

**Montana-Dakota Utilities Co.**  
**Electric Utility**  
**Transmission Cost Recovery Rider**  
**Summary of Revenue and Expenses Allocated to South Dakota**  
**Projected 2023**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Facility Sharing Agreement	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,337	\$244,000
Rate 45 Customer	0	0	37,040	111,120	277,800	355,649	355,649	493,957	493,957	592,748	592,748	711,298	4,021,964
	<u>\$20,333</u>	<u>\$20,333</u>	<u>\$57,373</u>	<u>\$131,453</u>	<u>\$298,133</u>	<u>\$375,982</u>	<u>\$375,982</u>	<u>\$514,290</u>	<u>\$514,290</u>	<u>\$613,081</u>	<u>\$613,081</u>	<u>\$731,635</u>	<u>\$4,265,964</u>
<b>MISO</b>													
Revenue/Credits													
Schedule 1	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,788	\$8,789	\$105,457
Schedule 2	0	0	0	0	0	0	0	0	0	0	0	0	0
Schedule 7	56,521	56,521	56,521	56,521	56,521	56,521	56,521	56,521	56,521	56,521	56,521	56,526	678,257
Schedule 8	22,833	22,833	22,833	22,833	22,833	22,833	22,833	22,833	22,833	22,833	22,833	22,837	274,000
Schedule 9	385,722	385,722	385,722	385,722	385,722	385,722	385,722	385,722	385,722	385,722	385,722	385,722	4,628,664
NITS Cust Rev Req	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,284)	(49,287)	(591,411)
Schedule 24	70,565	70,565	70,565	70,565	70,565	70,565	70,565	70,565	70,565	70,565	70,565	70,566	846,781
Schedule 26	83,082	83,082	83,082	83,082	83,082	83,082	83,082	83,082	83,082	83,082	83,082	83,081	996,983
	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,227</u>	<u>\$578,234</u>	<u>\$6,938,731</u>
<b>Charges</b>													
Schedule 10													
Energy	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,810	\$53,808	\$645,718
Demand	3,920	3,920	3,920	3,920	3,920	3,920	3,920	3,920	3,920	3,920	3,920	3,918	47,038
FERC	26,037	26,037	26,037	26,037	26,037	26,037	26,037	26,037	26,037	26,037	26,037	26,039	312,446
	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,767</u>	<u>\$83,765</u>	<u>\$1,005,202</u>
Schedule 26	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,600	\$276,605	\$3,319,205
Schedule 26A	504,474	458,242	448,206	378,271	374,646	386,489	445,816	424,776	382,416	388,873	427,405	491,438	5,111,052
	<u>\$864,841</u>	<u>\$818,609</u>	<u>\$808,573</u>	<u>\$738,638</u>	<u>\$735,013</u>	<u>\$746,856</u>	<u>\$806,183</u>	<u>\$785,143</u>	<u>\$742,783</u>	<u>\$749,240</u>	<u>\$787,772</u>	<u>\$851,808</u>	<u>\$9,435,459</u>

