

April 2, 2019

Patricia Van Gerpen Executive Director South Dakota Public Utilities Commission Capitol Building, 1st floor 500 East Capitol Avenue Pierre, SD 57501

RE: Application of Otter Tail Power Company for Authority to Increase Rates for Electric Service in South Dakota Docket No. EL18-021 Direct Testimony of Stuart Tommerdahl -- Revised Schedule 2

Dear Ms. Van Gerpen:

During the evidentiary hearing in the above-entitled matter on March 26, 2019 Otter Tail Power Company stated that it would make a post hearing filing revising Schedule 2 to Stuart D. Tommerdahl's pre-filed Direct Testimony. Please find enclosed for filing Mr. Tommerdahl's revised Schedule 2.

Please contact me at (218) 739-8956, or <u>cstephenson@otpco.com</u> should you have any questions with respect to this filing.

Regards,

/s/ CARY STEPHENSON Cary Stephenson Associate General Counsel

kaw By electronic filing c: Service List



Case No. EL-18-021 Exhibit___(SDT-1) Schedule 2 - REVISED Page 1 of 2

Otter Tail Power Company Estimated Project Savings Impacts on Revenue Requirements (Customer Savings) and Earnings (Reduced Shareholder Return) of the

		(A)	(B)	(C)	(D)	(E)	ne Air Quality Contro (F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)
						~ /					Customer Impact		SI	nareholder Impa	ct	
									OTP SD Total							
									Annual Avoided							
									Return Revenue	OTP SD			OTP SD			
									Requirement	Total Annual			Available for	OTP SD		
									(Column F x 9.42%	Avoided Revenue			Return (Column	30 Years	OTP SD NPV	
							OTP SD Rate	OTP SD Total	Rate Base Revenue	Requirements	OTP SD	OTP SD NPV	F x 5.47%	Avoided	Avoided	
		Original cost	Final Cost	Project Savings	OTP Total share	OTP SD share		Annual Avoided		(Column G +	Avoided Revenue		Equity Return	Available for	Available for	
ine No.	Yr	Total Project	Total Project	(1)	@ 53.9%	%	(30 Year Life)	Depreciation	Factor) (4)	Column H)	Requirement	Requirement (5)	Factor) (6)	Return	Return (4)	Notes
1	2015	\$491,000,000	\$365,513,806	\$125,486,194	\$67,637,059	9.341629%	\$6,318,403	\$210,613	\$595,194	\$805,807	requirement	requirement (5)	\$345,568	rtotum	retuin (1)	110105
2	2015	\$491,000,000	\$505,515,600	\$125,400,174	\$07,057,057	2.54102270	\$6,107,790	\$210,613	\$575,354	\$785,967			\$334,049			
3	2017 Tes	st Vear					\$5,897,176	\$210,613	\$555,514	\$766,127			\$322,530			Test Year
4	2018						\$5,686,563	\$210,613	\$535,674	\$746,288			\$311,012			rest rear
5	2019						\$5,475,949	\$210,613	\$515,834	\$726,448			\$299,493			
6	2019						\$5,265,336	\$210,613	\$495,995	\$706,608			\$287,974			
7	2021						\$5,054,723	\$210,613	\$476,155	\$686,768			\$276,455			
8	2022						\$4,844,109	\$210,613	\$456,315	\$666,929			\$264,936			
9	2022						\$4,633,496	\$210,613	\$436,475	\$647,089			\$253,417			
10	2024						\$4,422,882	\$210,613	\$416,636	\$627,249	\$7,165,280	\$4,900,260	\$241,898	\$2,937,331	\$2,023,050	Initial 10 Year
11	2025						\$4,212,269	\$210,613	\$396,796	\$607,409	\$7,100,200	\$1,500,200	\$230,379	\$2,901,001	\$2,020,000	Interna To Tea
12	2026						\$4,001,655	\$210,613	\$376,956	\$587,569			\$218,860			
13	2027						\$3,791,042	\$210,613	\$357,116	\$567,730			\$207,341			
14	2028						\$3,580,428	\$210,613	\$337,276	\$547,890			\$195,822			
15	2029						\$3,369,815	\$210,613	\$317,437	\$528,050			\$184,303			
16	2030						\$3,159,202	\$210,613	\$297,597	\$508,210			\$172,784			
17	2031						\$2,948,588	\$210,613	\$277,757	\$488,370			\$161,265			
18	2032						\$2,737,975	\$210,613	\$257,917	\$468,531			\$149,746			
19	2033						\$2,527,361	\$210,613	\$238,077	\$448,691			\$138,227			
20	2034						\$2,316,748	\$210,613	\$218,238	\$428,851			\$126,708			
21	2035						\$2,106,134	\$210,613	\$198,398	\$409,011			\$115,189			
22	2036						\$1,895,521	\$210,613	\$178,558	\$389,172			\$103,671			
23	2037						\$1,684,908	\$210,613	\$158,718	\$369,332			\$92,152			
24	2038						\$1,474,294	\$210,613	\$138,879	\$349,492			\$80,633			
25	2039						\$1,263,681	\$210,613	\$119,039	\$329,652			\$69,114			
26	2040						\$1,053,067	\$210,613	\$99,199	\$309,812			\$57,595			
27	2041						\$842,454	\$210,613	\$79,359	\$289,973			\$46,076			
28	2042						\$631,840	\$210,613	\$59,519	\$270,133			\$34,557			
29	2043						\$421,227	\$210,613	\$39,680	\$250,293			\$23,038			
30	2044						\$210,613	\$210,613	\$19,840	\$230,453			\$11,519			
31	Total							\$6,318,403	\$9,225,501		\$15,543,904	\$7,041,187	-	\$5,356,309	\$2,706,167	Life of Projec
32																· · · · ·
33		Steam production	n plant jurisdica	tional allocato	Base / Peak %											
34		E1	9.364273%	(2)	81.510000%	(3)										
35		D1	9.241806%	(2)	18.490000%	(3)										
36	:	SD Jurisdictional	Share %		9.341629%											
37	-															
38	((1) Phinney Direct	Table 1, Page 10)												
39	((2) JCOSS Page 1	5-1													
40	((3) Workpaper C-	l (Base/Peak Spli	t)												
41	((4) Rate Base Rev	enue Requiremen	t Factor		9.42%	Pg 2 of 2									
42		(5) Net Present Va	lue (NPV) comp	uted using ROR D	iscount Rate	7.96%	Pg 2 of 2									
74	,															

