readoption w/amendment X

5. Short Title: **Explanation of Proposed Rule and Certificates of Site and Facility Rules**

In accordance with RSA 541-A:11, I(c), public comment is being solicited on a draft final proposed rule in a rulemaking proceeding for which notice first appeared in the Rulemaking Register on February 5, 2015 under Notice Number 2015-12.

6. A public hearing has therefore been scheduled for:

Date and Time: **September 15, 2015 at 9:00 a.m.**  
Place: **New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301**

7. Deadline for submission of materials in writing or, if practicable for the agency, in the electronic format specified: **September 18, 2015**

☒ Fax

☒ E-mail

☐ Other format (specify):

8. Contact person for copies of the draft final proposed rule and questions including requests to accommodate persons with disabilities:

Name: **David K. Wiesner, Esq.**  
Address: **New Hampshire Public Utilities  
Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301**

Title: **NHPUC Staff Attorney**  
Phone #: **(603) 271-2431**  
Fax#: **(603) 271-3878**  
E-mail: **David.Wiesner@puc.nh.gov**

**TTY/TDD Access: Relay NH 1-800-735-2964 or dial 711 (in NH)**

**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 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) ~~Paper copies of a~~Applications shall be prepared on standard 8 ½ x 11 inch sheets, and plans shall be folded to that size. 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 the numbering systems set forth 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, 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, or within 100 feet of or adjacent to the site;
  - (4) Identification of wetlands and surface waters of the state within the site, on abutting property with respect to the site, or within 100 feet of or adjacent to the site;
  - (5) Identification of natural, historic, cultural, and other resources at or within the site, on abutting property with respect to the site, or within 100 feet of or adjacent to the site; and
  - (6) Evidence that the applicant has a current right, of legal access to and control of or an option or other legal right the ability to acquire the right, to construct the facility on, over, or under control of the site, in the form of ownership, ground lease, easement, option, or other contractual rights or interests, written license, or other permission from a federal, state, or local government agency, or through the simultaneous taking of other action that would provide the applicant with a right of eminent domain to acquire control of the site for the purpose of constructing the facility thereon;

(7) Evidence that the applicant has a current or conditional right of access sufficient to accommodate a site visit by the committee and the performance of any required pre-construction monitoring or studies; and

(8) Identification of all participating landowners with respect to the proposed facility and a description of the affected properties owned by such participating landowners and the scope of the waivers included in their participating landowner agreements, easements, or other contractual documents.

(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 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 facility.



(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;
- ~~(65)~~ 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 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 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;
- ~~(32)~~ Corridor width for:
  - a. New route; or
  - b. Widening along existing route;
- ~~(43)~~ Length of line;
- ~~(54)~~ Distance along new route;
- ~~(65)~~ Distance along existing route;
- ~~(76)~~ Voltage (design rating);
- ~~(87)~~ Any associated new electric generating unit or units;
- ~~(98)~~ Type of construction (described in detail);
- ~~(109)~~ Construction schedule, including start date and scheduled completion date; ~~and~~

~~(11) reliability 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 impact on system stability and reliability.~~

~~(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~~location and ~~other any alternatives locations 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;

~~(5) Each application shall include -~~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) Each application shall include -~~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) Each application shall include -~~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 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 for other 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) ~~Each application shall include a~~A visual impact assessment of the proposed 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, and 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 effect, which, for proposed:

- a. Wind energy systems, shall extend to a 10-mile radius from each wind turbine in the proposed facility; ~~and,~~
- b. ~~for 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 miles radius if located within any urban cluster; ~~in suburban, rural residential, and village areas;~~
- d. Electric transmission lines longer than 1 mile shall extend to a 3 miles radius if located within a rural area in lightly developed or undeveloped landscapes where the line follows an existing transmission corridor; ~~and~~
- e. Electric transmission lines longer than 1 mile shall extend to a 5 miles radius if located within a rural area in lightly developed or undeveloped landscapes where the line would be located in a new transmission corridor; and
- f. Electric transmission lines longer than 1 mile, an “urbanized area” and an “urban cluster” are as designated by the U.S. Census Bureau, and a “rural area” is any geographic area that is not located within either an urbanized area or an urban cluster as so designated;

(4)(5) Identification of all scenic resources within the area of potential visual impact effect 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 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 an equivalent focal length of 50 millimeters and represent the equivalent of what would be taken with a 75 millimeter focal length lens on a full-frame 35 millimeter camera and printed 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;

