

Sebree Solar II, LLC

Case No. 2022-00131

Application – Exhibit 9

**Kentucky State Board on Electric Generation and Transmission Siting
Sebree Solar II, LLC – Case No. 2022-00131
Application – Exhibit 9**

Filing Requirement

An analysis of the proposed facility's projected effect on the electricity transmission system in Kentucky (KRS 278.706(2)(i))

Respondent: Jason Andrews

Significant time and effort have been spent developing the interconnection for the Project.

The analysis of the proposed Project's projected effect on the electricity transmission system in Kentucky was initiated in 2020 with Big Rivers Electric Company as the Transmission Owner and Midcontinent Independent System Operator, Inc. ("MISO") as the Transmission Provider. The Sebree II Project was assigned MISO queue position number J1696. An initial screening analysis and deliverability study was completed by MISO for all MISO Central 2020 queue positions in 2022. These results identified preliminary overloads due to interconnection queue positions and assigned an early estimate of required upgrade costs to each of the MISO Central 2020 queue positions. The specific scope and costs of these upgrades will be included in the next phase of study which is the Definitive Planning Phase 1 Study. MISO is nearing completion of the Definitive Planning Phase (DPP) Schedule Phase 1 studies with an estimated May 15, 2023 completion date, with an additional two DPP phases remaining. The final results for this 2020 MISO Central queue cycle are expected in October 2023, with GIA execution expected in February 2024. A formal Feasibility Study Report and System Impact Study will be issued prior to project construction.

Attachment A: MISO DPP 2020 Central Cycle Schedule and AFS Partner Schedule- DPP 2020 Cycle- Central (2 Pages) Reference Project Cycle DPP 2020 Central Cycle in this document for Sebree II project specific information. The document is also available at the following website: https://www.misoenergy.org/planning/generator-interconnection/GI_Queue/

**Case No. 2023-00131
Application - Exhibit 9
Attachment (2 pages)**

Sebree Solar II, LLC

Case No. 2022-00131

Application – Exhibit 9
Attachment A

MISO DPP 2020 Cycle
(2 Pages)

Region	Study Cycle	Number of Projects	MWs	Site Control Date	DPP Start	DPP 1 Completion	DPP 2 Completion	DPP 3 Completion*	GIA Execution*	Current Stage/Status	Reason for Delay	Expected Time of Delay	Details
Central	DPP-2018-APR	34	7,344		4/22/2019	1/7/2020	3/10/2021	12/1/2022	4/30/2023	GIA In Progress			
	DPP-2019-Cycle	81	13,216		6/23/2020	8/5/2021	5/20/2022	3/30/2023	7/16/2023	GIA In Progress	IC Delay		Delay resolving IC updates
	DPP-2020-Cycle	85	13,173		3/15/2021	5/15/2023	8/25/2023	10/20/2023	2/5/2024	DPP 1	TO Delay		Delay in resolving mitigations
	DPP-2021-Cycle	119	17,586		12/8/2021	6/14/2023	9/24/2023	11/19/2023	3/6/2024	DPP 1	MISO Delay		Cont'd due to previous cycles
	DPP-2022-Cycle	283	51,762	9/15/2022	3/27/2023	7/26/2023	11/5/2023	12/31/2023	4/17/2024	DPP 1			Delay due to large queue and updating the model
East (ATC)	DPP-2019-Cycle	16	1,721		5/20/2020	2/11/2021	3/10/2022	11/14/2022	4/13/2023	GIA In Progress			
	DPP-2020-Cycle	29	3,850		2/24/2021	7/30/2021	10/28/2022	5/17/2023	9/2/2023	DPP 3	TO Delay		Add delay due to complexity of incorporations
	DPP-2021-Cycle	38	5,166		12/8/2021	4/28/2023	8/8/2023	10/3/2023	1/19/2024	DPP 1	MISO / TO Delay		Delay due to number of projects
	DPP-2022-Cycle	30	4,045	9/15/2022	3/27/2023	7/26/2023	11/5/2023	12/31/2023	4/17/2024	DPP 1			Delay due to large queue and updating the model
East (ITC)	DPP-2019-Cycle	28	3,621		7/7/2020	2/11/2021	3/29/2022	9/10/2022	12/27/2022	GIA In Progress			
	DPP-2020-Cycle	21	3,872		2/24/2021	1/6/2022	9/7/2022	4/3/2023	7/20/2023	DPP 3	MISO Delay		Add delay due to mitigation development errors
	DPP-2021-Cycle	54	8,907		12/8/2021	4/28/2023	8/8/2023	10/3/2023	1/19/2024	DPP 1	MISO / TO Delay		Delay due to number of projects
	DPP-2022-Cycle	87	15,015	9/15/2022	3/27/2023	7/26/2023	11/5/2023	12/31/2023	4/17/2024	DPP 1			Delay due to large queue and updating the model
South	DPP-2019-Cycle	34	5,545		2/10/2020	8/6/2020	3/18/2021	5/31/2022	10/28/2022	GIA In Progress			
	DPP-2020-Cycle	48	6,542		12/22/2020	10/27/2021	8/9/2022	1/20/2023	5/8/2023	DPP 3			
	DPP-2021-Cycle	144	24,603		12/8/2021	5/28/2023	9/5/2023	10/31/2023	2/16/2024	DPP 1	TO Delay		Delay due to number of projects
	DPP-2022-Cycle	369	70,999	9/15/2022	3/27/2023	7/26/2023	11/5/2023	12/31/2023	4/17/2024	DPP 1			Delay due to large queue and updating the model
West	DPP-2017-AUG	10	1,408		6/12/2019	10/24/2019	2/1/2021	8/16/2021	1/13/2022	GIA Complete			
	DPP-2018-APR	20	2,317		9/9/2019	3/25/2020	3/9/2021	12/12/2021	5/11/2022	GIA In Progress			
	DPP-2019-Cycle	24	4,314		5/5/2020	3/19/2021	2/22/2022	5/17/2023	9/28/2023	DPP 3	IC Delay		Add delay due to restudy in progress
	DPP-2020-Cycle	30	3,638		1/6/2021	12/21/2021	1/6/2023	5/5/2023	8/21/2023	DPP 3	MISO Delay		Delay due to previous cycles
	DPP-2021-Cycle	65	10,384		12/8/2021	5/24/2023	9/3/2023	10/29/2023	2/14/2024	DPP 1	IC Delay/TO Delay		Delay due to late responses
	DPP-2022-Cycle	133	25,339	9/15/2022	3/27/2023	7/26/2023	11/5/2023	12/31/2023	4/17/2024	DPP 1			Delay due to large queue and updating the model

