

<p>ADIRONDACK PARK AGENCY Division of Regulatory Programs PO Box 99, 1133 NYS Route 86 Ray Brook, New York 12977 Telephone (518) 891-4050 www.apa.ny.gov</p>	 <p>NEW YORK STATE OF OPPORTUNITY.</p> <p>Adirondack Park Agency</p>	<p>APPLICATION FOR ENERGY STORAGE SYSTEM</p>
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PROJECT APPLICANT INFORMATION

<p>1. Project Applicant(s)*:</p> <p>Name(s): _____</p> <p>Mailing Address: _____</p> <p>Phone (daytime): _____</p> <p>Email: _____</p>	<p>2. Current Property Owner(s)**: (<input type="checkbox"/>) <i>(check above if same as Project Applicant)</i></p> <p>Name(s): _____</p> <p>Mailing Address: _____</p> <p>Phone (daytime): _____</p> <p>Email: _____</p>
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* A project sponsor is a person having legal interest in property who makes application to the Agency for review of a project proposed on the property. Documentation demonstrating the legal interest, such as a current deed or purchase contract, must be provided.

** List all names on the current deed of record.

3. Project Sponsor's Legal Interest in Project Site (check the one that applies):

Owner Signed purchase agreement holder

Lessee Option holder Other (Identify: _____)

4. Project Sponsor's Authorized Representative: By filling in the name and address below and signing this application, the project sponsor is authorizing the person named below to act as his/her agent in all matters relating to this permit application before the Adirondack Park Agency. The project sponsor acknowledges that all contact regarding the application will be through his/her Authorized Representative. The project sponsor is, however, ultimately responsible for the accuracy of the information contained in this application and for compliance with all terms and conditions of any permit issued to him/her by the Agency.

Name: _____

Mailing Address: _____

Phone (daytime): _____ Email: _____

5. **Prior Agency Contact:** Identify any previous Agency action (permit, variance, jurisdictional inquiry, enforcement case, or wetland flagging) by file number and/or any contact with Agency staff regarding this project or project site and indicate if Agency staff has visited the project site.

Staff Name(s): _____

Date of contact: _____

File #(s): _____

PROJECT SITE INFORMATION AND DOCUMENTATION

6. **Project Site Location/Identification** (a project site is all adjoining properties owned by the current landowner(s), including properties separated by a public road):

Street address: _____

Town(s): _____ County: _____

Size (acres): _____

Tax Map Designation (from the tax bill for the property):

Section: _____ Block: _____ Parcel: _____

Section: _____ Block: _____ Parcel: _____

Section: _____ Block: _____ Parcel: _____

7. **Landowners and Tax Map References for Adjacent Properties:** Provide, as **Attachment A**, a list of the names, addresses and tax map references of all landowners whose property adjoins the project site (based on the current Real Property Tax assessment). This list must include landowners whose property is located across a public road or right-of-way from the project site.

8. **Ownership History:** If the project site was part of a larger parcel on the May 22, 1973, enactment date of the Adirondack Park Agency Land Use and Development Plan, then please provide the current tax designation(s) of all property owned on that date. The County Real Property Tax Service Office may be able to assist with this information.

9. **Deed(s):** Provide, as **Attachment B**, a complete copy of the current recorded deed(s) for the project site containing the recording information. Also, if the project sponsor has an executed contract or agreement to purchase or lease the project site, provide a copy of the documents to establish the sponsor's legal interest in the project site.

10. **Deed Restrictions and Easements:**

- a. Describe and provide copies of any current deed restrictions or easements associated with the project site.
- b. Describe and provide copies of any proposed deed language that will restrict subdivision or development on the project site and any other proposed deed restrictions, or easements related to the project, whether affecting the project site or adjacent property.

PROJECT SITE RESOURCES

- 11. Historic Resources:** Does the project site have any buildings that are more than 50 years old, or does the project site or surrounding area contain any structures or districts which are listed or deemed eligible to be listed on the State or National Register of Historic Places, or does the project site involve any known archeological resources?

No

Yes* to any of the above criteria.

