

Confidential per WAC 480-07-160
Exh. RTL-2C
Docket UE-21____
Witness: Rick T. Link

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PACIFICORP dba
PACIFIC POWER & LIGHT COMPANY

Respondent.

Docket UE-21____

PACIFICORP

REDACTED EXHIBIT OF RICK T. LINK

Cost-and-Performance Assumptions for Wind Facilities

July 2021

REDACTED

Existing Wind Prior to Repowering

	Capacity (MW)	LGIA Limited Capacity (MW)	Energy (MWh)	Capacity Factor	Repower Investment (\$m)	Date PTC Ends	End-of-Life Date	Repower Date
Glenrock 1	99.0	99.0	303,723	35.0%	n/a	12/30/18	12/31/38	n/a
Glenrock 3	39.0	39.0	113,438	33.2%	n/a	1/16/19	12/31/38	n/a
Seven Mile Hill 1	99.0	99.0	339,195	39.1%	n/a	12/30/18	12/31/38	n/a
Seven Mile Hill 2	19.5	19.5	71,224	41.7%	n/a	12/30/18	12/31/38	n/a
High Plains	99.0	99.0	306,145	35.3%	n/a	9/12/19	12/31/38	n/a
McFadden Ridge	28.5	28.5	93,101	37.3%	n/a	9/28/19	12/31/38	n/a
Dunlap Ranch	111.0	111.0	389,045	40.0%	n/a	9/30/20	10/1/40	n/a
Rolling Hills	99.0	99.0	271,635	31.3%	n/a	1/16/19	12/31/38	n/a
Leaning Juniper	100.5	100.5	233,592	26.5%	n/a	9/13/16	9/14/36	n/a
Marengo 1	140.4	140.4	360,279	29.3%	n/a	8/2/17	8/1/37	n/a
Marengo 2	70.2	70.2	166,742	27.1%	n/a	6/25/18	6/1/38	n/a
Goodnoe Hills	94.0	94.0	220,898	26.8%	n/a	5/31/18	12/31/38	n/a
Total	999.1	999.1	2,869,016	32.8%				

Repowered Wind

	Capacity (MW)	LGIA Limited Capacity (MW)	Energy (MWh)	Capacity Factor	Repower Investment (\$m)	Date PTC Ends	End-of-Life Date	Repower Date
Glenrock 1	112.0	99.0	369,723	42.6%		9/30/29	10/1/49	10/1/19
Glenrock 3	44.3	39.0	136,864	40.1%		9/30/29	10/1/49	10/1/19
Seven Mile Hill 1	110.9	99.0	417,258	48.1%		6/30/29	7/1/49	7/1/19
Seven Mile Hill 2	22.8	19.5	87,480	51.2%		6/30/29	7/1/49	7/1/19
High Plains	115.5	99.0	382,400	44.1%		10/31/29	11/1/49	11/1/19
McFadden Ridge	33.3	28.5	116,644	46.7%		10/31/29	11/1/49	11/1/19
Dunlap Ranch	129.5	111.0	476,749	49.0%		11/30/30	12/1/50	12/1/20
Rolling Hills	107.5	99.0	319,022	36.8%		9/30/29	10/1/49	10/1/19
Leaning Juniper	110.6	100.5	296,590	33.7%		9/30/29	10/1/49	10/1/19
Marengo 1	156.0	156.0	488,207	34.0%		10/31/29	11/1/49	11/1/19
Marengo 2	78.0	78.0	232,424	34.0%		10/31/29	11/1/49	11/1/19
Goodnoe Hills	103.4	94.0	283,696	34.5%		9/30/29	10/1/49	10/1/19
Total	1,123.6	1,022.5	3,607,057	40.3%	\$1,101			

*Marengo 1 and 2 include increased interconnection capability based on the completion of recent transmission studies.

Run-Rate Capital

	2017 (\$9.8)	2018 (\$14.7)	2019 (\$19.6)	2020 (\$20.5)	2021 (\$19.8)	2022 (\$18.0)	2023 (\$17.9)	2024 (\$15.2)	2025 (\$13.2)	2026 (\$11.4)	2027 (\$9.6)	2028 (\$9.9)
All Repowered Projects												
All Repowered Projects	2029 (\$8.7)	2030 (\$4.4)	2031 (\$2.3)	2032 (\$1.8)	2033 (\$1.8)	2034 (\$1.8)	2035 (\$1.9)	2036 (\$1.0)	2037 \$1.0	2038 \$9.2	2039 \$16.5	2040 \$17.0
All Repowered Projects	2041 \$18.6	2042 \$19.0	2043 \$19.4	2044 \$19.9	2045 \$20.3	2046 \$20.8	2047 \$21.3	2048 \$21.8	2049 \$12.5	2050 \$1.4		

Run-Rate Operations and Maintenance Expense

	2017 \$0.0	2018 \$0.0	2019 \$3.9	2020 \$12.1	2021 \$12.8	2022 \$9.6	2023 \$9.5	2024 \$9.4	2025 \$9.2	2026 \$9.1	2027 \$9.0	2028 \$8.8
All Repowered Projects												
All Repowered Projects	2029 \$5.9	2030 \$2.2	2031 \$1.2	2032 \$1.2	2033 \$1.2	2034 \$1.2	2035 \$1.3	2036 \$2.1	2037 \$5.5	2038 \$13.7	2039 \$28.2	2040 \$29.5
All Repowered Projects	2041 \$32.3	2042 \$33.1	2043 \$33.8	2044 \$34.6	2045 \$35.4	2046 \$36.2	2047 \$37.1	2048 \$37.9	2049 \$29.9	2050 \$2.6		