Notes:

- 1) The dates provided are an estimate of queue cycle performance (including Federal Holidays or Weekends).
- 2) The dates provided are inclusive of the associated Decision Points. Final study reports are posted 15 business days prior to the completion dates.
- 3) DPP3 (Final System Impact Study) of several DPP cycles is scheduled to start before expected GIA execution of higher queued cycles. This schedule does not consider any restudies that may occur after Decision Point 2 of higher queued cycles.
- 4) Updates from the previous version are provided in red font.
- 5) The number of projects or MWs in a study group may change throughout the study process.

*DPP 3 Completion and GIA Completion dates assume that Interconnection Customer follows Path #1 (NU FS not required). If the Interconnection Customer elects to follow Path #2, add 90 calendar days to the dates shown in these columns.

Categories for Reason of Delay:

- TO Delay
- MISO Delay
- MISO Delay/TO Delay
- IC Delay
- Restudy Delay
- Affected System Study Delay
- Pending FERC Ruling
- Model/Mitigation Delay
- Pending Previous Study Results

MISO Holidays	2022-23
Christmas 2022	12/23 - 12/26/2022
News Year's Day	1/2/2023
Martin Luther King Day	1/16/2023
Presidents' Day	2/20/2023
Memorial Day	5/29/2023
Independence Day	7/4/2023
Labor Day	9/4/2023
Thanksgiving	11/23 - 11/24/2023
Christmas 2023	12/22 - 12/25/2023

On March 15, 2022, MISO's Reduced GIP Timeline initiative took effect. For all active study cycles, the subsequent Study Phase starting after March 15, 2022 will follow the new timeline. For additional details, please see Attachment X Sections 5.9, 7, & 11. The transition to the new DPP timeline is shown on the schedule above as follows:
 Dates NOT impacted by the new timeline have a white background with normal text
 Dates impacted by the new timeline have a green background and italic text



AFS Partner Schedule: DPP-2020-Cycle-Central

This posting is only for informational purpose. Restudy may occur if the preconditions of the initial study are changed, such as higher queued projects withdrawn or other system changes. MISO will expend best efforts to keep the information accurate and current.

Central - Phase 1 with DPP1 Completion: 5/15/2023				
AFS Owners	Phase	Current Status	New Report Expected	Comments
PJM	Ph 2	-	-	Report received 1/24/2023
	Ph 3	TBD After DP2 8/25/2023		
SPP	Ph 2	In Progress	6/9/2023	
	Ph 3	TBD After DP2 8/25/2023		
TVA	Ph 2	In Progress	May 2023	MISO stability models will be available March 2023.
	Ph 3	TBD After DP2 8/25/2023		
AECI				Report received 12/9/2021 Report received 2/8/2022 Draft report received 9/21/2022. Report Final 10/4/2022. Draft report received 1/31/2023. Report Final 2/14/2023. AECI plans a cost reallocation due to Central DP1 elections
	Ph 2	In Progress	5/19/2023	
	Ph 3	DP2 8/25/2023	8/18/2023	AECI plans a restudy with all Central, South and West DP2 elections
LG&E/K U	Ph 2	In Progress	May 2023	New Report Expected
	Ph 3	TBD After DP2 8/25/2023		