PACIFIC POWER & LIGHT COMPANY

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WN U-75

First Revision of Sheet No. QF.11 Canceling Original Sheet No. QF.11

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. <u>AVOIDED COST PRICE TABLES:</u> (continued) **TABLE A. CONTRACT PRICES – STANDARD QUALIFYING FACILITIES***

		I	BASELOAD					WIND		
	1	Combined Er	nergy and Cap	oacity Prices		Co	ombined Ene	rgy and Capa	city Prices (1)
V	W41 Arre	On-Peak	Off-Peak	On-Peak	Off-Peak	W/4.1 A	On-Peak	Off-Peak	On-Peak	Off-Peak
Year	Wtd. Avg.	Winter	Winter	Summer	Summer	Wtd. Avg.	Winter	Winter	Summer	Summer
			(\$/MWh)					(\$/MWh)		
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)
2021	\$44.00	\$46.15	\$31.08	\$76.04	\$51.59	\$33.29	\$41.03	\$25.10	\$54.61	\$33.09
2022	\$43.04	\$45.37	\$29.93	\$73.92	\$51.38	\$32.22	\$40.06	\$23.93	\$52.74	\$32.52
2023	\$43.12	\$45.60	\$30.32	\$74.01	\$50.69	\$32.18	\$40.24	\$24.22	\$52.41	\$31.57
2024	\$45.39	\$47.29	\$31.63	\$79.32	\$54.06	\$34.07	\$41.78	\$25.36	\$56.71	\$34.54
2025	\$47.40	\$48.39	\$32.58	\$84.51	\$57.40	\$35.67	\$42.70	\$26.17	\$60.99	\$37.51
2026	\$49.59	\$50.24	\$33.77	\$90.56	\$59.95	\$37.53	\$44.55	\$27.28	\$66.26	\$39.54
2027	\$53.38	\$52.87	\$35.42	\$103.28	\$64.70	\$40.60	\$46.95	\$28.74	\$76.70	\$43.63
2028 (2)	\$54.76	\$54.36	\$36.77	\$104.55	\$66.25	\$41.74	\$48.35	\$29.85	\$77.65	\$44.67
2029	\$56.76	\$56.39	\$38.13	\$107.97	\$68.64	\$43.36	\$50.35	\$31.09	\$79.38	\$46.62
2030	\$58.09	\$59.19	\$39.87	\$106.59	\$69.04	\$44.48	\$52.81	\$32.51	\$78.44	\$46.43
2031	\$58.99	\$60.18	\$40.66	\$107.53	\$70.04	\$45.17	\$53.76	\$33.14	\$79.06	\$46.97
2032	\$60.05	\$61.55	\$41.56	\$109.13	\$70.99	\$46.08	\$55.14	\$33.99	\$80.02	\$47.50
2033	\$61.33	\$62.48	\$42.31	\$111.67	\$72.90	\$46.87	\$55.70	\$34.44	\$81.76	\$48.87
2034	\$62.35	\$63.10	\$42.86	\$114.54	\$74.30	\$47.56	\$56.28	\$34.84	\$83.76	\$49.72
2035	\$66.05	\$65.10	\$44.10	\$128.29	\$79.59	\$50.51	\$58.22	\$35.99	\$94.14	\$54.55
2036	\$67.61	\$67.12	\$45.37	\$129.86	\$81.44	\$51.76	\$59.90	\$36.95	\$96.06	\$55.76
2037	\$68.47	\$67.53	\$45.78	\$131.72	\$82.99	\$52.36	\$60.38	\$37.24	\$97.63	\$56.71
2038	\$71.57	\$71.14	\$48.35	\$136.74	\$85.67	\$55.16	\$63.88	\$39.67	\$101.57	\$58.92
2039	\$74.30	\$74.65	\$50.64	\$139.35	\$88.56	\$57.41	\$66.95	\$41.57	\$103.54	\$61.23
2040	\$77.37	\$78.09	\$52.94	\$144.61	\$91.87	\$60.15	\$70.40	\$43.68	\$108.16	\$63.76

(1) Avoided cost prices have been reduced by wind and solar integration charges.

