

SOUTH DAKOTA
OTTER TAIL POWER COMPANY
DECEMBER 2024 EAR CALCULATION - CURRENT
FOR BILLING TO BE EFFECTIVE DECEMBER 1, 2024

EFFECTIVE 12/01/2024

Line No.		(A) 2024	(B) 2024	(C) 2024	(D) Total	(E)
	<u>ENERGY COSTS</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>This Period</u>	
1	Purchased Power	\$ 267,436	\$ 527,514	\$ 780,490	\$ 1,575,439	
2	Wind Curtailment	\$ (18,206)	\$ 11,240	\$ 69,779	\$ 62,813	
3	Steam Plant Generation	\$ 3,910,963	\$ 2,766,672	\$ 2,673,804	\$ 9,351,439	
4	Other Plant Generation	\$ 1,018,016	\$ 266,488	\$ 884,955	\$ 2,169,459	
5	Hydro Plant Generation	\$ -	\$ -	\$ -	\$ -	
6	Steam Plant Reagents	\$ 319,689	\$ 167,058	\$ 186,213	\$ 672,960	
7	Hoot Lake Solar Adjustment	\$ 293,532	\$ 281,308	\$ 210,549	\$ 785,390	
8	Emission Allowance Purchase	\$ -	\$ -	\$ -	\$ -	
9	Net Retail MISO Day 2	\$ 3,478,608	\$ 1,359,771	\$ 2,661,771	\$ 7,500,149	
10	MISO ASM	\$ (102,999)	\$ (255,541)	\$ (29,766)	\$ (388,306)	
11	Less: Intersystem Sales	\$ (532,122)	\$ (425,002)	\$ (222,287)	\$ (1,179,410)	
12	Less: Emission Allowance Sales	\$ -	\$ -	\$ -	\$ -	
13	Less: Renewable Energy Credits	\$ -	\$ -	\$ -	\$ -	
14	NET ENERGY COSTS	\$ 8,634,917	\$ 4,699,509	\$ 7,215,508	\$ 20,549,934	\$ 6,849,978

ASSET BASED MARGINS

15	Asset Based Margin (Docket EL10-011)	\$ (317,361)	\$ (203,080)	\$ (123,961)	\$ (644,403)	\$ (214,801)
16	Prior (Over) Under Recovery				\$	(472,603)
17	Adjusted Net Energy Costs (lines 14 + 15 + 16)				\$	6,162,574

ASSOCIATED ENERGY -- kWh

18	Net Generation - Steam	143,928,951	91,318,460	65,105,023	300,352,434
19	Other Plant IC Generation	44,257,567	9,184,071	30,098,839	83,540,477
20	Hydro Plant Generation	657,467	603,737	141,434	1,402,638
21	Wind Generation	78,152,531	85,618,479	88,262,787	252,033,797
22	Solar Generation	8,084,028	9,125,851	5,904,779	23,114,658
23	Purchased Power	11,872,257	17,608,032	25,181,979	54,662,267
24	Wind Curtailment	(464,197)	286,592	1,757,160	1,579,555
25	Total Energy	286,488,603	213,745,222	216,452,001	716,685,826
26	Less Intersystem Sales	(21,479,710)	(16,097,861)	(9,241,563)	(46,819,134)
27	Net Retail MISO Day 2	177,583,801	197,934,665	256,460,554	631,979,019
28	Net Energy - kWhs	442,592,694	395,582,026	463,670,992	1,301,845,712

29	Energy Adjusted to Retail Sales (Net Energy X (1.00 - .08))				1,197,698,055	399,232,685
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30	System Delivered Cost per kWh					\$0.01544
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31	Service Category	E8760 Alloc. Ratio	Class Energy Adjustment Factor (EAF)
31a	Residential	1.024	\$ 0.01581
31b	Farms	1.017	\$ 0.01570
31c	General Service	1.031	\$ 0.01592
31d	Large General Service	0.981	\$ 0.01515
31e	Irrigation Services	0.912	\$ 0.01408
31f	Outdoor Lighting	0.808	\$ 0.01248
31g	OPA	1.007	\$ 0.01555
31h	Controlled Service Water Heating	1.038	\$ 0.01603
31i	Controlled Service Interruptible	1.013	\$ 0.01564
31j	Controlled Service Deferred	0.946	\$ 0.01461