

## Hamre, John G.

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**From:** Frank, Robert M.  
**Sent:** Monday, April 17, 2023 9:10 AM  
**To:** Hamre, John G.  
**Subject:** FW: Renewable Resource Cost Recovery Case No. PU-22-429  
**Attachments:** Updated ND Wind Rider Tracker.pdf

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**From:** Foster, Paula <pfoster@otpc.com>  
**Sent:** Friday, April 14, 2023 4:14 PM  
**To:** Frank, Robert M. <rfrank@nd.gov>  
**Cc:** Stalboerger, Amber <astalboerger@otpc.com>  
**Subject:** Renewable Resource Cost Recovery Case No. PU-22-429

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Good afternoon, Rob.

I have attached a pdf of the updated Revenue Requirement, Rate Design and Tracker with the allocation factors approved in the most recent ND rate case and a collection period beginning May 1, 2023.

Please let us know if you have questions or need anything else.

Thank you,



**Paula Foster**  
Supervisor, Regulatory Analysis  
Regulatory Economics

218-739-8042

[pfoster@otpc.com](mailto:pfoster@otpc.com)



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31 PU-22-429 Filed 04/14/2023 Pages: 5  
Updated Revenue Requirement, Rate Design and Tracker factors  
Otter Tail Power Company  
Paula Foster

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**Otter Tail Power Company  
Renewable Resource Cost Recovery Rider  
North Dakota**

**Summary of Revenue Requirements**

Line No.	Revenue Requirements	April 2023 - March 2024
1	Revenue Requirements	\$ 12,358,709
2	Less: Projected April Revenue at prior rate	\$ (621,952)
3	Carrying Cost	\$ 34,852
4	True up	\$ 462,044
5	Total	<u>\$ 12,233,652</u>

**Otter Tail Power Company**  
**Renewable Resource Cost Recovery Rider**  
**North Dakota**

**Rate Design Calculation**

North Dakota Revenue Requirements \$ 12,233,652

Line No.	Rate Design	May 2023 - March 2024
1	Forecasted Retail Revenue, all classes	\$ 98,690,716
2	Revenue Requirements	\$ 12,233,652
3	Percentage of Revenue Rate	12.396%

Otter Tail Power Company  
Renewable Rider Tracker  
North Dakota

Line No.	TRACKER SUMMARY Requirements Compared to Billed:	2022									Year-End Balance	Forecast January	Forecast February	Forecast March	Collection Period
		Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Forecast December					
1	Langdon - DTA only effective 02/01/19	(20,605)	(20,605)	(20,605)	(20,605)	(20,605)	(20,605)	(20,605)	(20,605)	(20,605)	(247,258)	(24,353)	(24,353)	(24,353)	(258,501)
2	Ashtabula - DTA only effective 02/01/19	(79,919)	(79,919)	(79,919)	(79,919)	(79,919)	(79,919)	(79,919)	(79,919)	(79,919)	(959,024)	(88,849)	(88,849)	(88,849)	(985,815)
3	Luverne/Merricourt Wind Energy Center	954,286	954,904	960,102	953,011	1,007,116	962,112	968,894	963,153	940,667	11,549,264	1,108,604	793,002	792,033	11,357,883
4	Ashtabula III - Effective January 2023											186,961	255,994	256,092	699,048
5	Total Revenue Requirements	853,762	854,380	859,578	852,488	906,593	861,588	868,370	862,630	840,144	10,342,982	1,182,363	935,795	934,924	10,812,615
6	Preservation of ADIT Proration	0	0	0	0	0	0	0	0	0	1,011	0	0	0	0
7	Renewable Energy Certificate Sales	-	-	-	-	(200,210)	0	(12,737)	0		(212,946)				(212,946)
9	Net Revenue Requirement	853,762	854,380	859,578	852,488	706,383	861,588	855,634	862,630	840,144	10,131,046	1,182,363	935,795	934,924	10,599,669
11															
12	Billed (forecast kWh x adj factor)	888,809	601,775	584,717	672,371	695,883	738,474	645,490	608,917	667,245	9,508,756	723,569	700,687	664,211	8,192,147
13	ND ECCR Balance Transfer- Dec 2019 only														
14															
15	Monthly Revenue Difference	(46,950)	240,402	264,189	171,127	2,600	115,231	202,995	247,856	168,621		455,590	234,805	271,905	
16	Cummulative Difference	(1,916,201)	(1,675,799)	(1,411,610)	(1,240,483)	(1,237,883)	(1,122,651)	(919,657)	(671,801)	(503,180)	(15,708)	(47,590)	187,215	459,120	14,828
17	Carrying Cost Adj. for rate calculation	-	-	-	-	-	-	-	-	-		-	-	14,828	14,828
18	Adjusted Cumulative Difference	(1,928,105)	(1,687,703)	(1,423,514)	(1,252,387)	(1,249,787)	(1,134,555)	(931,561)	(683,705)	(515,084)		(59,494)	175,311	462,044	
19															
20															
21	Carrying Charge Calculation	(12,203)	(10,672)	(8,990)	(7,900)	(7,883)	(7,149)	(5,857)	(4,278)	(3,204)	(98,913)	(303)	1,192	2,924	(64,323)
22	Cummulative Carrying Charge	612,648	601,976	592,986	585,087	577,203	570,054	564,197	559,919	556,715		556,412	557,604	560,528	
23	Carrying Cost	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%		7.64%	7.64%	7.64%	
24	Monthly Rate	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%		0.63683%	0.63683%	0.63683%	
25															
26	Life-to-Date Revenue Requirement	(1,928,404)	(1,686,471)	(1,420,600)	(1,248,383)	(1,245,766)	(1,129,801)	(925,513)	(676,079)	(506,384)		(47,893)	188,407	462,044	
27															
28	Forecasted Revenue	8,646,689	7,890,007	9,281,246	9,829,858	10,078,260	9,950,922	7,961,065	8,715,384	9,386,697	107,669,219	10,179,062	9,857,155	9,344,025	111,120,372