If the QF resource is not in PacifiCorp's BAA, prices will be increased by the applicable integration charges.

(2) Capacity costs are based on a renewable resource starting in 2028.

- (a) Illustrative price for all hours
- (b) On-peak Winter hours: 6:00a 8:00a and 5:00p 11:00p Pacific Prevailing Time (PPT), Oct. through May
- (c) Off-peak Winter hours: All other hours, Oct. through May
- (d) On-peak Summer hours: 2:00p 10:00p PPT, June through September
- (e) Off-peak Summer hours: All other hours, June through September

Issued: December 4, 2020 Advice No. 20-02

By:

(continued)

Effective: December 11, 2020

Issued By Pacific Power & Light Company

_ Etta Lockey

Title: Vice President, Regulation

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^{*} Note – Only Standard QFs are eligible for the pricing provided in this Table. Table includes Combined Avoided Energy and Capacity Costs and applicable to the specific resource type.

PACIFIC POWER & LIGHT COMPANY

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WN U-75

First Revision of Sheet No. QF.12 Canceling Original Sheet No. QF.12

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. <u>AVOIDED COST PRICE TABLES:</u> (continued) **TABLE A (continued). CONTRACT PRICES – STANDARD QUALIFYING FACILITIES***

		FIXI	ED TILT SOI	LAR			TRA	CKING SOL	AR		
		Combined Ene	ergy and Capa	city Prices (1))		Combined End	ergy and Capao	city Prices (1)		
V	XX7.1 A	On-Peak	Off-Peak	On-Peak	Off-Peak	XX74 1 A	On-Peak	Off-Peak	On-Peak	Off-Peak	
Year	Wtd. Avg.	Winter	Winter	Summer	Summer	Wtd. Avg.	Winter	Winter	Summer	Summer	
			(\$/MWh)					(\$/MWh)			
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)	
2021	\$25.04	\$25.97	\$20.93	\$37.15	\$27.74	\$25.18	\$25.62	\$19.15	\$37.91	\$27.49	(C
2021	\$23.04 \$24.32	\$26.62	\$20.74	\$35.24	\$26.42	\$24.48	\$26.24	\$19.15	\$36.06	\$26.19	
2022	\$24.20	\$26.47	\$20.74	\$34.92	\$26.21	\$24.26	\$26.03	\$19.09	\$35.71	\$25.85	
2023	\$25.89	\$28.02	\$21.60	\$38.54	\$28.63	\$26.29	\$27.55	\$19.98	\$39.75	\$28.56	
2025	\$27.40	\$29.25	\$22.20	\$42.03	\$30.98	\$28.14	\$28.83	\$20.66	\$43.57	\$31.13	
2026	\$29.36	\$30.31	\$23.12	\$46.27	\$34.04	\$30.40	\$29.70	\$21.47	\$48.59	\$34.26	
2027	\$33.30	\$32.17	\$24.59	\$55.41	\$40.55	\$34.88	\$31.42	\$22.82	\$58.58	\$40.80	
2028 (2)	\$33.65	\$32.01	\$25.04	\$55.79	\$40.81	\$35.12	\$31.18	\$23.04	\$58.93	\$41.11	
2029	\$34.75	\$32.86	\$25.90	\$57.28	\$42.17	\$35.94	\$32.03	\$23.78	\$59.04	\$42.25	
2030	\$35.17	\$33.69	\$27.49	\$55.91	\$41.17	\$35.98	\$32.39	\$24.87	\$58.24	\$41.33	
2031	\$35.31	\$33.56	\$27.67	\$56.07	\$41.28	\$36.06	\$32.54	\$24.97	\$58.29	\$41.39	
2032	\$35.93	\$34.63	\$28.36	\$56.69	\$41.78	\$36.65	\$33.53	\$25.70	\$58.75	\$41.84	
2033	\$36.72	\$34.66	\$28.95	\$58.05	\$42.73	\$37.35	\$33.07	\$26.00	\$60.14	\$42.90	
2034	\$37.27	\$34.17	\$28.95	\$59.76	\$43.92	\$38.02	\$32.66	\$25.91	\$62.17	\$44.11	
2035	\$41.04	\$35.98	\$29.89	\$68.89	\$50.82	\$42.12	\$34.58	\$26.91	\$70.08	\$50.73	
2036	\$41.96	\$36.72	\$31.07	\$69.81	\$51.40	\$43.00	\$35.10	\$27.76	\$71.91	\$51.40	
2037	\$42.21	\$35.36	\$30.91	\$70.72	\$52.17	\$43.23	\$33.55	\$27.39	\$73.11	\$52.21	
2038	\$44.30	\$38.15	\$32.69	\$73.86	\$54.38	\$45.44	\$36.57	\$29.16	\$76.24	\$54.45	
2039	\$45.92	\$39.77	\$34.81	\$75.13	\$55.27	\$46.72	\$37.51	\$30.76	\$77.35	\$55.50	
2040	\$47.97	\$41.84	\$36.32	\$78.80	\$57.74	\$49.16	\$39.66	\$32.20	\$82.24	\$58.29	