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

(9) A description of the best practical measures planned to avoid, minimize, or mitigate the potential adverse effects/visual impacts of the proposed facility, and of any visible plume that would emanate from the proposed facility, and any 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/effects of, and plans for avoiding, minimizing, or mitigating any unreasonable/potential adverse effects of, the proposed 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, 5416 U.S.C. §306108470, or RSA 227-C:9, as applicable;

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

~~(be) Identification of all historic sites and areas of potential archaeological sensitivity/resources located in the proposed facility area or within the area of potential effects, as defined in 36 C.F.R. §800.16(d);~~

~~(c) Finding by the division of historical resources of the department of cultural resources and, if applicable, the lead federal agency, of no historic properties affected, no adverse effect, or adverse effect to historic properties, if determined at the time of application.~~

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

~~(e) Description of/ the applicant's plans to implement any measures identified pursuant to (d) above; and~~

~~(f) Description of/ the status of the applicant's consultations with the New Hampshire Division of Historical Resources of the department of cultural resources, and, if applicable, with the lead federal agency, and consulting parties, as such term is 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 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~~ be 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 ~~d~~Department of ~~f~~Fish and ~~g~~Game, the New Hampshire ~~n~~Natural ~~h~~Heritage ~~b~~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;

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

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

(3) ~~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;

(4) ~~Description of~~ be 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

(5) ~~Description of~~ be the status of the applicant's consultations with the New Hampshire ~~d~~Department of ~~f~~Fish and ~~g~~Game, the New Hampshire ~~n~~Natural ~~h~~Heritage ~~b~~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 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 specified in Site 301.18~~follows~~:

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

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;
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;

b. 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;

c. 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;

d. 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 aAn 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, that falls within 1 mile of any turbine, based on shadow flicker modeling that assumes an impact distance of 1 mile from each of the turbines; "astronomical maximum" means the theoretical maximum number of hours that shadow flicker will be produced at a location assuming the sun is shining all day from sunrise to sunset, the rotor-plane of the turbine

~~is always perpendicular to the sun, and the turbine is always operating-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) ~~Description of~~ 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, 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 a~~An assessment of the risks of ice throw, blade shear, and tower collapse on public safety, including a description of the probability of occurrence of such events under varying conditions, the distances at which such events may have an impact, and the best practical measures taken or planned to avoid or minimize the occurrence of such events, if necessary;

(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) ~~Include a~~A decommissioning plan prepared by an independent, qualified person with demonstrated knowledge and experience in wind generation projects and cost estimates, which plan shall provideing 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,~~ or unconditional payment guaranty executed by a parent company of the facility owner maintaining at all times an investment grade credit rating; ~~and~~

(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; and



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

(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 current scientific knowledge;

~~Include an assessment of electric and magnetic fields and the potential impacts of such fields on public health and safety; and~~

~~Include 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 dBA or more over ambient levels 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;~~

(c) For all energy facilities:

(1) ~~Include a~~ 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, except as provided elsewhere herein;

(2) ~~Include a~~ 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 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, or unconditional payment guaranty executed by a parent company of the facility owner maintaining at all times an investment grade credit rating;

(3) ~~Include a~~ 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 to avoid, minimize, or mitigate public health and safety impacts that would result from the construction and operation of the proposed facility.

Site 301.09 Effects on Orderly Development of Region. Each application shall include information regarding the effects of the proposed 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 and zoning ordinances of the proposed facility host municipalities and unincorporated places, municipalities and unincorporated places abutting the host municipalities and unincorporated places, and other municipalities and unincorporated places that are the subject of or covered by studies included with or referenced in the application, 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 proposed facility host municipalities and unincorporated places, municipalities and unincorporated places abutting the host municipalities and unincorporated places, and other municipalities and unincorporated places that are the subject of or covered by studies included with or referenced in the application~~host 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 proposed facility host municipalities and unincorporated places, municipalities and unincorporated places abutting the host municipalities and unincorporated places, and other municipalities and unincorporated places that are the subject of or covered by studies included with or referenced in the application~~host 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;

(4) The effect of the proposed facility on regional real estate values;

(5) The effect of the proposed facility on tourism and recreation in the proposed facility host municipalities and unincorporated places, municipalities and unincorporated places abutting the host municipalities and unincorporated places, and other municipalities and unincorporated places that are the subject of or covered by studies included with or referenced in the application~~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.

(cb) 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.

(de) 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 purpose the agency to begin its review.

(cd) 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.

(fe) 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.

(gf) 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.

(hg) 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.

(ih) 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.~~

(ab) 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.