Approved by ND PSC on March 30, 2022 in Case No. PU-22-19	
Rate Calculation - Effective April 2022	April 2022 - March 2023
Revenue Requirements	10,048,792
Carrying Charge	(79,539)
True-up	(2,144,079)
Total Revenue Requirements	7,825,174
Projected Revenue	110,083,383
Average Rate	7.108%

Otter Tail Power Company  
Renewable Rider Tracker  
North Dakota

Line No.	TRACKER SUMMARY Requirements Compared to Billed:	2023										2024			Collection Period			
		Forecast April	Forecast May	Forecast June	Forecast July	Forecast August	Forecast September	Forecast October	Forecast November	Forecast December	Year-End Balance	Forecast January	Forecast February	Forecast March				
1	Revenue Requirements																	
1	Langdon - DTA only effective 02/01/19	(24,353)	(24,353)	(24,353)	(24,353)	(24,353)	(24,353)	(24,353)	(24,353)	(24,353)	(24,353)	(292,231)	(24,353)	(24,353)	(24,353)	(292,231)		
2	Ashtabula - DTA only effective 02/01/19	(88,849)	(88,849)	(88,849)	(88,849)	(88,849)	(88,849)	(88,849)	(88,849)	(88,849)	(88,849)	(1,056,188)	(88,849)	(88,849)	(88,849)	(1,056,188)		
3	Luverne/Merricourt Wind Energy Center	1,103,842	782,807	786,969	1,103,765	784,452	785,419	1,105,107	780,769	780,769	10,707,538	765,332	764,362	1,076,172	10,619,766			
	Ashtabula III - Effective January 2023	256,190	256,288	256,386	256,484	256,582	256,680	256,778	256,876	256,974	3,008,286	262,618	262,708	262,797	3,097,361			
4	Total Revenue Requirements	1,246,831	925,893	930,154	1,247,048	927,832	928,898	1,248,684	924,443	924,541	12,357,406	914,748	913,869	1,225,768	12,358,709			
5	Preservation of ADIT Proration	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6	Renewable Energy Certificate Sales																	
8	Net Revenue Requirement	1,246,831	925,893	930,154	1,247,048	927,832	928,898	1,248,684	924,443	924,541	12,357,406	914,748	913,869	1,225,768	12,358,709			
10	Billed (forecast kWh x adj factor)	621,952	975,232	1,143,752	1,211,680	1,242,465	1,226,391	980,902	1,074,812	1,160,318	11,725,971	1,158,281	1,084,588	975,232	12,855,605			
12	ND ECR Balance Transfer- Dec 2019 only																	
14	Monthly Revenue Difference	627,803	(42,417)	(206,946)	40,702	(309,040)	(293,868)	269,536	(146,898)	(233,242)		(242,484)	(171,214)	248,950				
15	Cummulative Difference	1,086,923	1,044,505	837,559	878,261	569,220	275,352	544,888	397,990	164,748		(77,736)	(248,951)	(0)				
16	Carrying Cost Adj. for rate calculation	-	-	-	-	-	-	-	-	-	14,828	-	-	(2,924)	(2,924)			
17	Adjusted Cumulative Difference	1,089,846	1,047,429	840,483	881,184	572,144	278,276	547,812	400,914	167,671		(74,812)	(246,027)	(0)				
18	Carrying Charge Calculation	6,922	6,652	5,334	5,593	3,625	1,754	3,470	2,535	1,049	40,746	(495)	(1,585)	(0)	34,852			
20	Cumulative Carrying Charge	567,450	574,101	579,435	585,028	588,653	590,407	593,877	596,411	597,460		596,965	595,380	595,380				
21	Carrying Cost	7.84%	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%	7.64%		7.64%	7.64%	7.64%				
22	Monthly Rate	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%	0.63683%		0.63683%	0.63683%	0.63683%				
23	Life-to-Date Revenue Requirement	1,093,844	1,051,157	842,893	883,854	572,845	277,106	548,358	400,524	165,797		(78,231)	(250,536)	(0)				
24	Forecasted Revenue	8,749,533	7,867,347	9,226,816	9,774,805	10,023,154	9,893,479	7,913,081	8,670,667	9,360,462	110,859,586	9,344,025	8,749,533	7,867,347	107,440,249			

Approved by ND PSC on [DATE] in Case No. PU-22-429	
Rate Calculation - Effective May 2023	April 2023 - March 2024
Revenue Requirements	12,358,709
Less Projected April Revenue at prior rate	(621,952)
Carrying Charge	34,852
True-up	462,044
Total Revenue Requirements	12,233,653
Projected Revenue May 2023-March 2024	98,690,716
Average Rate	12.396%