(1) Avoided cost prices have been reduced by wind and solar integration charges.

If the QF resource is not in PacifiCorp's BAA, prices will be increased by the applicable integration charges.

(2) Capacity costs are based on a renewable resource starting in 2028.

- (a) Illustrative price for all hours
- (b) On-peak Winter hours: 6:00a 8:00a and 5:00p 11:00p Pacific Prevailing Time (PPT), Oct. through May
- (c) Off-peak Winter hours: All other hours, Oct. through May
- (d) On-peak Summer hours: 2:00p 10:00p PPT, June through September
- (e) Off-peak Summer hours: All other hours, June through September

* Note – Only Standard QFs are eligible for the pricing provided in this Table. Table includes Combined Avoided Energy and Capacity Costs and applicable to the specific resource type.

Issued: December 4, 2020 Advice No. 20-02

(continued)

Effective: December 11, 2020

Issued By Pacific Power & Light Company

Etta Lockey

Title: Vice President, Regulation

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PACIFIC POWER & LIGHT COMPANY

RECEIVED OCT. 28, 2020 WA. UT. & TRANS. COMM. ORIGINAL

WN U-75

First Revision of Sheet No. QF.13 Canceling Original Sheet No. QF.13

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. AVOIDED COST PRICE TABLES: (continued)

