

Addendum No. 2 to:

Class III Cultural Resource Inventory – Management Summary

EXHIBIT

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Oliver III Wind Energy Center Oliver and Morton Counties, North Dakota

ND SHPO REF: 16-0485B



Prepared for



Prepared by



April 2016

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MANAGEMENT SUMMARY

Oliver Wind III, LLC (Oliver Wind III), a wholly-owned, indirect subsidiary of NextEra Energy Resources, LLC (NEER), proposes to construct the Oliver III Wind Energy Center (the Project), located approximately 13 miles (mi) (20.9 kilometers [km]) northwest of the city of Bismarck in Oliver and Morton Counties, North Dakota. The proposed Project will have a nameplate capacity of approximately 100 megawatts (MW), consisting of up to 48 wind turbines using both General Electric (GE) 2.1 MW and GE 1.79 MW Xle wind turbine generators. Additional facilities will include service roads, electrical collection systems and cabling, a collection substation, an operation and maintenance (O&M) building, meteorological towers, and a construction laydown area. The proposed substation will connect to the existing Minnkota Power Cooperative, Inc. Center to Mandan 230 kilovolt (kV) transmission line approximately 9 mi (14.5 km) south-southeast of the town of Center via approximately 4.5 mi (7.2 km) of overhead transmission line and will transmit power into the Midwest Independent System Operator (MISO) grid. The transmission line and associated facilities will be described in a separate report.

The Project will require a Certificate of Site Compatibility from the North Dakota Public Service Commission (PSC); therefore, the Project is subject to review by the State Historical Society of North Dakota (SHSND) under North Dakota Century Code (NDCC) **49-22 – Energy Conversion and Transmission Facility Siting Act**.

On March 12, 2012, the North Dakota Public Service Commission (PSC) issued Certificate of Site Compatibility for an Energy Conversion Facility No. 27 to Oliver Wind III for the construction, operation, and maintenance of a wind energy facility known as the Oliver Wind III Energy Center to be located in Morton County, North Dakota (PSC Case Number PU-11-561). As part of the initial PSC permitting for the proposed Project in 2011 and 2012, the initial wind energy center investigation received a SHSND concurrence letter in December 2011 (ND SHPO REF.: 11-1281) and an addendum investigation received a SHSND concurrence letter in December 2012 (ND SHPO REF.: 11-1281A). The wind energy center as authorized in PSC Case No. PU-11-561 has not been constructed.

In November 2015, Oliver Wind III modified the proposed Project layout that included minor shifts to some turbine locations and the addition of new turbines, meteorological towers, a substation, and laydown areas. Due to these significant changes in the wind energy center, Oliver Wind III resubmitted the PSC permit application and requested that the proposed wind energy center be substituted for and supersede that as approved in PSC Case No. PU-11-561. Tetra Tech completed a pedestrian survey of the modified and new facilities in November 2015 and provided recommendations for site avoidance to Oliver Wind III in December 2015. From February to April 2016, Oliver Wind III provided service roads, collection lines, and crane paths for the revised turbine array. In March and April 2016, Tetra Tech conducted a pedestrian survey and shovel probing at the Project.

The Survey Corridor includes all areas that may be permanently or temporarily affected during construction of the Project and is based on:

- The turbine layout dated April 5, 2016;
- The service road layout dated April 5, 2016;
- The electrical collection line route layout dated April 21, 2016;
- The crane path layout dated January 21, 2016;
- The meteorological tower layout dated January 25, 2016;
- The operations and maintenance facility and temporary laydown/staging area layout dated November 17, 2015;
- The substation layout dated February 23, 2016; and
- The haul route turning radii dated April 5, 2016.

For these Project facilities, Tetra Tech surveyed:

- A 500-foot (ft) (152.4-meter [m]) diameter circular area centered on the proposed turbine locations;
- A 200-ft (61-m) corridor for the service roads;
- A 50-ft (15.2-m) corridor for the collection lines;
- A 400-ft (121.9-m) diameter circular area centered on the proposed meteorological tower locations;
- A 10-acre (ac) (4.0-hectare [ha]) area for the substation;
- A 40-ac (16.2-ha) area for the proposed operations and maintenance facility and temporary laydown/staging area; and
- A roughly 0.5-ac (0.2-ha) area for each of the 13 haul route turning radii.

These areas comprise the Survey Corridor, which includes 806 acres (326.2 hectares). Approximately 142 ac (57.5 ha) of the current Survey Corridor was previously surveyed during the initial Oliver III Wind Energy Center Class III investigation (Holven 2011), the subsequent wind energy center addendum (Holven 2012), and the Class III investigation for the Oliver III Transmission Line (Holven and Eigenberger 2011). The initial wind energy center investigation received a SHSND concurrence letter in December 2011 (ND SHPO REF.: 11-1281), the addendum investigation received a SHSND concurrence letter in December 2012 (ND SHPO REF.: 11-1281A), and the transmission line investigation received a SHSND concurrence letter in December 2011 (ND SHPO REF.: 09-1694). Portions of the Survey Corridor that intersect previously pedestrian

surveyed areas were not resurveyed; however, shovel probes were placed in previously pedestrian surveyed areas as needed.

During the pedestrian survey of the Survey Corridor, Tetra Tech documented six Native American isolated finds (32MOx595, 32MOx596, 32MOx597, 32MOx598, 32MOx603, and 32MOx604). During shovel probing within the Survey Corridor, Tetra Tech documented four additional Native American isolated finds (32MOx599, 32MOx600, 32MOx601, and 32MOx602). All the Native American isolated finds consist of non-diagnostic lithic materials. Tetra Tech determined that the isolated finds were low density with no, or very limited, potential for intact subsurface deposits.

Due to Project layout modifications, five newly and four previously documented sites are no longer within the Survey Corridor. These sites included two Native American cairn sites (32MO1088 and 32MO1089), two non-diagnostic Native American subsurface artifact scatters (32MO1462 and 32MO1463), one non-diagnostic Native American surface artifact scatter (32MO1465); one Euro-American stone quarry site (32MO1411) and one former Euro-American farmstead (32MO1460); and two sites of indeterminate cultural affiliation consisting of a stone piles (32MO1391 and 32MO1461). Avoidance buffers were recommended for these sites and alternative areas were surveyed using pedestrian and/or shovel probing to determine the presence of cultural resources within these alternative areas. Since these sites have been avoided, then Tetra Tech recommends, per NDCC 49-22-09(9) that no archaeological sites will be affected by the project.

Recommendations for site avoidance also include associated activities such as surveying and staking the proposed layout prior to construction. Tetra Tech recommends delineating the site avoidance buffers within or adjacent to the construction easement with high-visibility snow fencing prior to construction. Such fencing will reduce the potential for inadvertent disturbance to the resources during construction. An unanticipated discoveries plan has been developed to accommodate any archaeological materials that may be unearthed during the construction of the proposed facilities. If areas beyond the Survey Corridor are to be used during construction, then Tetra Tech recommends that an addendum Class III cultural resource inventory be conducted to determine the presence or absence of cultural resources within these areas.