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Subject: Qcells Battery Energy Storage System New London
Filing # 98300
NDDDB – New Determination Number: 202304288
State Pier Road
New London

Expiration Date: 5/17/2025

Current data maintained by the Natural Diversity Database (NDDDB) and housed in the DEEP ezFile portal, indicates that populations of the following State Endangered, Threatened, or Special Concern species (RCA Sec. 26-306) have been documented within the project area or in close proximity to the proposed Energy and Utility Production Facilities and Distribution Infrastructure/New facility construction, Qcells Battery Energy Storage System New London.

Peregrine falcon (*Falco peregrinus*)

In accordance with the project information provided in your request submittal, implementation of the following Best Management Practices will avoid negative impacts to listed species.

Common Name	Peregrine falcon
Scientific Name	<i>Falco peregrinus</i>
Taxa	bird
Status ¹	T
General Ecology	Habitat: cliff faces and under bridges. This falcon nests from April through July and is very susceptible to human disturbance during this time. Peregrine falcons are very territorial during the breeding season and will make their presence known if in close proximity to a nest site. The wildlife division recommends a 660' setback from nests with no public access. To determine if a nest in your area is active this year contact the DEEP Wildlife Biologist coordinating Peregrine falcon monitoring (Brian.hess@ct.gov).
Best Management Practice	<p>Avoid creating collision hazards for Birds and Bats. Glass collisions including residential windows indiscriminately kill 1 billion birds a year. Develop or renovate your building façade and site design strategy to make the building and site structures visible barriers to birds. Bat collisions are less well understood, but smooth vertical surfaces affect bats' abilities to avoid collisions.</p> <p>Limit interior and exterior night lighting. Lighting, temporary or permanent should not</p>

	<p style="text-align: center;">be directed towards suitable bat habitats. Security lighting should always be down-shielded to keep light within the boundaries of the site.</p> <p style="text-align: center;">Take steps necessary to assure that construction is designed, built, and operated in accordance with the standards and requirements of the LEED Green Building Rating System Pilot Credit #55. The USGBC releases revised versions of the LEED Building Rating System on a regular basis, and you should refer to the most current version when beginning a new building or construction project or renovation.</p> <p style="text-align: center;">Visit American Bird Conservancy website for more guidance: https://abcbirds.org/program/glass-collisions/</p> <p style="text-align: center;">Apply best practices as outlined in USFWS Guidelines for Communications Towers: www.fws.gov/midwest/endangered/section7/telecomguidance.html</p> <p style="text-align: center;">Our mapped records indicate your project boundary is within 1/2mile, but farther than 660ft of this sensitive resource.</p>
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¹E = State Endangered, T = State Threatened, SC = State Special Concern, FE = Federally Endangered, FT = Federally Threatened, NA = Not applicable.

Your submission information indicates that your project requires a state permit, license, registration, or authorization, or utilizes state funding or involves state agency action. This NDDDB – New determination may be utilized to fulfill the Endangered and Threatened Species requirements for state-issued permit applications, licenses, registration submissions, and authorizations.

Please be aware of the following limitations and conditions:

Natural Diversity Database information includes all information regarding listed species available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection’s Natural History Survey and cooperating units of DEEP, land owners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as enhance existing data. Such new information is incorporated into the Database and accessed through the ezFile portal as it becomes available. New information may result in additional review, and new or modified restrictions or conditions may be necessary to remain in compliance with certain state permits.

- Each state agency is required to conserve endangered and threatened species and their essential habitats, and ensure that any action authorized, funded or performed by such agency does not threaten the continued existence of any endangered or threatened species or result in the destruction or adverse modification of habitat designated as essential to such species (CGS 26-310). Therefore, the restrictions and conditions outlined above for Endangered and Threatened species **MUST** be implemented and abided by in order to utilize this NDDDB – New Determination in securing any state permit, license, authorization, or registration or for any actions performed or funded by state agencies.
- During your work listed species may be encountered on site. A report must be submitted by the observer to the Natural Diversity Database promptly and additional review and restrictions or conditions may be necessary to remain in compliance with certain state permits. Please fill out the [appropriate survey form](#) and follow the instructions for submittal.
- Your project involves the state permit application process or other state involvement, including state funding or state agency actions; please note that consultations with your permit analyst or the

agency may result in additional requirements. In this situation, additional evaluation of the proposal by the DEEP Wildlife Division may be necessary and additional information, including but not limited to species-specific site surveys, may be required. Any additional review may result in specific restrictions or conditions relating to listed species that may be found at or in the vicinity of the site.

- If your project involves preparing an Environmental Impact Assessment, this NDDDB consultation and determination should not be substituted for conducting biological field surveys assessing on-site habitat and species presence.
- This determination applies only to the project as described in the submission and summarized at the end of this letter. Please re-submit an updated Request for Review if the project's scope of work and/or timeframe changes, including if work has not begun by 5/17/2025.
- If biological surveys have been conducted in accordance with Best Management Practices provided, please forward a copy of the results to the address listed at the end of this letter. Include the Project Name and Determination Number on all correspondence.

The NDDDB – New determination for the Qcells Battery Energy Storage System New London at State Pier Road, New London, as described in the submitted information and summarized at the end of this document is valid until 5/17/2025. This determination applies only to the project as described in the submission and summarized at the end of this letter. Please re-submit an updated Request for Review if the project's scope of work and/or timeframe changes, including if work has not begun by 5/17/2025.

This letter is computer generated and carries no signature. If however, any clarification is needed, or, if you have further questions, please contact the following:

CT DEEP Bureau of Natural Resources
Wildlife Division
Natural Diversity Database
79 Elm Street, 6th floor
Hartford, CT 06106-5127
(860) 424-3011
deep.nddbrequest@ct.gov

Please reference the NDDDB – New number provided in this letter when you e-mail or write. Thank you for submitting your project through DEEP's ezFile portal for Natural Diversity Database reviews.