



Regionally Cost Allocated Project Reporting Analysis 2011 MVP Portfolio Analysis Report

MVP Project Status December 2017

MVP No.	Project Name	State	Estimated in Service Date ¹		Status		Cost ²			Explanation ⁶
			MTEP Approved	August 2017	State Regulatory Status	Construction	MTEP Approved ³	MTEP Approved Dollars Adjusted to Estimated ISD ⁴	December 2017 ⁵	
1	Big Stone - Brookings	SD	2017	2017	●	Complete	\$227	\$263	\$141	
2	Brookings, SD - SE Twin Cities	MN/SD	2011-2015	2013-2015	●	Complete	\$738	\$738*	\$670	
3	Lakefield Jct - Winnebago - Winco - Burt area & Sheldon - Burt Area - Webster	MN/IA	2015-2016	2015-2018	●	Underway	\$550	\$654	\$651	A - E
4	Winco - Lime Creek - Emery - Black Hawk - Hazleton	IA	2015	2015-2019	●	Underway	\$469	\$571	\$564	B, C, D & E
5	N. LaCrosse - N. Madison - Cardinal (a/k/a Badger - Coulee Project)	WI	2018	2018	●	Underway	\$798	\$1,073	\$1,016	A, F
	Cardinal - Hickory Creek	WI/IA	2020	2023	○	Pending				A, D, F
6	Big Stone South - Ellendale	ND/SD	2019	2019	●	Underway	\$331	\$403	\$320	
7	Ottumwa - Zachary	IA/MO	2017-2020	2018-2019	●	Pending	\$152	\$186	\$226	A,B,C,D
8	Zachary - Maywood	MO	2016-2018	2016-2019	●	Pending	\$113	\$137	\$172	A, D, E
9	Maywood - Herleman - Meredosia - Ipava & Meredosia - Austin	MO/IL	2016-2017	2016-2017	●	Underway	\$432	\$501	\$723	A, B
10	Austin - Pana	IL	2018	2016-2017	●	Underway	\$99	\$115	\$135	A,B
11	Pana - Faraday - Kansas - Sugar Creek	IL/IN	2018-2019	2015-2019	●	Underway	\$318	\$388	\$423	A,B
12	Reynolds - Burr Oak - Hiple	IN	2019	2018	●	Underway	\$271	\$322	\$388	B,C
13	Michigan Thumb Loop Expansion	MI	2013-2015	2012-2015	●	Complete	\$510	\$563	\$504	
14	Reynolds - Greentown	IN	2018	2013-2018	●	Underway	\$245	\$299	\$388	B
15	Pleasant Prairie - Zion Energy Center	WI	2014	2013	●	Complete	\$29	\$30	\$36	E, F
16	Fargo - Sandburg - Oak Grove	IL	2014-2019	2016-2018	●	Pending	\$199	\$237	\$198	
17	Sidney - Rising	IL	2016	2016	●	Complete	\$83	\$94	\$88	
Total							\$5,564	\$6,573	\$6,645	

Footnotes:

¹ Estimated ISD provided by constructing Transmission Owners.

² Costs stated in millions.

³ MTEP11 approved cost estimates provided by constructing Transmission Owners.

⁴ MTEP11 approved cost estimates escalated to the estimated in-service year dollars based on MISO's 2.50% annual inflation rate.

⁵ Current cost estimates provided by constructing Transmission Owners. This represents the estimated cost for ratebase purposes.

⁶ Explanation for cost variance beyond annual inflation escalation. See below for explanation.

* MTEP11 approved cost estimate was provided in nominal (expected year of spend) dollars.

State Regulatory Status Indicator Scale	
○	Pending
◐	In regulatory process or partially complete
●	Regulatory process complete or no regulatory process Requirements

Explanations

- A. Regulatory Requirements
- B. Engineering & Design Standards
- C. Material / Commodity Pricing
- D. Schedule Delay
- E. Costs associated with delayed ISD
- F. Other

Examples: Detailed information can be found in the MTEP Quarterly Status Update (<https://www.misoenergy.org/Library/Pages/ManagedFileSet.aspx?SetId=1945>).

Routing changes, timing delays, structure changes, and equipment modifications necessary to fulfill regulatory requirements.
 Modifications to foundations, structures, lines, and substations resulting from detail design, route selection and/or new NERC standards.
 Price escalation variances above and beyond standard escalation assumption (including labor).
 Increased cost due to changes in scheduling and, if applicable, the resulting higher AFUDC.
 Route changes due to legal or right-of-way issues, changes in material availability or costs, and new standards.
 Described in the MTEP Quarterly Status Update.