*If Yes, provide a location map, project description, site plan map, and recent photographs keyed to the location map, which the Agency will then submit to the New York State Office of Parks, Recreation and Historic Preservation (OPRHP) as part of consultation required by the State Historic Preservation Act. Be advised that the Agency cannot deem an application Complete until OPRHP's determination and/or recommendations for historic resource impact mitigation have been addressed. If a SHPO consultation has already been completed for the proposed project, please provide copies of any consultation requests, archeological survey report and/or any Zone of Visibility Influence (ZVI) reports submitted to SHPO, along with any responses received from SHPO.

- 12. Character of Land Uses:**

a. Describe all current land uses on the project site (agricultural, forestry, residential, etc.). If the proposal is a conversion of agricultural or forestry uses, please describe when the land was last used for these purposes.

b. Describe the character of the nearby and adjoining land uses including the type and density of existing agricultural, forestry, commercial, industrial, and residential development, roads, and public recreation /open space recreational facilities.

- 13. Wetlands:** The boundaries of any wetlands on the project site need to be field delineated and shown on the Site Plan Map (Attachment E). Copies of any completed Wetland Delineation Reports should also be submitted. Please note that, if any new land use or development, land disturbance or other activities will occur within 100 feet of a wetland, additional information and/or studies will be required.

- 14. Grassland Bird Habitat:** If the project site contains more than 25 acres of contiguous grassland habitat and the project impacts that habitat, then please contact New York State Department of Environmental Conservation (NYS DEC) for a habitat evaluation. Provide the Agency with a written determination of non-jurisdiction from NYS DEC for impacts to grassland birds or provide a copy of the NYS DEC Incidental Take Permit.

- 15. Biological Survey:** If the project involves forest clearing, a biological survey may be required to assess the ecological value of the forest being converted.

- 16. Shoreline:** If the Project site contains a navigable water body (including ponds, lakes, streams and rivers) confirm compliance with all applicable shoreline regulations including structure setbacks and removal of shoreline vegetation. If you are unsure of navigability, contact Agency staff.

PROJECT PROPOSAL

- 17. Project Proposal:** Provide, as **Attachment C**, a narrative description of the proposed project and land use objectives, including energy storage capacity (total system capacity rating in kWh and power rating in kWh), types of batteries or other energy storage vessels (lithium-ion, lead-acid, nickel-cadmium, flow, mechanical, flywheel, etc.), anticipated lifespan of the project, acreage involved, type and number of units, containers, bays or modules, all proposed structures, and connection to the grid. A description of the project and all specific details of the proposal must be provided.
- 18. Alternatives:** Provide, as **Attachment D**, a detailed description of how the proposed location was selected and identify any alternative locations and designs for the project that were considered and describe the analysis and rationale for not selecting those alternatives. If the project will impact any sensitive resources, identify all alternatives considered to avoid impacts to resources. Please be advised that additional information concerning these alternatives may be requested.
- 19. Subdivision of Land:** If the project will require the subdivision of land **by sale or lease**, state the size of all lots to be created and identify which lot is proposed for the Energy Storage System Project. Provide, as **Attachment E**, a subdivision site plan showing the boundaries of each proposed lot and labeling each subdivision Lot number and size.
- 20. Site Plan Map:** Provide, as **Attachment F**, a detailed Site Plan Map prepared by a qualified professional (New York State licensed surveyor, engineer, architect, or landscape architect). The Site Plan Map must be drawn to an appropriate scale, clearly labeled with the map scale, north arrow, date of preparation, and name of preparer. As applicable, please show and label the following information on the Site Plan Map:
- Property ownership boundary lines;
- a. Boundaries of the project site (if not identical with the property boundaries);
 - b. Any proposed subdivision lot lines (including lease areas), and/or easement lines;
 - c. Waterbodies, including lakes, ponds, rivers and permanent and intermittent streams;
 - d. Wetland boundaries, with unique symbology and labelling to distinguish APA regulated from federally regulated wetlands;
 - e. Limits of all temporary and permanent wetland disturbance and areas of mitigation;
 - f. Natural swales and drainage features;
 - g. Floodplain boundaries and elevation of the 100-year floodplain;
 - h. Areas of bedrock at or near the surface;
 - i. Boundaries of existing vegetation cover types (forested, field, agricultural, etc.);
 - j. Proposed limits of vegetative cutting, locations of no-cut buffers and all new landscape development;
 - k. Topographic contours;
 - l. Any special plant or animal habitats identified by the NYS Natural Heritage Program;
 - m. Adirondack Park Land Use Area boundaries;
 - n. Local zoning district boundaries, and/or setbacks;
 - o. All existing and proposed structures, including utility cabinet, labeled with size and use;
 - p. Existing and proposed access entrances, roadways, bridges, and parking lots, labeled with size and materials (specify if public or private);
 - q. All right of way lines of all municipal, county and State highways;
 - r. Existing and proposed sidewalks, stairways and other pedestrian facilities;
 - s. Temporary and permanent stormwater management facilities (labeled with size and materials), including all existing and proposed retaining walls, culverts, ditches, etc.