**Montana-Dakota Utilities Co.**  
**Electric Utility**  
**Transmission Cost Recovery Rider**  
**Summary of Revenue and Expenses Allocated to South Dakota**  
**Projected 2023**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>SPP</b>													
Revenue/Credits													
Facility Credits	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,951	\$1,167,953	\$14,015,414
<b>Charges</b>													
Schedule 1	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,004	\$51,005	\$612,049
Schedule 1a	40,982	40,982	40,982	40,982	40,982	40,982	40,982	40,982	40,982	40,982	40,982	40,978	491,780
Schedule 9	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,245	1,421,240	17,054,935
Schedule 11	195,687	195,687	195,687	195,687	195,687	195,687	195,687	195,687	195,687	195,687	195,687	195,684	2,348,241
Schedule 12	15,880	15,880	15,880	15,880	15,880	15,880	15,880	15,880	15,880	15,880	15,880	15,874	190,554
	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,798	\$1,724,781	\$20,697,559
<b>Total Company Revenue/Credits</b>													
Facility Sharing	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,333	\$20,337	\$244,000
Rate 45 Customer	0	0	37,040	111,120	277,800	355,649	355,649	493,957	493,957	592,748	592,748	711,298	4,021,964
MISO	578,227	578,227	578,227	578,227	578,227	578,227	578,227	578,227	578,227	578,227	578,227	578,234	6,938,731
SPP	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,951	1,167,953	14,015,414
	\$1,766,511	\$1,766,511	\$1,803,551	\$1,877,631	\$2,044,311	\$2,122,160	\$2,122,160	\$2,260,468	\$2,260,468	\$2,359,259	\$2,359,259	\$2,477,822	\$25,220,109
Allocated to SD 1/	82,768	82,768	84,503	87,974	95,784	99,431	99,431	105,911	105,911	110,540	110,540	116,095	1,181,656
Transmission in Base 2/	12,066	11,968	10,351	8,971	10,763	6,930	9,023	7,997	7,288	7,649	15,144	16,547	124,697
	\$70,702	\$70,800	\$74,152	\$79,003	\$85,021	\$92,501	\$90,408	\$97,914	\$98,623	\$102,891	\$95,396	\$99,548	\$1,056,959
<b>Total Company Charges</b>													
MISO	\$864,841	\$818,609	\$808,573	\$738,638	\$735,013	\$746,856	\$806,183	\$785,143	\$742,783	\$749,240	\$787,772	\$851,808	\$9,435,459
SPP	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,798	1,724,781	20,697,559
	\$2,589,639	\$2,543,407	\$2,533,371	\$2,463,436	\$2,459,811	\$2,471,654	\$2,530,981	\$2,509,941	\$2,467,581	\$2,474,038	\$2,512,570	\$2,576,589	\$30,133,018
Allocated to SD 1/	121,334	119,168	118,698	115,421	115,251	115,806	118,586	117,600	115,615	115,918	117,723	120,723	1,411,843
SD PUC Assessment	238	238	238	238	238	238	238	238	238	238	238	243	2,861
<b>Net SD Expense</b>	<b>\$50,870</b>	<b>\$48,606</b>	<b>\$44,784</b>	<b>\$36,656</b>	<b>\$30,468</b>	<b>\$23,543</b>	<b>\$28,416</b>	<b>\$19,924</b>	<b>\$17,230</b>	<b>\$13,265</b>	<b>\$22,565</b>	<b>\$21,418</b>	<b>\$357,745</b>

1/ Allocated to SD on Factor 15 Integrated System 12 Month Peak Demand: 4.685372%  
2/ Transmission revenue included in base rates. Docket EL15-024, Statement Workpapers, Statement I, Page I-8.

**Montana-Dakota Utilities Co.  
Electric Utility  
MISO Revenue Schedules 1, 2, 7, 8, and 24  
Projected 2023**

	Schedule 1 1/	Schedule 2 2/	Schedule 7 3/	Schedule 8 3/	Schedule 24 3/
January	\$8,788	\$0	\$56,521	\$22,833	\$70,565
February	8,788	0	56,521	22,833	70,565
March	8,788	0	56,521	22,833	70,565
April	8,788	0	56,521	22,833	70,565
May	8,788	0	56,521	22,833	70,565
June	8,788	0	56,521	22,833	70,565
July	8,788	0	56,521	22,833	70,565
August	8,788	0	56,521	22,833	70,565
September	8,788	0	56,521	22,833	70,565
October	8,788	0	56,521	22,833	70,565
November	8,788	0	56,521	22,833	70,565
December	8,789	0	56,526	22,837	70,566
	<u>\$105,457</u>	<u>\$0</u>	<u>\$678,257</u>	<u>\$274,000</u>	<u>\$846,781</u>

1/ Three year average.

2/ MISO Schedule 2 Tariff ceases December 1, 2022 per the Order FERC Docket No. ER23-523.

Some activity will be noted after December 1, 2022 but is anticipated to net to zero.

3/ Twelve months ended December 31, 2022.

**Montana-Dakota Utilities Co.**  
**Electric Utility**  
**MISO Schedule 9 Revenue, BEPC Payments & Credits and**  
**Facility Sharing Agreement Revenue**  
**Projected 2023**

	MISO Sch 9 Revenue 1/	Payments to Basin 2/	Basin Facility Sharing Agreements 3/	Rate 45 Customer 4/
January	\$385,722	(\$49,284)	\$20,333	\$0
February	385,722	(49,284)	20,333	0
March	385,722	(49,284)	20,333	37,040
April	385,722	(49,284)	20,333	111,120
May	385,722	(49,284)	20,333	277,800
June	385,722	(49,284)	20,333	355,649
July	385,722	(49,284)	20,333	355,649
August	385,722	(49,284)	20,333	493,957
September	385,722	(49,284)	20,333	493,957
October	385,722	(49,284)	20,333	592,748
November	385,722	(49,284)	20,333	592,748
December	385,722	(49,287)	20,337	711,298
	<u>\$4,628,664</u>	<u>(\$591,411)</u>	<u>\$244,000</u>	<u>\$4,021,964</u>

1/ Twelve months ended December 31, 2022

2/ NITS Customer Revenue Requirements included in Projected  
2022 Attachment O as of January 2023.

3/ Annual Facility Sharing Agreement revenue of \$244,000.

4/ Anticipated to start service March 2023.