AVOIDED COST PRICE COMPONENT TABLES

TABLE B. AVOIDED COST PRICE TABLE – STANDARD QUALIFYING FACILITIES – ESTIMATED AVOIDED ENERGY COSTS

			Baseload					Wind		
		Avoid	ded Energy Pr	ices			Avoid	ed Energy Pric	es (1)	
V	XX7/ 1 A	On-Peak	Off-Peak	On-Peak	Off-Peak	XX7/ 1 A	On-Peak	Off-Peak	On-Peak	Off-Peak
Year	Wtd. Avg.	Winter	Winter	Summer	Summer	Wtd. Avg.	Winter	Winter	Summer	Summer
			(\$/MWh)					(\$/MWh)		
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)
2021	\$30.31	\$39.24	\$24.16	\$48.86	\$24.41	\$29.05	\$39.02	\$23.09	\$44.88	\$23.36
2022	\$29.07	\$38.32	\$22.87	\$46.20	\$23.66	\$27.89	\$38.01	\$21.88	\$42.82	\$22.60
2023	\$28.89	\$38.42	\$23.14	\$45.76	\$22.44	\$27.77	\$38.15	\$22.13	\$42.31	\$21.46
2024	\$30.90	\$39.96	\$24.30	\$50.51	\$25.24	\$29.58	\$39.65	\$23.23	\$46.40	\$24.23
2025	\$32.59	\$40.91	\$25.09	\$55.09	\$27.98	\$31.07	\$40.53	\$23.99	\$50.47	\$26.98
2026	\$34.43	\$42.58	\$26.12	\$60.47	\$29.86	\$32.83	\$42.33	\$25.05	\$55.49	\$28.77
2027	\$37.86	\$45.03	\$27.58	\$72.46	\$33.88	\$35.79	\$44.67	\$26.47	\$65.67	\$32.60
2028	\$38.87	\$46.32	\$28.73	\$72.96	\$34.66	\$36.81	\$46.01	\$27.52	\$66.34	\$33.36
2029	\$40.47	\$48.16	\$29.90	\$75.63	\$36.29	\$38.31	\$47.96	\$28.70	\$67.80	\$35.05
2030	\$41.41	\$50.76	\$31.44	\$73.47	\$35.92	\$39.31	\$50.36	\$30.06	\$66.58	\$34.57
2031	\$41.94	\$51.57	\$32.04	\$73.68	\$36.18	\$39.88	\$51.26	\$30.63	\$66.95	\$34.86
2032	\$42.65	\$52.75	\$32.75	\$74.53	\$36.39	\$40.69	\$52.58	\$31.43	\$67.64	\$35.12
2033	\$43.54	\$53.50	\$33.33	\$76.34	\$37.57	\$41.36	\$53.09	\$31.83	\$69.12	\$36.23
2034	\$44.18	\$53.93	\$33.69	\$78.47	\$38.23	\$41.92	\$53.61	\$32.17	\$70.85	\$36.81
2035	\$47.51	\$55.74	\$34.73	\$91.46	\$42.76	\$44.76	\$55.50	\$33.27	\$80.96	\$41.37
2036	\$48.70	\$57.56	\$35.81	\$92.26	\$43.84	\$45.90	\$57.12	\$34.17	\$82.61	\$42.30
2037	\$49.14	\$57.77	\$36.02	\$93.34	\$44.60	\$46.37	\$57.54	\$34.40	\$83.90	\$42.97
2038	\$51.83	\$61.17	\$38.38	\$97.55	\$46.48	\$49.04	\$60.99	\$36.77	\$87.54	\$44.90
2039	\$54.15	\$64.47	\$40.46	\$99.33	\$48.55	\$51.16	\$63.99	\$38.61	\$89.22	\$46.92
2040	\$56.82	\$67.70	\$42.54	\$103.75	\$51.02	\$53.78	\$67.38	\$40.66	\$93.54	\$49.14

(1) Avoided cost prices have been reduced by wind and solar integration charges.

If the QF resource is not in PacifiCorp's BAA, prices will be increased by the applicable integration charges.

- (a) Illustrative price for all hours
- (b) On-peak Winter hours: 6:00a 8:00a and 5:00p 11:00p Pacific Prevailing Time (PPT), Oct. through May
- (c) Off-peak Winter hours: All other hours, Oct. through May
- (d) On-peak Summer hours: 2:00p 10:00p PPT, June through September
- (e) Off-peak Summer hours: All other hours, June through September

(continued)

Issued: December 4, 2020 Advice No. 20-02

Effective: December 11, 2020

Issued By Pacific Power & Light Company

Ву:

_ Etta Lockey

PACIFIC POWER & LIGHT COMPANY

RECEIVED OCT. 28, 2020 WA. UT. & TRANS. COMM. ORIGINAL

First Revision of Sheet No. QF.14 Canceling Original Sheet No. QF.14

WN U-75

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. AVOIDED COST PRICE TABLES: (continued)

AVOIDED COST PRICE COMPONENT TABLES (continued) TABLE B (continued). AVOIDED COST PRICE TABLE – STANDARD QUALIFYING FACILITIES – ESTIMATED AVOIDED ENERGY COSTS