- t. Existing overhead and underground public utilities located on the project site and along nearby public or private roads;
- u. Proposed new utility lines, cable runs and connections to the existing distribution and or transmission lines (including all new utility poles on and off the project site, their overall heights above grade and/or noting where underground);
- v. All proposed components of the energy storage system and all proposed infrastructure, including any signs and light fixtures;
- w. Details of any onsite utility substation, if proposed;
- x. Delineate locations where any chemicals will be used or stored;
- y. Existing and proposed fencing labeled with size and materials; and
- z. Construction limit lines, construction staging areas, work pads, and storage areas (temporary and permanent) for equipment, raw materials or construction materials.

21. Proposed Construction, Phasing and Operation Dates:

- a. Estimated Construction Start Date: _____
- b. Estimated Construction Completion Date: _____
- c. Estimated Date Energy Storage Project in Operation: _____
- d. If Project is to be phased, include dates for each phase: _____

22. Proposed Site Access:

- a. Provide plans, details, and specifications for all temporary and permanent roads and driveways.
- b. If the project will require a highway work permit from county transportation departments or New York State Department of Transportation, please provide a copy of the permits.
- c. Please also provide documentation from the local fire department and/or local fire code official that the proposed site access meets the requirements for fire suppression equipment and is compliant with NYS Fire Code.

23. Construction Staging Areas: Describe the locations and proposed uses of any on-site and off-site construction staging areas (for field office, equipment and materials storage, etc.). Describe how the staging areas will be restored after construction completion. If off-site construction staging areas are being proposed, then ownership information for those locations must also be provided. Staging areas should be kept within the proposed limits of disturbance to the greatest extent practicable.

24. Proposed Outside Storage: If the project will involve outside storage of equipment, raw materials, or construction materials, please describe the type and location of materials or objects to be stored, both long-term and short-term.

25. Solid Waste Disposal: Describe the type, estimated quantities, methods of disposal and on-site and off-site disposal locations of all waste materials generated from the project, including trees, stumps and grubbed materials, unusable excavated soils, construction and demolition

debris and other waste.

If waste disposal will occur off-site, provide the following information for each involved parcel (note that a separate permit may be required for each off-site waste area):

- a. Landowner name, mailing address, and daytime phone number
- b. Waste disposal site location: street address, town, county, tax map number

26. Buildings and Structures:

- a. Provide detailed drawings of the proposed energy storage system, including dimensions, height, materials, and color.
- b. Provide detailed drawings of all proposed structures, including fences, equipment buildings, etc. which include at a minimum, dimensions, height, materials, and colors.
- c. Provide details on any proposed secondary containment infrastructure for the energy storage system.
- d. Any proposed fencing should incorporate 6-inch gaps or spaces at bottom to avoid impacts to mammals, or otherwise utilize a wildlife friendly fencing option. Fence poles should be capped to prevent birds and small mammals from getting trapped.
- e. If there are existing buildings on the total contiguous landholding now owned by the present landowner, please provide the following information:
 - i. Date of Construction, use, approximate size (footprint and height).
 - ii. Indicate if these buildings will be removed and/or if they will be used for the proposed facility.
- f. Describe any other structures which existed on the property as of August 1, 1973, which have since been removed or destroyed and their use. Include the date the structure was removed. Describe if any buildings or other structures will be replaced.

