

Volume 4A – Section 5
2017 Test Year Step Workpapers
Statement P

Otter Tail Power Company
Derivation of Base Cost of Energy (Used for Fuel Cost Adjustment Factor)
2017 Test Year Step

Statement P
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Line No.	(A) Description	(B) Adjusted Energy KWH	(C) Adjustments	(D) Adjusted Energy KWH	(E) Actual Cost Adjusted (1)	(F) Adjustments	(G) Step Cost Adjusted
1	Otter Tail Power Company Generation						
2	Steam Plant Generation	2,399,461,505		2,399,461,505	\$59,229,860		\$59,229,860
3	Hydro Plant Generation	25,128,461		25,128,461	0	\$0	\$0
4	Steam Plant Reagents & Emission Allowance Purchase	-		-	2,152,138		\$2,152,138
5	Wind Generation	509,346,434		509,346,434	0		\$0
6		-		-	0		\$0
7	Other Plant Generation	36,702,828		36,702,828	1,484,623	\$0	\$1,484,623
8		<u>2,970,639,228</u>	-	<u>2,970,639,228</u>	<u>\$62,866,621</u>	<u>\$0</u>	<u>\$62,866,621</u>
9							
10	Purchased Energy (including purchases from MISO)	2,135,655,325	0	2,135,655,325	59,277,175	(\$14,246,855)	45,030,320
11							
12	Total Energy and Cost	<u>5,106,294,553</u>	-	<u>5,106,294,553</u>	<u>\$122,143,797</u>	<u>(\$14,246,855)</u>	<u>\$107,896,942</u>
13							
14	Less Intersystem Sales	<u>(199,838,135)</u>		<u>(199,838,135)</u>	<u>(\$4,092,173)</u>	<u>\$0</u>	<u>(\$4,092,173)</u>
15							
16	Net Energy and Costs	4,906,456,418	0	4,906,456,418	\$118,051,624	(\$14,246,855)	\$103,804,769
17							
18							
19	Energy Reduced for 8% Average System Loss on Retail Sales	4,513,939,905		4,513,939,905			
20							
21	Base Rate for Fuel Adjustment Clause - Actual	<u>\$0.026153</u>					<u>\$0.022996</u>
22	(Actual is line 8, Column (E)/line 9, Column (B))				Base Rate for Fuel Adjustment Clause - F Adjusted (Adjusted is line 8, Column (D)/line 9, Column (G))		

(1) OTP Initial Filing Volume 1, Section 3, Statement P