		F	ixed Tilt Sola	r			Т	racking Sola	r		
		Avoide	ed Energy Pric	es (1)			Avoid	ed Energy Pric	es (1)		
	XX7.1 A	On-Peak	Off-Peak	On-Peak	Off-Peak	XX 7 1 A	On-Peak	Off-Peak	On-Peak	Off-Peak	
	Wtd. Avg.	Winter	Winter	Summer	Summer	Wtd. Avg.	Winter	Winter	Summer	Summer	
			(\$/MWh)					(\$/MWh)			
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)	
2021	\$23.94	\$25.32	\$20.28	\$35.45	\$26.04	\$24.07	\$24.86	\$18.39	\$36.48	\$26.05	(Ç
2022	\$23.20	\$25.95	\$20.08	\$33.51	\$24.69	\$23.35	\$25.47	\$18.38	\$34.60	\$24.72	Ì
2023	\$23.06	\$25.80	\$20.03	\$33.16	\$24.44	\$23.11	\$25.24	\$18.30	\$34.21	\$24.36	
2024	\$24.73	\$27.33	\$20.91	\$36.74	\$26.83	\$25.12	\$26.74	\$19.17	\$38.23	\$27.04	
2025	\$26.21	\$28.55	\$21.50	\$40.19	\$29.14	\$26.94	\$28.00	\$19.83	\$42.01	\$29.58	
2026	\$28.15	\$29.59	\$22.40	\$44.38	\$32.16	\$29.17	\$28.86	\$20.63	\$47.00	\$32.67	
2027	\$32.05	\$31.44	\$23.85	\$53.48	\$38.62	\$33.63	\$30.56	\$21.96	\$56.96	\$39.17	
2028	\$32.37	\$31.25	\$24.29	\$53.81	\$38.83	\$33.83	\$30.30	\$22.16	\$57.26	\$39.44	
2029	\$33.44	\$32.09	\$25.13	\$55.26	\$40.14	\$34.62	\$31.13	\$22.87	\$57.33	\$40.54	
2030	\$33.83	\$32.90	\$26.70	\$53.84	\$39.10	\$34.63	\$31.46	\$23.94	\$56.49	\$39.57	
2031	\$33.94	\$32.75	\$26.86	\$53.95	\$39.17	\$34.69	\$31.59	\$24.03	\$56.50	\$39.60	
2032	\$34.53	\$33.81	\$27.53	\$54.53	\$39.61	\$35.25	\$32.56	\$24.73	\$56.92	\$40.01	
2033	\$35.29	\$33.82	\$28.11	\$55.84	\$40.53	\$35.92	\$32.08	\$25.01	\$58.27	\$41.03	
2034	\$35.81	\$33.31	\$28.08	\$57.50	\$41.66	\$36.55	\$31.66	\$24.90	\$60.26	\$42.20	
2035	\$39.55	\$35.10	\$29.01	\$66.59	\$48.52	\$40.62	\$33.55	\$25.88	\$68.13	\$48.78	
2036	\$40.44	\$35.82	\$30.17	\$67.46	\$49.05	\$41.47	\$34.05	\$26.71	\$69.92	\$49.42	
2037	\$40.65	\$34.44	\$29.99	\$68.32	\$49.77	\$41.67	\$32.48	\$26.32	\$71.08	\$50.18	
2038	\$42.72	\$37.21	\$31.75	\$71.41	\$51.93	\$43.84	\$35.48	\$28.07	\$74.17	\$52.38	
2039	\$44.30	\$38.81	\$33.86	\$72.63	\$52.77	\$45.10	\$36.39	\$29.64	\$75.23	\$53.38	
2040	\$46.31	\$40.86	\$35.34	\$76.25	\$55.18	\$47.50	\$38.52	\$31.06	\$80.08	\$56.13	 (C

(1) Avoided cost prices have been reduced by wind and solar integration charges.

If the QF resource is not in PacifiCorp's BAA, prices will be increased by the applicable integration charges.

- (a) Illustrative price for all hours
- (b) On-peak Winter hours: 6:00a 8:00a and 5:00p 11:00p Pacific Prevailing Time (PPT), Oct. through May
- (c) Off-peak Winter hours: All other hours, Oct. through May
- (d) On-peak Summer hours: 2:00p 10:00p PPT, June through September
- (e) Off-peak Summer hours: All other hours, June through September

(continued)

Issued: December 4, 2020 Advice No. 20-02

By:

Effective: December 11, 2020

Issued By Pacific Power & Light Company

__ Etta Lockey

PACIFIC POWER & LIGHT COMPANY

RECEIVED OCT. 28, 2020 WA. UT. & TRANS. COMM. ORIGINAL

First Revision of Sheet No. QF.15 Canceling Original Sheet No. QF.15

WN U-75

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. <u>AVOIDED COST PRICE TABLES:</u> (continued) <u>AVOIDED COST PRICE COMPONENT TABLES</u> (continued)