- 27. Wastewater Treatment Systems:** If applicable, describe the type and size of any existing wastewater treatment system(s) serving the project site (community, municipal, individual on-site system, etc.). Describe approximate existing wastewater flows in gallons/day. Describe type and size of any existing on-site wastewater treatment system absorption area.

Provide detailed plans prepared by a design professional (New York State licensed engineer or architect) for any new, replacement, or expanded wastewater treatment system(s). If an on-site system is proposed, and unless otherwise instructed by Agency staff, show the following:

- a. Soils test pit location and data;
- b. Percolation test hole location and results taken within the proposed absorption area(s);
- c. Details on design of the system (application rate);
- d. Size and type of septic tank;
- e. Pumping station (if necessary);
- f. Distribution box; and
- g. Soil absorption system, including a 100 percent replacement area.

For additional information, refer to the current version of the Agency's Minimum Requirements for Engineering Plans for On-site Wastewater Treatment Systems, available on the Agency's website (https://www.apa.ny.gov/Documents/Guidelines/OnSite_Wastewater.pdf).

- 28. Erosion and Sediment Control Plan/Stormwater Management:** Provide, as **Attachment G**, a Stormwater Management Plan which includes the following:
- a. An Erosion and Sediment Control Plan. For additional information, refer to the current version of the *New York State Standards & Specifications for Erosion and Sediment Control*. An Erosion and Sediment Control Plan is required for all projects.

The need for a grading plan and post-construction stormwater practices, identified in items (b) through (i) below, is dependent upon the amount of proposed soil disturbance, energy storage system layout, design and construction, as well as the construction of traditional impervious areas such as buildings, substation pads, and parking areas. If the proposed soil disturbance is greater than one acre, then a NYS DEC SPDES general permit for stormwater discharges from construction activities is required, including a stormwater pollution prevention plan (SWPPP). Please note that for stormwater design, the Agency considers all proposed roads and access driveways including gravel and stone surfaced, to be impervious, requiring post construction stormwater controls to treat water quality volume.
 - b. All proposed land disturbance and proposed impervious areas (see above);
 - c. Site planning to preserve natural features and reduce impervious cover;
 - d. Calculation of the water quality volume(s);
 - e. Incorporation of green infrastructure techniques and standard stormwater management practices with Runoff Reduction Volume (RRv) capacity;
 - f. Use of standard stormwater management practices, where applicable, to treat the portion of water quality volume not addressed by green infrastructure techniques and standard stormwater management practices with RRv capacity;
 - g. Design of volume and peak rate control practices where required;
 - h. A schedule and list of required maintenance activities for each proposed stormwater management practice; and
 - i. A grading plan.
- 29. Water Supply Systems:**
- a. If applicable, identify all existing water supply systems on the project site (community, municipal, individual on-site, etc.).
 - b. If applicable, identify all proposed new, replacement or expanded water supply systems.
 - c. Show and label on the Site Plan Map the location of any on-site well or, if a community or municipal system, the distribution piping.
- 30. Public Utilities:** Identify all existing utilities on the project site and the operating entity for each; Identify all proposed new, replacement, or expanded utilities including all proposed utility improvements necessary to complete the interconnection with existing infrastructure.
- 31. Exterior Parking:** Provide construction plans and details for all parking areas.
- 32. Exterior Lighting:** If the project will involve new exterior site lighting, provide a Lighting Plan which shows the location of all exterior light fixtures, including specifications, elevation views, construction details and shielding that will restrict projected light from being seen off-site. Exterior lighting should be full cut-off lighting, shielded and angled downward. The lighting plan must show the surface area lit by each light.
- 33. Exterior Signage:** If the project will involve any new exterior signage, provide a plan that complies with [Appendix Q-3 of Agency regulations-Standards for Signs Associated with Projects](#). Show and label on the Site Plan Map, or on a separate Sign Plan, the number, location, and orientation of all exterior signs. Provide to-scale details and specifications for

each proposed outdoor sign as part of the Site Plan Set and/or Sign Plan that includes at a minimum:

- a. Width and height from ground surface to top of each sign;
- b. Construction details and materials;
- c. Proposed text, color scheme, logos or other graphics; and
- d. Details of any raised foundations, planters or retaining walls.