STATE OF MINNESOTA

COUNTY OF OTTER TAIL

AFFIDAVIT OF SERVICE

RE: Direct Testimony of Stuart Tommerdahl – Revised Schedule 2 - Docket No. EL18-021

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Kim Ward, being first duly sworn, deposes and says that on the 2nd day of April, 2019, she served the attached filing in the above-referenced matter:

- X by emailing to all persons at the email address provided and indicated on the attached Service List
- ____ by personal service
- ____ by facsimile transmission followed by first class mail
- ____ by express mail
- ____ by delivery service
- X E-filing

Kim W

Subscribed and sworn to before me this 2nd day of April, 2019.

(NOTARIAL SEAL)



Chelsey Norbery, Notary Public

SERVICE LIST

RE: Notice of Intent to Implement Interim Rates - Docket No. EL18-021

Ms. Patricia Van Gerpen Executive Director South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 patty.vangerpen@state.sd.us (605) 773-3201 - voice

Ms. Kristen Edwards Staff Attorney South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 <u>Kristen.edwards@state.sd.us</u> (605) 773-3201 - voice

Ms. Brittany Mehlhaff Staff Analyst South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 <u>brittany.mehlhaff@state.sd.us</u> (605) 773-3201 - voice

Mr. Patrick Steffensen Staff Analyst South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 <u>patrick.steffensen@state.sd.us</u> (605) 773-3201 - voice

Mr. Eric Paulson Staff Analyst South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 <u>eric.paulson@state.sd.us</u> (605) 773-3201- voice

Ms. Lorena Reichert Staff Analyst South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 SERVICE LIST Docket No. EL18-021

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Mr. Joseph Rezac Staff Analyst South Dakota Public Utilities Commission 500 E. Capitol Ave. Pierre, SD 57501 joseph.rezac@state.sd.us (605) 773-3201 - voice

Mr. Bruce G. Gerhardson Vice President, Regulatory Affairs Otter Tail Power Company 215 South Cascade Street Fergus Falls, MN 56537 <u>bgerhardson@otpco.com</u> (218) 739-8475 - voice

Mr. Matthew J. Olsen Manager, Regulatory Proceedings & Compliance Otter Tail Power Company 215 South Cascade Street Fergus Falls, MN 56537 <u>molsen@otpco.com</u> (218) 739-8657 - voice

Mr. Cary Stephenson Associate General Counsel Otter Tail Power Company 215 South Cascade St. PO Box 496 Fergus Falls, MN 56538-0496 <u>CStephenson@otpco.com</u> (218) 739-8956 - voice

Mr. Stuart Tommerdahl Manager, Regulatory Administration Otter Tail Power Company 215 South Cascade St. PO Box 496 Fergus Falls, MN 56538-0496 <u>stommerdahl@otpco.com</u> (218) 739-8279 – voice SERVICE LIST Docket No. EL18-021

Ms. Jessica Fyhrie Supervisor, Regulatory Proceedings Otter Tail Power Company 215 South Cascade St. PO Box 496 Fergus Falls, MN 56538-0496 jfyhrie@otpco.com (218) 739-8395 - voice

Ms. Kim Ward Regulatory Filing Coordinator Otter Tail Power Company 215 South Cascade St. PO Box 496 Fergus Falls, MN 56538-0496 <u>kaward@otpco.com</u> (218) 739-8268 - voice

Mr. James E. Moore - Representing: Valley Queen Cheese Factory, Inc. Attorney Woods, Fuller, Shultz and Smith P.C. PO Box 5027 300 South Phillips Avenue, Suite 300 Sioux Falls, SD 57117-5027 (605) 336-3890 - voice (605) 339-3357 - fax James.Moore@woodsfuller.com

Mr. Justin G. Smith - Representing: Valley Queen Cheese Factory, Inc. Attorney PO Box 5027 300 South Phillips Avenue, Suite 300 Sioux Falls, SD 57117-5027 (605) 336-3890 - voice (605) 339-3357 - fax Justin.Smith@woodsfuller.com