

**REDACTED**

Rocky Mountain Power

Exhibit RMP\_\_\_(RTL-1R)

Docket No. 20000-519-EA-17

Witness: Rick T. Link

BEFORE THE WYOMING PUBLIC SERVICE  
COMMISSION

ROCKY MOUNTAIN POWER

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**REDACTED**

Exhibit Accompanying Rebuttal Testimony of Rick T. Link

Wind-Facility Data

November 2017

Exhibit RMP\_(RTL-1R)  
 CONFIDENTIAL

**Existing Wind Prior to Repowering**

	LGIA Limited		Energy (MWh)	Capacity Factor	Repower Capital Investment (\$m)	Date PTC Ends	End-of-Life Date	Repower Date
	Capacity (MW)	Capacity (MW)						
Glenrock 1	99.0	99.0	303,723	35.0%	n/a	12/30/2018	12/31/2038	n/a
Glenrock 3	39.0	39.0	113,438	33.2%	n/a	1/16/2019	12/31/2038	n/a
Seven Mile Hill 1	99.0	99.0	339,195	39.1%	n/a	12/30/2018	12/31/2038	n/a
Seven Mile Hill 2	19.5	19.5	71,224	41.7%	n/a	12/30/2018	12/31/2038	n/a
High Plains	99.0	99.0	306,145	35.3%	n/a	9/12/2019	12/31/2038	n/a
McFadden Ridge	28.5	28.5	93,101	37.3%	n/a	9/28/2019	12/31/2038	n/a
Dunlap Ranch	111.0	111.0	389,045	40.0%	n/a	9/30/2020	10/1/2040	n/a
Rolling Hills	99.0	99.0	271,635	31.3%	n/a	1/16/2019	12/31/2038	n/a
Leaning Juniper	100.5	100.5	233,592	26.5%	n/a	9/13/2016	9/14/2036	n/a
Marengo 1	140.4	140.4	360,279	29.3%	n/a	8/2/2017	8/1/2037	n/a
Marengo 2	70.2	70.2	166,742	27.1%	n/a	6/25/2018	6/1/2038	n/a
Goodnoe Hills	94.0	94.0	220,898	26.8%	n/a	5/31/2018	12/31/2038	n/a
<b>Total</b>	<b>999.1</b>	<b>999.1</b>	<b>2,869,016</b>	<b>32.8%</b>				

**Repowered Wind**

	LGIA Limited LGIA Limited		Energy (MWh)	Capacity Factor	Repower Capital Investment (\$m)	Date PTC Ends	End-of-Life Date	Repower Date
	Capacity (MW)	Capacity (MW)						
Glenrock 1	107.8	99.0	367,560	42.4%		9/30/2029	10/1/2049	10/1/2019
Glenrock 3	42.2	39.0	134,332	39.3%		9/30/2029	10/1/2049	10/1/2019
Seven Mile Hill 1	108.6	99.0	413,496	47.7%		6/30/2029	7/1/2049	7/1/2019
Seven Mile Hill 2	21.4	19.5	86,826	50.8%		6/30/2029	7/1/2049	7/1/2019
High Plains	108.6	99.0	375,709	43.3%		10/31/2029	11/1/2049	11/1/2019
McFadden Ridge	31.3	28.5	114,486	45.9%		10/31/2029	11/1/2049	11/1/2019
Dunlap Ranch	121.7	111.0	473,533	48.7%		11/30/2030	12/1/2020	12/1/2020
Rolling Hills	106.8	99.0	316,417	36.5%		9/30/2029	10/1/2049	10/1/2019
Leaning Juniper	120.6	100.5	303,761	34.5%		9/30/2029	10/1/2049	10/1/2019
Marengo 1	156.0	140.4	484,612	39.4%		10/31/2029	11/1/2049	11/1/2019
Marengo 2	78.0	70.2	228,704	37.2%		10/31/2029	11/1/2049	11/1/2019
Goodnoe Hills	103.4	94.0	283,696	34.5%		9/30/2029	10/1/2049	10/1/2019
<b>Total</b>	<b>1,106.2</b>	<b>999.1</b>	<b>3,583,132</b>	<b>37.0%</b>	<b>\$1,083</b>			

**Run-Rate Capital**

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
All Repowered Projects	(\$9.8)	(\$14.7)	(\$19.6)	(\$20.5)	(\$19.8)	(\$18.0)	(\$17.9)	(\$15.2)	(\$13.2)	(\$11.4)	(\$9.6)	(\$9.9)
All Repowered Projects	(\$8.7)	(\$4.4)	(\$2.3)	(\$1.8)	(\$1.8)	(\$1.8)	(\$1.9)	(\$1.0)	\$1.0	\$9.2	\$16.5	\$17.0
All Repowered Projects	\$18.6	\$19.0	\$19.4	\$19.9	\$20.3	\$20.8	\$21.3	\$21.8	\$12.5	\$1.4	\$28.1	\$29.5

**Run-Rate Operations and Maintenance Expense**

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
All Repowered Projects	\$0.0	\$0.0	\$3.9	\$12.1	\$12.8	\$9.6	\$9.5	\$9.3	\$9.2	\$9.1	\$8.9	\$8.8
All Repowered Projects	\$5.9	\$2.2	\$1.1	\$1.1	\$1.2	\$1.2	\$1.2	\$2.0	\$5.5	\$13.7	\$28.1	\$29.5
All Repowered Projects	\$32.5	\$33.0	\$33.8	\$34.6	\$35.4	\$36.2	\$37.0	\$37.9	\$29.9	\$2.6	\$28.1	\$29.5