

REDACTED

Rocky Mountain Power

Exhibit RMP___(RTL-1)

Docket No. 20000-___-EA-17

Witness: Rick T. Link

BEFORE THE WYOMING PUBLIC SERVICE
COMMISSION

ROCKY MOUNTAIN POWER

REDACTED

Exhibit Accompanying Direct Testimony of Rick T. Link

Wind Facility Data

June 2017

CONFIDENTIAL

Wind - Facility Data

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	12/31/2018	12/31/2038	n/a
Glenrock 3	39.0	39.0	113,438	33.2%	n/a	12/31/2018	12/31/2038	n/a
Seven Mile Hill 1	99.0	99.0	339,195	39.1%	n/a	12/31/2018	12/31/2038	n/a
Seven Mile Hill 2	19.5	19.5	71,224	41.7%	n/a	12/31/2018	12/31/2038	n/a
High Plains	99.0	99.0	306,145	35.3%	n/a	9/30/2019	12/31/2038	n/a
McFadden Ridge	28.5	28.5	93,101	37.3%	n/a	9/30/2019	12/31/2038	n/a
Dunlap Ranch	111.0	111.0	389,045	40.0%	n/a	10/1/2020	10/1/2040	n/a
Rolling Hills	99.0	99.0	271,635	31.3%	n/a	12/31/2018	12/31/2038	n/a
Leaning Juniper	100.5	100.5	233,592	26.5%	n/a	9/14/2016	9/14/2036	n/a
Marengo 1	140.4	140.4	360,279	29.3%	n/a	8/1/2017	8/1/2037	n/a
Marengo 2	70.2	70.2	166,742	27.1%	n/a	6/1/2018	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
Total	999.1	999.1	2,869,016	32.8%				

Repowered Wind

	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	340,930	39.3%		9/30/2029	10/1/2049	10/1/2019
Glenrock 3	42.2	39.0	126,291	37.0%		9/30/2029	10/1/2049	10/1/2019
Seven Mile Hill 1	108.6	99.0	389,364	44.9%		6/30/2029	7/1/2049	7/1/2019
Seven Mile Hill 2	21.4	19.5	81,576	47.8%		6/30/2029	7/1/2049	7/1/2019
High Plains	108.6	99.0	353,449	40.8%		10/31/2029	11/1/2049	11/1/2019
McFadden Ridge	31.3	28.5	107,670	43.1%		10/31/2029	11/1/2049	11/1/2019
Dunlap Ranch	121.7	111.0	438,289	45.1%		11/30/2030	12/1/2050	12/1/2020
Rolling Hills	106.8	99.0	300,755	34.7%		9/30/2029	10/1/2049	10/1/2019
Leaning Juniper	120.6	100.5	307,906	35.0%		9/30/2029	10/1/2049	10/1/2019
Marengo 1	156.0	140.4	485,842	39.5%		10/31/2029	11/1/2049	11/1/2019
Marengo 2	78.0	70.2	224,456	36.5%		10/31/2029	11/1/2049	11/1/2019
Goodnoe Hills	94.0	94.0	263,089	31.9%		9/30/2029	10/1/2049	10/1/2019
Total	1,096.8	999.1	3,419,617	35.6%				

Increase/(Decrease) in Run-Rate Operating Costs Due to Repowering (\$m)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
All Repowered Projects	(\$9.8)	(\$14.7)	(\$18.6)	(\$19.0)	(\$18.4)	(\$15.5)	(\$14.3)	(\$10.3)	(\$7.5)	(\$5.0)	(\$3.6)	(\$3.7)
All Repowered Projects	(\$2.2)	(\$2.9)	(\$2.3)	(\$1.8)	(\$1.8)	(\$1.8)	(\$1.9)	(\$1.0)	\$1.1	\$9.1	\$16.1	\$17.0
All Repowered Projects	\$18.8	\$19.2	\$19.6	\$20.1	\$20.5	\$21.0	\$21.5	\$22.0	\$12.9	\$1.7	\$0.9	\$2.4

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	\$0.6	\$4.4	\$3.9	\$0.8	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$1.0
All Repowered Projects	\$1.0	\$1.0	\$1.0	\$1.0	\$1.1	\$1.1	\$1.1	\$1.9	\$5.4	\$13.5	\$28.0	\$29.4
All Repowered Projects	\$32.2	\$32.9	\$33.7	\$34.4	\$35.2	\$36.0	\$36.9	\$37.7	\$29.8	\$2.6	\$0.9	\$2.6