



July 30, 2021

Ms. Steffany Powell Coker
Secretary to the Commission
Public Service Commission of Wisconsin
4822 Madison Yards Way
Madison, WI 53705-9100

RE: Docket 5-BS-228: Joint Application of Madison Gas and Electric Company and Wisconsin Public Service Corporation for Approval to Acquire Ownership Interests in Solar Electric Generating Facilities

RE: 9696-CE-100: Application for a Certificate of Public Convenience and Necessity of Two Creeks Solar, LLC to Construct a Solar Electric Generation Facility, to be Located in Manitowoc and Kewaunee Counties, Wisconsin

RE: 9696-CE-101: Application for a Certificate of Public Convenience and Necessity of Two Creeks Solar, LLC to Construct an Electric Tie Line to Connect a Solar Electric Generation Facility to the Existing Transmission System, to be Located in Manitowoc and Kewaunee Counties, Wisconsin

RE: 9697-CE-100: Application for a Certificate of Public Convenience and Necessity of Badger Hollow Solar Farm, LLC to Construct a Solar Electric Generation Facility, to be Located in Iowa County, Wisconsin

RE: 9697-CE-101: Application for a Certificate of Public Convenience and Necessity of Badger Hollow Solar Farm, LLC to Construct an Electric Tie Line to Connect a Solar Electric Generation Facility to the Existing Transmission System, to be Located in Iowa County, Wisconsin

Dear Ms. Powell Coker:

Pursuant to Order Points within the Commission's Final Decisions issued April 18, 2019, in the above referenced dockets, Wisconsin Public Service Corporation and Madison Gas and Electric Company (collectively, Applicants) hereby submit the attached 2nd quarter 2021 construction status report.

The 5-BS-228 April 18, 2019 Final Decision – PSCW Order Point 8 states:

To the extent the applicants proceed to closing prior to completion of construction of the projects, the applicants shall file with the Commission quarterly process reports that include the following:

- a. The date that construction commences;*
- b. Major construction and environmental milestones, including permits obtained, by agency, subject, and date;*
- c. Summaries of the status of construction, the anticipated in-service date, and the overall percent of physical completion;*

- d. *Actual project costs to-date;*
- e. *Once a year, a revised total cost estimate for the project;*
- f. *The date that the projects are placed in service; and,*
- g. *The final, as-built cost of the project.*

The 9696-CE-100 April 18, 2019 Final Decision – PSCW Order Point 6 states:

Beginning with the quarter ending June 30, 2019, and within 30 days of the end of each quarter thereafter and continuing until the authorized facilities are fully operational, Two Creeks shall submit quarterly progress reports to the Commission that include all of the following:

- a. *The date that construction commences;*
- b. *Major construction and environmental milestones, including permits obtained, by agency, subject, and date;*
- c. *Summaries of the status of construction, the anticipated in service date, and the overall percent of physical completion;*
- d. *The date that the facilities are placed in service.*

The 9696-CE-101 April 18, 2019 Final Decision – PSCW Order Point 6 states:

Beginning with the quarter ending June 30, 2019, and within 30 days of the end of each quarter thereafter and continuing until the authorized facilities are fully operational, Two Creeks shall submit quarterly progress reports to the Commission that include all of the following:

- a. *The date that construction commences;*
- b. *Major construction and environmental milestones, including permits obtained, by agency, subject, and date;*
- c. *Summaries of the status of construction, the anticipated in service date, and the overall percent of physical completion;*
- d. *The date that the facilities are placed in service.*

The 9697-CE-100 April 18, 2019 Final Decision – PSCW Order Point 6 states:

Beginning with the quarter ending June 30, 2019, and within 30 days of the end of each quarter thereafter and continuing until the authorized facilities are fully operational, Badger Hollow shall submit quarterly progress reports to the Commission that include all of the following:

- a. *The date that construction commences;*
- b. *Major construction and environmental milestones, including permits obtained, by agency, subject, and date;*
- c. *Summaries of the status of construction, the anticipated in service date, and the overall percent of physical completion;*
- d. *The date that the facilities are placed in service.*

The 9697-CE-101 April 18, 2019 Final Decision – PSCW Order Point 6 states:

Beginning with the quarter ending June 30, 2019, and within 30 days of the end of each quarter thereafter and continuing until the authorized facilities are fully operational, Badger Hollow shall submit quarterly progress reports to the Commission that include all of the following

- a. *The date that construction commences;*

- b. Major construction and environmental milestones, including permits obtained, by agency, subject, and date;*
- c. Summaries of the status of construction, the anticipated in service date, and the overall percent of physical completion;*
- d. The date that the facilities are placed in service.*

Inquiries regarding these documents can be directed to Rich Stasik at richard.stasik@wecenergygroup.com and (414) 221-3685 for WPSC or Scott Smith at ssmith@mge.com and (608) 252-5609 for MGE.

Respectfully submitted,

/s/ Theodore T. Eidukas

Theodore T. Eidukas
Vice President -
State Regulatory Affairs
WEC Energy Group
Wisconsin Public Service Corp.

