



PSC REF#: 436510



Public Service Commission of Wisconsin
RECEIVED: 04/28/2022 2:14:30 PM

ATC: P.O. BOX 47 ■ WAUKESHA, WI 53187-0047
PHONE: 262-506-6700 ■ TOLL FREE: 866-899-3204 ■ FAX: 262-506-6124 ■ www.atcllc.com

DPC: P.O. Box 817 ■ La Crosse, Wisconsin 54602
PHONE: 608-788-4000 ■ www.dairylandpower.com

ITC Midwest: 123 5th Street SE, Cedar Rapids Iowa 52401
PHONE: 515-282-5300 ■ www.itc-holdings.com

April 28, 2022

Mr. Cru Stublely
Secretary to the Commission
Public Service Commission of Wisconsin
4822 Madison Yards Way
Madison, WI 53705-9100

Cardinal-Hickory Creek Transmission Line Project
PSCW Docket No. 05-CE-146
Quarterly Progress Report for 1st Quarter of 2022

Dear Mr. Stublely:

In accordance with Condition 39 of the Commission's *Final Decision and Order* in this docket, served September 26, 2019 (the Order), American Transmission Company (ATC) and ITC Midwest LLC (ITC Midwest), as the project's construction managers, on behalf of themselves and co-permittee, Dairyland Power Cooperative, submit this progress report for the period January 1, 2022 through March 31, 2022.

ATC is managing the construction of the Hill Valley Substation, and the transmission line between the Hill Valley and Cardinal Substations. Construction segments are designated E-1, Hill Valley Substation to Dodgeville; E-2, Dodgeville to Mt. Horeb; and E-3, Mt. Horeb to the Cardinal Substation.

ITC Midwest is managing the transmission line construction between the Hickory Creek Substation in Iowa and the Hill Valley Substation. Construction segments in Wisconsin are designated W-1, Nelson Dewey to Lancaster, and W-2, Lancaster to the Hill Valley Substation.

Schedule

Substation

ATC started construction of the Hill Valley Substation on March 28, 2022. Site grading and preparation work is expected to continue thru spring and early summer. Foundation construction is expected to begin in June 2022.

ATC commenced construction of substation upgrades at Nelson Dewey Substation in the 4th Quarter of 2021.

ATC expects to commence construction of substation upgrades at Cardinal Substation in the 2nd Quarter of 2022.

Transmission Line

ATC continued vegetation clearing on Segment E-3 and expects to complete clearing activities on Segment E-3 in July 2022 except for follow-up herbicide applications. ATC expects to begin vegetation activities on Segment E-2 in May or June with mowing activities and tree removal activities after July 31, 2022. ATC expects to begin vegetation activities on Segment E-1 in June with mowing activities and tree removal activities after July 31, 2022.

ATC received mats and began placement activities throughout the 1st Quarter of 2022 on Segment E-3. Mat placement on Segment E-3 is expected to be completed in August 2022 to support line construction. Mat placement activities are expected to begin on Segment E-2 during the 3rd Quarter of 2022 and on Segment E-1 during the 4th Quarter of 2022.

On Segment E-3, ATC mobilized construction resources to support foundation installation activities in March of 2022. In May of 2022, ATC anticipates hauling, setting, and framing structures. ATC anticipates wiring stringing activities to begin in late June 2022 or early July depending on weather conditions.

ATC continues to receive project materials.

ITC Midwest started construction installation of construction matting in December 2022 and with vegetation clearing on Segment W-1 on January 4, 2022, mat installation and vegetation removal should be completed by end of Q2 2022.

ITC Midwest is receiving material, anchor cages, and structures for Segment W-1.

ITC Midwest started drilling and pouring foundations April 18, 2022.

ITC Midwest anticipates starting construction with vegetation clearing on Segment W-2 in the 4th Quarter of 2022.

