

APPENDIX D – Decommissioning Plan

Memorandum



Date: May 28, 2021
To: Mark Lennox, NextEra
From: Robbie Thompson
Subject: Dodge Transmission Line Decommissioning Plan

Burns & McDonnell Engineering Company, Inc. (“Burns & McDonnell”) was retained by NextEra Energy Resources d/b/a Dodge County Wind (collectively, the “Developer”) to prepare a decommissioning plan and cost estimate. This work was prepared for the 27-mile, 161-kV transmission line (the “Dodge Transmission Line”) associated with the Dodge County Wind Project located in Dodge and Mower Counties in Minnesota. This line is expected to be constructed in 2021.

Decommissioning Plan

When it is determined that the Dodge Transmission Line should be retired, the equipment will be removed as noted herein. It was assumed that the Developer will incur costs for removal and disposal of the transmission structures and conductors, as well as for the restoration of the site following the removal of equipment. However, the above-grade steel, aluminum, and copper equipment is expected to have significant scrap value to a salvage contractor that will offset some decommissioning costs. All recyclable materials will be recycled to the extent possible, while all other non-recyclable waste materials will be disposed of in accordance with state and federal law.

Cables will be removed from poles, stripped of insulation, and spooled for recycling. The transmission poles will be removed with a crane, disassembled, and loaded onto a trailer. The towers and other recyclable parts will then be hauled off to a scrap yard for recycling. The cost estimate presented includes the cost to haul material to the scrap yard. Voids left from the removal of the towers will be backfilled with surrounding subsoil and topsoil and fine graded to provide suitable drainage.

For the portion of the Dodge County Wind Project that supports an additional transmission line, it was assumed that only the cables would be removed; transmission structures were assumed to remain in place.

Basis of Estimate

No detailed engineering was available for review at the time this estimate was prepared. However, structure counts were provided by the Developer as presented in Table 1. Additionally, a KMZ was provided by the Developer showing the approximate routing and length of the Dodge Transmission Line. This information formed the basis of the estimate.

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Table 1: Structure Quantities

Structure Type	Quantity
Tangent	221
Angled	10
Dead End	36

Cost Estimate

Based on the assumptions noted herein, Burns & McDonnell estimated a total decommissioning cost of \$2,208,000 for the Dodge Transmission Line. A breakdown of costs is provided in the table below.

Table 2: Estimated Costs for Decommissioning

Description	Cost
Mobilization Fee	\$243,000
Structure Removal	\$689,000
Conductor Removal	\$1,107,000
Hauling and Disposal	\$49,000
Backfill and Grading	\$35,000
Subtotal	\$2,123,000
Contingency (20%)	\$425,000
Owner's Indirect Costs (5%)	\$106,000
Scrap	\$(446,000)
Net Total	\$2,208,000