TABLE C. AVOIDED COST PRICE TABLE – STANDARD QUALIFYING FACILITIES – ESTIMATED AVOIDED CAPACITY COSTS

			Base	eload	
	Levelized Avoided Capacity Cost	Winter Capacity	Summer Capacity	Winter Capacity	Summer Capacity
	Costs	Costs	Costs	Costs	Costs
				All Hours	All Hours
Year	\$/MW-yr	\$/MW-yr	\$/MW-yr	\$/MWH	\$/MWH
	(a)	(b)	(c)	(d)	(e)
	Capacity Contribution:	100.00%	100.00%		
	C.F. Weighting:			67%	33%
2021	\$119,951	\$40,368	\$79,583	\$6.91	\$27.18
2022	\$122,350	\$41,175	\$81,175	\$7.05	\$27.72
2023	\$124,675	\$41,957	\$82,717	\$7.19	\$28.25
2024	\$127,168	\$42,797	\$84,372	\$7.33	\$28.82
2025	\$129,839	\$43,695	\$86,144	\$7.48	\$29.42
2026	\$132,825	\$44,700	\$88,125	\$7.66	\$30.10
2027	\$136,013	\$45,773	\$90,240	\$7.84	\$30.82
2028	\$139,413	\$46,917	\$92,496	\$8.04	\$31.59
2029	\$142,759	\$48,044	\$94,716	\$8.23	\$32.35
2030	\$146,186	\$49,197	\$96,989	\$8.43	\$33.12
2031	\$149,402	\$50,279	\$99,123	\$8.61	\$33.85
2032	\$152,688	\$51,385	\$101,303	\$8.80	\$34.60
2033	\$155,895	\$52,464	\$103,431	\$8.99	\$35.32
2034	\$159,169	\$53,566	\$105,603	\$9.17	\$36.07
2035	\$162,511	\$54,691	\$107,821	\$9.37	\$36.82
2036	\$165,924	\$55,839	\$110,085	\$9.56	\$37.60
2037	\$169,408	\$57,012	\$112,397	\$9.77	\$38.39
2038	\$172,966	\$58,209	\$114,757	\$9.97	\$39.19
2039	\$176,598	\$59,432	\$117,167	\$10.18	\$40.02
2040	\$180,307	\$60,680	\$119,627	\$10.39	\$40.86

(C) (I)

| (I) (C)

Capacity Contribution: 2017 IRP, Appendix N (wind), UE-190666, Order 01 (solar)

Capacity Factor Weighting: The resource's annual capacity factor divided by season.

(a) Levelized capacity cost at 100% capacity contribution

(b),(c) Summer-winter split based on months and 2017 IRP loss of load probability

- (d) Winter Capacity Cost (b) divided by seasonal capacity factor weighting
- (e) Summer Capacity Cost (c) divided by seasonal capacity factor weighting

(continued)

Issued: December 4, 2020 **Advice No.** 20-02

Effective: December 11, 2020

Issued By Pacific Power & Light Company

PACIFIC POWER & LIGHT COMPANY

WN U-75

First Revision of Sheet No. QF.16 Canceling Original Sheet No. QF.16 RECEIVED OCT. 28, 2020 WA. UT. & TRANS. COMM. ORIGINAL

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. <u>AVOIDED COST PRICE TABLES:</u> (continued)

AVOIDED COST PRICE COMPONENT TABLES (continued)