(be) The committee shall make the determination described in (ab) 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 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~~effect in the proposed facility host municipalities or unincorporated places~~community and in municipalities or unincorporated places~~communities abutting or in the vicinity of the proposed facility;

(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 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 proposed facility would be a dominant feature of a landscape in which existing human development is not already a prominent feature 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; and

(8) The effectiveness of the best practical measures planned by the applicant to avoid, minimize, or mitigate unreasonable adverse effects on aesthetics.

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

(1) Whether the application has identified all historic sites and archaeological resources potentially affected by the proposed facility and any anticipated potential adverse effects on such sites and resources, in consultation with the New Hampshire division of historical resources of the department of cultural resources and, if applicable, the federal lead agency~~Consider the nature and significance of the historic and archaeological resources identified by the applicant;~~

(2) Consider ~~the~~ The effectiveness of the measures proposed by the applicant to avoid, minimize, or mitigate unreasonable adverse effects on historic sites and archaeological resources; ~~and~~

(3) Consider ~~the~~ The status of the applicant's consultations with the New Hampshire ~~d~~Division of hHistorical rResources of the department of cultural resources and, if applicable, the federal lead agency, and consulting parties, as such term is defined in 36 C.F.R. §800.2(c); ~~and~~

~~(3)~~(4) Whether the proposed facility will adversely affect historical sites and archaeological resources to an unusual or disproportionate degree, such as:

a. Adversely affecting a large number of historic sites or archaeological resources, given the scale of the facility; or

b. Adversely affecting historic sites or archaeological resources that have been demonstrated to be of a rare or unique nature or of national significance.

(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 ~~d~~Department of eEnvironmental sServices 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 ~~d~~Department of eEnvironmental sServices, 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 wildlife species, rare plants, rare natural communities, and other exemplary natural communities, including the size, prevalence, dispersal, and viability of the populations in the area;

(2) The nature, extent, and duration of the potential effects on the affected 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;

(4) The analyses and recommendations~~views~~ of the New Hampshire ~~D~~Department of Fish and Game, the New Hampshire 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 practical 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;

(6) The best practical measures undertaken or planned to avoid, minimize, or mitigate potential adverse effects on terrestrial or aquatic significant habitat resources; 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;

(2) For wind energy systems, apply the following standards:

a. ~~With respect to Ssound Sstandards, 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 ~~backgroundambient 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 ~~backgroundambient 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 at the exterior wall of any existing permanently-occupied building on a non-participating landowner that is used in whole or in part for permanent or temporary residential purposes's property, or at the non-participating landowner's property line if it is less than 300 feet from an existing-occupied building, and these sound levels shall not be exceeded for more than 3 minutes within any 60-minute period;

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

c. ~~With respect to Ssetbacks, Standards-~~ The setback distance between a wind turbine tower and an 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 another 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.~~

(g) In determining whether a proposed energy facility will have unreasonable adverse effects, the committee shall consider the best practical measures to avoid, minimize, or mitigate any potential adverse effects of the proposed facility.

(h) In determining whether to grant a certificate of site and facility for a proposed energy facility, the committee shall consider cumulative impacts to 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;

(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. In addition to the criteria set forth in Site 301.13 through 301.15, in determining whether to grant a certificate of site and facility for a proposed wind energy system, the committee shall consider:~~

~~(a) Cumulative impacts to natural, scenic, recreational, 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; and~~

~~(b) Best practical measures to avoid, minimize, or mitigate adverse effects of the proposed wind energy system.~~

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) Whether the environmental effects of the facility, considering both beneficial and adverse effects, serve the public interest;

(b) Whether 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, serve the public interest;

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



(d) Whether the facility as proposed is consistent with 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) Additional public interest criteria as are developed through the record in the proceeding.

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) 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

(h) 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- 992 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 15 feet 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); this standard anticipates that the analysis of wind turbine acoustical emissions shall also consider sound power level and tonality for a batch of wind turbines as opposed to a single machine, pursuant to IEC 61400 Part 14 (First Edition 2005-03);

(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 15 feet 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; 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;
- (3) Distance between any sound measurement point and the nearest wind turbine;
- (4) For each sound measurement period during post-construction monitoring, reports shall include each of the following measurements:
  - a. LAeq, LA-10, and LA-90; and
  - b. LCeq, LC-10, and LC-90;
- (5) 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; and
- (6) Validation of noise complaints submitted to the committee shall require field sound surveys 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) 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.~~

~~(cd)~~ 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.

~~(de)~~ 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 ~~therefor~~ and shall provide an opportunity for an adjudicative hearing pursuant to Site 201 with respect to the proposed suspension.

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

(fg) 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.

(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.~~

(de) 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.