**Montana-Dakota Utilities Co.  
Electric Utility  
MISO Schedule 10 Expenses  
Projected 2023**

	Schedule 10 1/			
	<u>MISO - Energy</u>	<u>MISO - Demand</u>	<u>FERC - Direct</u>	<u>Total MDU</u>
January	\$53,810	\$3,920	\$26,037	\$83,767
February	53,810	3,920	26,037	83,767
March	53,810	3,920	26,037	83,767
April	53,810	3,920	26,037	83,767
May	53,810	3,920	26,037	83,767
June	53,810	3,920	26,037	83,767
July	53,810	3,920	26,037	83,767
August	53,810	3,920	26,037	83,767
September	53,810	3,920	26,037	83,767
October	53,810	3,920	26,037	83,767
November	53,810	3,920	26,037	83,767
December	53,808	3,918	26,039	83,765
	<u>\$645,718</u>	<u>\$47,038</u>	<u>\$312,446</u>	<u>\$1,005,202</u>

1/ Twelve months ended December 31, 2022.

**Montana-Dakota Utilities Co.  
Electric Utility  
MISO Schedule 26 Expense  
Projected 2023**

	<u>Charges 1/</u>	<u>Revenue 2/</u>
January	\$276,600	\$83,082
February	276,600	83,082
March	276,600	83,082
April	276,600	83,082
May	276,600	83,082
June	276,600	83,082
July	276,600	83,082
August	276,600	83,082
September	276,600	83,082
October	276,600	83,082
November	276,600	83,082
December	276,605	83,081
Total	<u>\$3,319,205</u>	<u>\$996,983</u>

1/ Schedule 26 indicative costs posted by MISO annually in Q2 of 2022:  
\$3,319,205

2/ Montana-Dakota's projected 2023 revenue requirement recovered  
for MTEP Project 1355 (Heskett 230 kV substation) under Schedule 26:  
\$996,983

**Montana-Dakota Utilities Co.  
Electric Utility  
MISO Schedule 26A Expenses  
Projected 2023**

	BSSE MVP Project		All Other MVP Projects		Total Schedule 26A Expense
	Revenue Requirement 1/	Integrated System Retail Revenue Requirement 2/	Integrated Requirements MWh 3/	Total MVP Charges (excl. BSSE Retail Rev. Req.) 4/	
January	\$1,116,023	\$7,701	325,467	\$496,773	\$504,474
February	1,116,023	7,701	295,640	450,541	458,242
March	1,116,023	7,701	289,165	440,505	448,206
April	1,116,023	7,701	244,046	370,570	378,271
May	1,116,023	7,701	241,707	366,945	374,646
June	1,116,023	7,701	249,348	378,788	386,489
July	1,116,023	7,701	287,623	438,115	445,816
August	1,116,023	7,701	274,049	417,075	424,776
September	1,116,023	7,701	246,720	374,715	382,416
October	1,116,023	7,701	250,886	381,172	388,873
November	1,116,023	7,701	275,745	419,704	427,405
December	1,116,027	7,701	317,057	483,737	491,438
Total	\$13,392,280	\$92,412	3,297,453	\$5,018,640	\$5,111,052

1/ Montana-Dakota's Projected 2023 Revenue Requirement (Attachment MM) for the BSSE MVP projected to be recovered under Schedule 26A \$13,392,280

2/ Montana-Dakota's estimated retail portion of its BSSE project based on Montana-Dakota's load ratio share in the MISO footprint 0.69% 5/

3/ 2021 Electric Load Forecast

4/ MISO's Indicative Annual MVP Charges for Approved MVPs as of May 4, 2022: \$1.55

5/ Montana-Dakota's total MVP charges including the BSSE project.

MDU Projected 2023 MWh Withdrawals - 05/04/2022 update	3,272,208
Total MISO MWh Withdrawals	474,376,768
Montana-Dakota's load share in MISO footprint	0.69%

**Montana-Dakota Utilities Co.  
Electric Utility  
SPP Revenue and Expenses  
Projected 2023**

	SPP Sch 1 1/	SPP Sch 1a 1/	Sch 9 NITS 1/	Sch 11 NITS 1/	Sch 9 Fac. Credit 2/	SPP Sch 12 1/
January	\$51,004	\$40,982	\$1,421,245	\$195,687	(\$1,167,951)	\$15,880
February	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
March	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
April	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
May	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
June	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
July	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
August	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
September	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
October	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
November	51,004	40,982	1,421,245	195,687	(\$1,167,951)	15,880
December	51,005	40,978	1,421,240	195,684	(\$1,167,953)	15,874
	<u>\$612,049</u>	<u>\$491,780</u>	<u>\$17,054,935</u>	<u>\$2,348,241</u>	<u>(\$14,015,414)</u>	<u>\$190,554</u>

1/ Twelve months ended December 31, 2022.