TABLE C (continued). AVOIDED COST PRICE TABLE – STANDARD QUALIFYING FACILITIES – ESTIMATED AVOIDED CAPACITY COSTS

		ESTIMATE		D CAPACI	1 COSIS			-	
		١	Wind			Fixed T	ilt Solar		
	Winter Capacity	Summer Capacity	Winter Capacity	Summer Capacity	Winter Capacity	Summer Capacity	Winter Capacity	Summer Capacity	
	Costs								
			All Hours	All Hours			All Hours	All Hours	
Year	\$/MW-yr	\$/MW-yr	\$/MWH	\$/MWH	\$/MW-yr	\$/MW-yr	\$/MWH	\$/MWH	
	(b)	(c)	(d)	(e)	(b)	(c)	(d)	(e)	
Capacity Contribution:	11.78%	11.78%			2.00%	2.00%			
C.F. Weighting:			27%	11%			14%	11%	
2021	\$4,754	\$9,372	\$2.01	\$9.73	\$807	\$1,592	\$0.65	\$1.70	(C) (I)
2022	\$4,849	\$9,560	\$2.05	\$9.92	\$824	\$1,624	\$0.66	\$1.73	
2023	\$4,941	\$9,741	\$2.09	\$10.11	\$839	\$1,654	\$0.67	\$1.77	
2024	\$5,040	\$9,936	\$2.13	\$10.31	\$856	\$1,687	\$0.69	\$1.80	
2025	\$5,146	\$10,145	\$2.18	\$10.53	\$874	\$1,723	\$0.70	\$1.84	
2026	\$5,264	\$10,378	\$2.23	\$10.77	\$894	\$1,762	\$0.72	\$1.88	
2027	\$5,390	\$10,627	\$2.28	\$11.03	\$915	\$1,805	\$0.74	\$1.93	
2028	\$5,525	\$10,893	\$2.34	\$11.30	\$938	\$1,850	\$0.75	\$1.97	
2029	\$5,658	\$11,154	\$2.39	\$11.58	\$961	\$1,894	\$0.77	\$2.02	
2030	\$5,794	\$11,422	\$2.45	\$11.85	\$984	\$1,940	\$0.79	\$2.07	
2031	\$5,921	\$11,673	\$2.50	\$12.11	\$1,006	\$1,982	\$0.81	\$2.12	
2032	\$6,051	\$11,930	\$2.56	\$12.38	\$1,028	\$2,026	\$0.83	\$2.16	
2033	\$6,178	\$12,180	\$2.61	\$12.64	\$1,049	\$2,069	\$0.84	\$2.21	
2034	\$6,308	\$12,436	\$2.67	\$12.91	\$1,071	\$2,112	\$0.86	\$2.25	
2035	\$6,441	\$12,697	\$2.72	\$13.18	\$1,094	\$2,156	\$0.88	\$2.30	
2036	\$6,576	\$12,964	\$2.78	\$13.45	\$1,117	\$2,202	\$0.90	\$2.35	
2037	\$6,714	\$13,236	\$2.84	\$13.74	\$1,140	\$2,248	\$0.92	\$2.40	
2038	\$6,855	\$13,514	\$2.90	\$14.02	\$1,164	\$2,295	\$0.94	\$2.45	
2039	\$6,999	\$13,798	\$2.96	\$14.32	\$1,189	\$2,343	\$0.96	\$2.50	
2040	\$7,146	\$14,088	\$3.02	\$14.62	\$1,214	\$2,393	\$0.98	\$2.55	(İ)

Capacity Contribution: UE-190666, Order 01 (solar)

Capacity Factor Weighting: The resource's annual capacity factor divided by season.

(a) Levelized capacity cost at 100% capacity contribution

(b),(c) Summer-winter split based on months and 2017 IRP loss of load probability

(d) Winter Capacity Cost (b) divided by seasonal capacity factor weighting

(e) Summer Capacity Cost (c) divided by seasonal capacity factor weighting

(continued)

Issued: December 4, 2020 **Advice No.** 20-02

Effective: December 11, 2020

Issued By Pacific Power & Light Company

Etta Lockey

Title: Vice President, Regulation

(C)