/s/ Scott R. Smith

Scott R. Smith
Assistant Vice President -
Business and Regulatory Strategy
Madison Gas and Electric Co.

Attachment

Wisconsin Public Service Corporation & Madison Gas and Electric Company
 5-BS-228, 9696-CE-100, 9696-CE-101, 9697-CE-100, 9697-CE-101
 Two Creeks & Badger Hollow I Solar Parks
 Q2 2021 Progress Report

1. Major Construction Milestones - Two Creeks

Construction Milestones:	Plan	Actual
Mobilization	August 2019	August 2019
Start of Post Installation	October 2019	September 2019
Start of Module Installation	June 2020	April 2020
Start of Commissioning	October 2020	September 2020
In-Service	December 2020	November 2020

2. Summary Status of Construction - Two Creeks

- Commencement of construction occurred on August 26, 2019.
- Project was placed into service on November 2, 2020.

3. Status of Permits & Studies – Two Creeks

Solar Array Permits	Update
DNR Pond Permit	Issued 5/17/2019
DNR Culvert Permit	Issued 5/17/2019. Culvert installed at O&M building and permit was closed on 02/18/2020.
DNR Wetland Fill Permit	Issued 5/17/2019
DNR WPDES Construction Storm-water Permit	Issued 8/20/2019 and amended on 12/03/2019. Permit will remain open until the 70% vegetation requirement is met.
Gen-Tie Line Permits	Update
DNR Wetland Fill Permit	Issued 5/17/2019
DNR WPDES Construction Storm-water Permit	Issued 1/10/2020, amended on 4/16/2020 and closed on 10/27/2020.
Studies	Update
Sound Study	Post Construction Sound Study was completed and submitted to PSC on 3/29/2021.
Avian Mortality Study	Western Ecosystems Technologies is developing a draft study protocol for both solar sites, which will be shared with PSC and DNR staff in late 2021. Field work will occur in 2022.
Vegetation Management Plan	A PSC and DNR approved final Seeding and Vegetation Management Plan was submitted to PSC on 9/25/2020.
Decommissioning Study	Decommissioning Study was submitted to PSC on 4/28/2020.
Stray Voltage Study	Pre-Construction Report was submitted to PSC on 11/01/2019. Post Construction Report was submitted to PSC on 3/29/2021. Final Stray Voltage Report submitted to PSC on 6/4/2021.
T-line GPS Coordinates	Final engineering coordinates were provided to PSC on 1/29/2021.
Endangered Resources	Endangered Resources Report was submitted to the PSC on 7/9/2020.

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4. Major Construction Milestones – Badger Hollow 1

Construction Milestones:	Plan	Actual
Mobilization	October 2019	October 2019
Start of Post Installation	October 2019	October 2019
Start of Module Installation	June 2020	June 2020
Start of Substation Commissioning	August 2020	August 2020
Start of Solar Array Commissioning	May 2020	May 2020
In-Service	Oct 2021*	

* In-Service Date has moved from April 2021 to October 2021 due to delays caused by lack of performance by, and subsequent termination of, the general contractor constructing the project. Another contractor has been hired to complete the project and work is underway.

5. Summary Status of Construction – Badger Hollow 1

- The commencement of construction occurred on October 21, 2019.
- The overall percent of physical completion is 88%.
- Construction progress includes:
 - Substation and Transmission Line – installation is complete
 - AC collector system and DC/AC Inverters – installation is complete
 - Racking, DC wiring & modules – installation continues
 - Commissioning – in progress

6. Status of Permits and Studies – Badger Hollow 1

Solar Array Permits	Update
DNR WPDES Construction Storm-water Permit	Issued on 10/1/2019 and amended on 07/16/2020. Permit will remain open until the 70% vegetation requirement is met.
Gen-Tie Line Permits	Update
DNR WPDES Construction Storm-water Permit	Issued on 10/1/2019 and amended on 07/16/2020. Permit will remain open until the 70% vegetation requirement is met.
Studies	Update
Sound Study	Post Construction Sound Study will be completed within 3 months of operation at full capacity
Avian Study	Western Ecosystems Technologies is developing a draft study protocol for both solar sites, which will be shared with PSC & DNR in late 2021. Field work will occur in 2022.
Vegetation Management Plan	A Ground Cover Strategy Plan was submitted as part of the CPCN application. PSC staff have approved the Final Plan, which will be submitted via ERF.
Decommissioning Study	Decommissioning Study was submitted to PSC on 5/18/2020.
Stray Voltage Study	Pre-Construction stray voltage testing was completed and submitted to the PSC on 7/31/2020.
T-line GPS Coordinates	Final engineering positions were provided to the PSC on 4/23/20.
Endangered Resources	An updated Endangered Resources Report (ERR) was provided to the PSC on 7/30/2019 and 7/30/2020.

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7. Actual Costs - Two Creeks and Badger Hollow

- Actual project costs through June 2021 were \$362.6 million and the estimate at completion is \$389.7 million.