2/ SPP Section 30.9 Facility Credits for 2023.



## Summary of MISO and SPP Revenues, Credits, and Charges

### Revenue or Credits Received by Montana-Dakota

Facility Sharing Agreement:	Revenue received from Basin Electric Power Cooperative (BEPC) for the use of Montana-Dakota's facilities to serve BEPC member cooperative loads.
Rate 45 Customer:	Revenue received from data center-type facilities housing high density computer processing technology with expected demand of at least 10 MW per month and an expected minimum load factor of 85%.
MISO Schedule 1:	Revenue received for Montana-Dakota's scheduling and administration of moving power through MISO.
MISO Schedule 2:	Revenue received for Montana-Dakota's maintenance of voltage on the system. Effective 12-01-2022, Per FERC Order Docket No. ER23-523, this Schedule has been removed from Midcontinent Independent System Operator's, Inc. (MISO) Tariff.
MISO Schedule 7:	Revenue received by Montana-Dakota for Firm Point to Point Transmission Service.
MISO Schedule 8:	Revenue received by Montana-Dakota for Non-Firm Point to Point Transmission Service.
MISO Schedule 9:	Revenue received by Montana-Dakota for Network Integration Transmission Service (NITS). This revenue is then offset to reflect the revenue requirements of BEPC member cooperatives received by Montana-Dakota from MISO for transmission service in Montana-Dakota's pricing zone that are in turn paid to BEPC.
MISO Schedule 24:	Revenue received by Montana-Dakota as a Load Balancing Authority which it receives for services provided to others in MISO.
MISO Schedule 26:	<p>Reflects Montana-Dakota's projected 2023 MISO Attachment GG revenue requirement for MISO Transmission Expansion Plan (MTEP) project 1355 (Heskett Substation). The Heskett Substation was deemed a baseline reliability project under MISO's 2009 MTEP.</p> <p>Montana-Dakota does not include the projected revenue for MISO Schedules 37 and 38 as MISO does not provide a separate forecast for those revenues. The revenues received under these schedules represent Montana-Dakota's share of the Schedule 26 cost allocation assigned to former MISO transmission owners that have withdrawn from MISO but have an obligation to pay for MISO Schedule 26 projects due to their prior MISO</p>

	<p>membership. The actual revenues received by Montana-Dakota for MISO Schedules 37 and 38 are identified as such and therefore are included separately in Attachment D.</p>
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**Expenses Paid by Montana-Dakota**

<p>MISO Schedule 10:</p>	<p>Charges paid by Montana-Dakota for MISO Schedule 10 charges and direct FERC assessments. As transmission providers, both MISO, on behalf of Montana-Dakota, and Montana-Dakota are assessed annual charges by the FERC in accordance with FERC regulations.</p>
<p>MISO Schedule 26:</p>	<p>Reflects MISO's 2021 and 2023 indicative charges for Pricing Zone for Approved Baseline Reliability Projects, Generation Interconnection Projects, and Market Efficiency Projects. The Schedule 26 charges reflect Montana-Dakota's share of costs for projects that qualify for regional cost allocation under the MISO tariff.</p>
<p>MISO Schedule 26A:</p>	<p>Reflect Montana-Dakota's forecasted load at the indicative charge with Montana-Dakota's share of the Big Stone South to Ellendale (BSSE) retail revenue requirement stated separately. Montana-Dakota's share of the BSSE retail revenue requirement reflects the estimated retail portion of the BSSE project using Montana-Dakota's load share within the MISO footprint and the Company's projected MISO Attachment MM revenue requirement for MTEP Project 2220 (BSSE MVP Project). The BSSE MVP project is one of seventeen MVPs approved by MISO as part of the MTEP 2011 report. Schedule 26A is charged equally to all MISO load for recovery of MISO's MVP portfolio.</p>
<p>SPP Schedule 1:</p>	<p>Charges paid by Montana-Dakota to SPP for the scheduling and administration of power through SPP.</p>
<p>SPP Schedule 1a:</p>	<p>Charges paid by Montana-Dakota to SPP for SPP's administration of the market and transmission system.</p>

**Expenses Paid by Montana-Dakota cont.:**

SPP Schedule 9:	Charges paid by Montana-Dakota for Network Integration Transmission Service. Also reflected are the payments (SPP Section 30.9 Facility Credits) made for SPP's use of Montana-Dakota's transmission facilities.
SPP Schedule 11:	Charges paid by Montana-Dakota associated with Highway Byway cost allocated network upgrades. A network customer's firm network transmission charge is a combination of Schedules 9 and 11.
SPP Schedule 12:	The FERC assessments to SPP associated with Montana-Dakota's loads on the SPP system.