

Architectural History Survey Report Summary

To Emmons-Logan Wind, LLC

Emmons-Logan Wind Energy Center
Class II Architectural Resources Inventory Summary

Subject Emmons and Logan Counties, North Dakota

From AECOM

Date November 5, 2018

Introduction and Purpose

Emmons-Logan Wind (Emmons-Logan Wind), a wholly-owned, indirect subsidiary of NextEra Energy Resources, LLC, is proposing to develop the Emmons-Logan Wind Energy Center (Project) in Emmons and Logan Counties, in south-central North Dakota. The Project consists of up to 123 turbines, access roads, underground electrical collection systems, collection substations, an operations and maintenance (O&M) building, meteorological evaluation (Met) towers, a construction laydown area, and a batch plant.

The Project will require a Certificate of Site Compatibility from the North Dakota Public Service Commission (Commission) (Case No. PU-18-280); therefore, the Project is subject to review by the State Historical Society of North Dakota (SHSND) under North Dakota Century Code (NDCC) 49-22-09-*Factors to be considered in evaluating application and designations of sites, corridors, and routes*. Based on consultation with the SHSND, the Architectural Survey Corridor (Survey Corridor) was defined as all areas within two miles of the nearest turbine and is based on the locations of turbines within the proposed turbine layout dated October 16, 2018. The purpose of this investigation is to facilitate the SHSND review by documenting the aboveground historic buildings and structures within the Survey Corridor defined for this Project.

Methods

As the Project is designed to avoid all direct effects on the sites, only indirect visual effects were considered. Based on guidance from the SHSND, the relationship between the Project and the view toward a property from the main access point to said property was considered. All accessible public rights-of-way (ROW) within this area were traveled during the survey described in this report. Where AECOM received permission, private property was entered so that buildings could more closely be examined and documented.

Results

During the survey, an AECOM architectural historian identified 72 previously unrecorded architectural resources. Of these sites, 61 were documented on North Dakota Cultural Resources Survey (NDCRS) Architectural Site forms. A file search of the Survey Corridor uncovered 21 previously recorded sites, which were re-evaluated during the survey, and updated NDCRS forms were submitted for each site. A total of five sites were not located in areas of survey access, but were tentatively evaluated by documenting the buildings and structures visible from the public ROW and on aerial imagery. A further seven properties were determined to be entirely modern in nature, and no NDCRS forms were completed for these properties; however, these properties will briefly be discussed in the report. The documented resources included homes, barns, silos, garages, sheds, livestock shelters, churches, grain bins, and schools.



A total of 93 sites were surveyed or evaluated by an architectural historian during the course of the reconnaissance level architectural survey. It is AECOM's recommendation that one of the sites documented within two miles of the Project's wind turbines is eligible for the National Register of Historic Places. However, due to a thick shelter belt surrounding the site and its distance from the Project, the turbines are considered to be outside the viewshed for the site. Therefore, there are no visual impacts to the setting of the site for which mitigation would be recommended. As such, no further work is recommended by AECOM for the Project as mapped and detailed in the Class II Architectural Resources Inventory report. The Class II report will be submitted to the North Dakota State Historic Preservation Office (ND SHPO) and concurrence will be obtained prior to construction of the Project. Once the ND SHPO concurrence letter is received it will be submitted to the Commission.