- 34. Proposed Landscape Development:** Provide, as **Attachment H**, a Landscape Development Plan (planting of trees and shrubs for screening, aesthetics, erosion control, and/ or establishment of any turf areas), which includes at a minimum the following information:
- a. Identify and label the location of all existing vegetation;
 - b. For proposed plantings, provide the location and a keyed list that includes scientific names, sizes, and whether the plants are nursery grown or field collected. Please note the planting plan should only include native species or ornamental plants commonly found near the project site;
 - c. Provide specification, typical planting details, and seed mixes for temporary and permanent grassed areas; and
 - d. Provide a plan for maintenance and care of all plantings during the initial establishment and post-construction.
- 35. Chemical Use:** Describe in detail the use and storage of any chemicals that will be used during construction and operation, including but not limited to, dust control agents, herbicides, pesticides, panel cleaning solvents, sand, and salt. Provide copies of all product labels, including any state or federal registration numbers. The site plan should delineate where chemicals will be applied on site.
- 36. Visual Impacts Analysis:** Provide, as **Attachment I**, a visibility analysis that includes an inventory of significant public viewpoints and photographic documentation of the project site from those locations. The analysis must include an assessment of all proposed development and utility infrastructure on the project site, including fencing, access roads, landscaping and the utility corridor which connects the facility to the grid or customer. The analysis must provide the following information:
- a. Identification of key viewpoints from publicly accessible areas, key viewer groups, and the type, distance and duration of the view;
 - b. Provide visual simulations which show how the proposed development will appear after construction from the selected viewpoints;
 - i. Post development simulations should include all vegetative plantings and simulate how the developed site will look after 5 years and 10 years of vegetation growth.
 - ii. Photographs of existing conditions and simulations of post development should be taken using various focal lengths, such as 55mm and 85mm.
 - iii. Photo-real simulations are preferred to computer model simulations.
 - iv. Provide a map showing the photo locations and their distance from the project site.
 - c. Describe all efforts to mitigate adverse visual impacts with special attention on public roads, and other sensitive receptors.

During pre-application meetings, staff will provide further guidance on the visual impact analysis required for a specific site. In general, visual analysis should include public viewpoints within 5 miles of a site. Also, a public viewpoint may be from a higher landscape looking down toward the site.

- 37. Noise Impact Analysis:** Identify noise generating activities anticipated during construction, operation, and decommissioning of the project (site clearing and grading, wood chipping, pile driving, use of transformers backup generators, inverters, batteries, etc.). Include frequency, time and pitch for each activity for both immediately next to the noise source and at the property lines of the subject parcel.
- 38. Operational Maintenance of the Site:** Describe in detail all components of the facility operation and maintenance activities (vegetative management, repair, maintenance, etc.).
- 39. Project Employment:** How many people will be employed by the proposed project (i) during construction and (ii) post-construction at full operation. In your response, indicate the average number of weeks workers will be employed and distinguish between full-time and part-time employees.
- 40. Public Benefits:** Describe any potential benefits to be derived from the project including general service improvements to the community. Provide estimated tax benefits to the local taxing jurisdictions resulting from the project, including the details of any anticipated payment in lieu of taxes program.
- 41. Safety and Security:**
- a. Provide a description and indicate details of plans to limit public access and assure security at the facilities and above ground components of energy storage system.

 - b. Provide any emergency response plans, notification and coordination procedures. Specify plans and procedures for specifically addressing electric line outages, fire, lightning or other storm and emergency response situations. Include measures for communication and coordination with operators of existing utility facilities, and residents of adjoining or affected locations.
- 42. Decommissioning of the Site:** Provide, as **Attachment J** a Decommissioning Plan including criterion for when the facility will be deemed out of service and decommissioned. Describe all plans for decommissioning, including plans for disposal of batteries and energy system infrastructure and complete restoration of the site.