PACIFIC POWER & LIGHT COMPANY

WN U-75

First Revision of Sheet No. QF.17 Canceling Original Sheet No. QF.17

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR QUALIFYING FACILITIES

III. <u>AVOIDED COST PRICE TABLES:</u> (continued) <u>AVOIDED COST PRICE COMPONENT TABLES</u> (continued)

TABLE C (continued). AVOIDED COST PRICE TABLE – STANDARD QUALIFYING FACILITIES – ESTIMATED AVOIDED CAPACITY COSTS

		Tr	acking Solar	
	Winter Capacity	Summer Capacity	Winter Capacity	Summer Capacity
	Costs	Costs	Costs	Costs
			All Hours	All Hours
Year	\$/MW-yr	\$/MW-yr	\$/MWH	\$/MWH
	(b)	(c)	(d)	(e)
Capacity Contribution:	2.00%	2.00%		
C.F. Weighting:			12%	13%
2021	\$807	\$1,592	\$0.76	\$1.44
2022	\$824	\$1,624	\$0.77	\$1.47
2023	\$839	\$1,654	\$0.79	\$1.49
2024	\$856	\$1,687	\$0.81	\$1.52
2025	\$874	\$1,723	\$0.82	\$1.56
2026	\$894	\$1,762	\$0.84	\$1.59
2027	\$915	\$1,805	\$0.86	\$1.63
2028	\$938	\$1,850	\$0.88	\$1.67
2029	\$961	\$1,894	\$0.90	\$1.71
2030	\$984	\$1,940	\$0.93	\$1.75
2031	\$1,006	\$1,982	\$0.95	\$1.79
2032	\$1,028	\$2,026	\$0.97	\$1.83
2033	\$1,049	\$2,069	\$0.99	\$1.87
2034	\$1,071	\$2,112	\$1.01	\$1.91
2035	\$1,094	\$2,156	\$1.03	\$1.95
2036	\$1,117	\$2,202	\$1.05	\$1.99
2037	\$1,140	\$2,248	\$1.07	\$2.03
2038	\$1,164	\$2,295	\$1.10	\$2.07
2039	\$1,189	\$2,343	\$1.12	\$2.12
2040	\$1,214	\$2,393	\$1.14	\$2.16

(C) (I)

Capacity Contribution: UE-190666, Order 01 (solar)

Capacity Factor Weighting: The resource's annual capacity factor divided by season.

(a) Levelized capacity cost at 100% capacity contribution

(b),(c) Summer-winter split based on months and 2017 IRP loss of load probability

(d) Winter Capacity Cost (b) divided by seasonal capacity factor weighting

(e) Summer Capacity Cost (c) divided by seasonal capacity factor weighting

(continued)

Issued: December 4, 2020 Advice No. 20-02 Effective:

Effective: December 11, 2020

Issued By Pacific Power & Light Company

By:

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Title: Vice President, Regulation



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First Revision of Sheet No. QF.18 Canceling Original Sheet No. QF.18

Schedule QF AVOIDED COST PURCHASES AND PROCEDURES FOR **QUALIFYING FACILITIES**

III. AVOIDED COST PRICE TABLES: (continued)

AVOIDED COST PRICE COMPONENT TABLES (continued)

TABLE D. AVOIDED COST PRICE TABLE - STANDARD QUALIFYING FACILITIES -**INTEGRATION COSTS**

Year	Wind Integration Cost	Solar Integration Cost
	\$/MWh	\$/MWh
2016	\$0.57	\$0.60
2017	\$0.58	\$0.62
2018	\$0.59	\$0.63
2019	\$0.60	\$0.64
2020	\$0.61	\$0.65
2021	\$0.62	\$0.66
2022	\$0.63	\$0.67
2023	\$0.64	\$0.68
2024	\$0.65	\$0.69
2025	\$0.66	\$0.70
2026	\$0.68	\$0.72
2027	\$0.70	\$0.74
2028	\$0.72	\$0.76
2029	\$0.74	\$0.78
2030	\$0.76	\$0.80
2031	\$0.78	\$0.82
2032	\$0.80	\$0.84
2033	\$0.82	\$0.86
2034	\$0.84	\$0.88
2035	\$0.86	\$0.90
2036	\$0.88	\$0.92
2030	\$0.90	\$0.94
2038	\$0.92	\$0.96
2030	\$0.94	\$0.98
2039	\$0.96	\$1.00
2040 2041	\$0.96 \$0.96	\$1.00
2041	\$0.90	\$1.00

Source: 2017 IRP Volume II-Appendix F

Issued: December 4, 2020 Advice No. 20-02

Issued By Pacific Power & Light Company By:

Etta Lockey

Effective: December 11, 2020