ITC Midwest Iowa Segment 2 will also include setting three structures on the Wisconsin side of the Mississippi River at the Nelson Dewey Substation, which is anticipated to take place in the 4th Quarter of 2022, and stringing conductor across the Mississippi River, which is anticipated to take place in the 1st Quarter of 2023.

Real Estate Activities

ATC continued making easement offers. For Segment E-3 100%, Segment E-2 100%, and Segment E-1 96% of offers have been made.

ATC has secured sufficient land rights for 100% of parcels in Segment E-3, 95% of parcels in Segment E-2, and 82% of parcels in Segment E-1.

ATC has received WisDOT permits for Dane and Iowa counties.

ITC Midwest has made easement offers on 99% of the parcels. ITC has secured easements on 99% of the parcels on Segment W-1 and has secured easements on 95% of Segment W-2.

ITC Midwest has received all State, County, and Township permitting.

Engineering and Construction

Substation

Hill Valley Substation:

Engineering and design efforts continued. Purchase orders were issued for some station equipment and material.

Nelson Dewey Substation:

Engineering and design are complete.

Cardinal Substation:

Engineering and design efforts continued. Purchase orders were issued for long lead time materials.

Eden and other related substations:

Engineering and design efforts continued.

Dairyland continues the engineering analysis of the Stoneman Substation.

Transmission Line

Mississippi River Crossing to Hill Valley:

Transmission line design is complete. Material has been ordered.

Hill Valley to Cardinal:

Transmission line design continued. Construction specifications and drawings were completed for Segments E-3 and E-2. Segment E1 has been issued for review. Additional geotechnical study was completed in Segment E-3 and Segment E-2 to support foundation design. Segment E-1 geotechnical studies will resume in June.

Order Compliance

Condition 10: ATC met with WDNR Trail Managers in advance of vegetation management activities on state trail property.

Condition 13: ITC received Coverage under WPDES General Permit for Construction Site Storm Water Runoff for Segments W-1 and W-2.

Condition 18 and 19: ATC filed on the Commission's ERF System the approved Construction Mitigation Plans for Segment E-1.

Condition 18 and 19: ITC submitted a Construction Mitigation Plan for WDNR and PSC review for Segments W-1 and W-2. ITC filed on the Commission's ERF System the approved Construction Mitigation Plans for Segments W-1 and W-2.

Project Expenditures

Project costs through March 31, 2022, are provided in the attached table.

If you have any questions concerning this report, please contact me at (262) 506-6169, or ctanchester@atcllc.com.

Sincerely,

/s/ Carolyn Tanchester

Carolyn Tanchester
Senior Paralegal
ATC Management Inc.,
corporate manager of
American Transmission Company LLC

PROJECT COST CATEGORY	Approved	As of March 31, 2022
Transmission Lines		
Mississippi River Crossing to Hill Valley Substation	\$133,697,000	\$47,723,139
Hill Valley Substation to Cardinal Substation	\$191,851,000	\$100,993,000
TRANSMISSION LINES TOTAL	\$325,548,000	\$148,716,139
Substations		
All Substation Costs	\$38,274,000	\$4,465,922
SUBSTATIONS TOTAL	\$38,274,000	\$4,465,922
Other Project Costs		
One-time Environmental Impact Fee	\$14,082,000	\$12,744,401
Annual Impact Fee (during construction)	\$1,914,000	\$976,518
Pre-certification Costs - ATC	\$16,000,000	\$18,628,000
Pre-WI Order Costs - ITC	\$10,490,000	\$4,059,400
Pre-WI Order Costs - DPC	\$1,577,000	\$1,864,808
AFUDC-ITC	\$18,779,000	\$10,876,106
AFUDC-DPC	\$626,000	\$489,796
Post-WI Order Costs - DPC	\$2,035,000	\$1,588,865
OTHER PROJECT COSTS TOTAL	\$65,503,000	\$51,227,894
PROJECT COST - WISCONSIN	\$429,325,000	\$204,409,955
PROJECT COST - IOWA	\$62,891,000	\$72,559,312
TOTAL PROJECT COST	\$492,216,000	\$276,969,267