OTHER REGULATORY PERMITS AND APPROVALS

- 43.** The Agency cannot approve a project which has been denied a permit or which is a prohibited use under local zoning requirements and other local laws or ordinances. The Agency will also recognize community goals expressed in a formally adopted land use plan. The project should be designed to the regulatory requirements of other involved agencies.
- a.** Local Government Notice Form: Provide, as **Attachment K**, a completed “Local Government Notice Form” (blank copy attached) from the municipality in which your project is located. Have it filled out and signed by an appropriate official (Zoning Administrator, Planning Board Chairman or Supervisor, if no Zoning Administrator or Planning Board Chairman) and return it with the project application. Please read the form for instructions.
 - b.** Municipal Approval Documents: If local approval has been obtained for the proposed project, then provide, as **Attachment L**, documentation (permit, site plan approval, final subdivision plat, etc.) which confirms that the project has been approved pursuant to all applicable town and county laws including any necessary approvals from the planning and zoning boards. Also, provide a copy of the relevant minutes of all local meetings at which the project has been discussed. This last request is continuous; the information should be provided to the Agency as it becomes available.
 - c.** State and Federal Agency Contacts: Complete the following and indicate whether any of the following agencies or departments have been contacted. Your APA application may remain incomplete until all state agency applications are complete, to allow a coordinated review.

Agency	No	Yes	Date	Contact Person & Phone Number
NYS Department of Health				
NYS Department of Transportation				
NYS Department of Environmental Conservation				
NYS Energy Research & Development Authority				
NYS Office of Parks, Recreation & Historic Preservation				
NYS Department of Law				
U.S. Army Corps of Engineers				
Lake George Park Commission				
Public Service Commission				
Other				

- d.** State and Federal Permits, Approvals and Determinations: Provide, as **Attachment M**, copies of all permits, approvals and determinations received from the above agencies.

43. Required Signatures:

I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS APPLICATION, INCLUDING ALL ATTACHMENTS. I BELIEVE THIS INFORMATION TO BE TRUE, ACCURATE AND COMPLETE. IN ADDITION, IN THE CASE OF ANY PROJECT SPONSOR CORPORATION, LIMITED LIABILITY CORPORATION, PARTNERSHIP OR OTHER LEGAL ENTITY, I ALSO AFFIRM THAT I AM AUTHORIZED TO SUBMIT THIS APPLICATION ON BEHALF OF THAT ENTITY.

I HEREBY AUTHORIZE THE ADIRONDACK PARK AGENCY AND MEMBERS OF ITS STAFF TO ENTER ON THE PROPERTY DESCRIBED HEREIN FOR THE PURPOSES OF CONDUCTING SUCH INVESTIGATIONS, EXAMINATIONS, TESTS AND SITE EVALUATIONS AS IT DEEMS NECESSARY, AT REASONABLE TIMES AND WITH ADVANCE NOTICE WHERE POSSIBLE, TO VERIFY INFORMATION CONTAINED IN OR RELATED TO THIS APPLICATION FOR A PROJECT PERMIT.

Signature of all Project Sponsors:
(Required for all applications)

_____	_____	_____
Signature	Print Name/Title	Date

Signature(s) of all Landowner(s) from current deed:
(Required for all applications)

_____	_____	_____
Signature	Print Name/Title	Date

Site visits conducted early in the application process help to ensure that proposals are well designed from the beginning, minimize the need for follow-up information requests from the Agency, and result in a more efficient review.

Please indicate if you agree to extend the response deadline until fifteen days after a site visit.

YES NO

Attachment A: Landowners and Tax Map References for Adjacent Properties

Provide names, current mailing addresses, and tax map references (tax map, block and parcels numbers) for all landowners with property adjoining the project site, including property across public roads and rights-of-way. Please provide this information in a digital Excel spreadsheet, if possible.

Example: 155-1-27 Mr. John Doe Main Street Jay, New York 12941		