

March 25, 2024

Public Utility Commission of Oregon Attn: Filing Center 201 High Street, S.E. P.O. Box 1088 Salem, OR 97308-1088

RE: UM 1728 Supplemental Application to Update Schedule 201 Qualifying Facility Information

Pursuant to Oregon Administrative Rule (OAR) 860-029-0085 and Oregon Revised Statute (ORS) 758.525, Portland General Electric Company (PGE) submits this supplemental filing to revise its Schedule 201, Qualifying Facility Avoided Cost Power Purchase Information for Qualifying Facilities (QFs) 10 MW or Less, Sheet Nos. 201-1 through 201-31.

PGE initially filed the Schedule 201, QF Avoided Cost Power Purchase Information on March 18, 2024. PGE is submitting this Supplemental filing to provide a corrected Schedule 201. The Schedule 201 provided in PGE's initial filing contained the capacity contributions and Resource Sufficiency and Deficiency Periods from PGE's 2019 IRP Update and not the values from the recently acknowledged 2023 IRP. PGE is correcting this oversight and is providing the updated values in Schedule 201.

Please direct any questions regarding this filing to Chris Pleasant at (503) 464-2555. Please direct all formal correspondence and requests to the following email address pge.opuc.filings@pgn.com

Sincerely,

\s\ Robert Macfarlane

Robert Macfarlane Manager, Pricing & Tariffs

Enclosure

cc: Service List - UM 1728

SCHEDULE 201 QUALIFYING FACILITY 10 MW or LESS AVOIDED COST POWER PURCHASE INFORMATION

PURPOSE

To provide information about Standard Avoided Costs and Renewable Avoided Costs, Standard Power Purchase Agreements (PPA) and Negotiated PPAs, power purchase prices and price options for power delivered by a Qualifying Facility (QF) to the Company with nameplate capacity rating of 10,000 kW (10MW) or less.

AVAILABLE

To owners of QFs making sales of electricity to the Company in the State of Oregon (Seller).

APPLICABLE

For power purchased from small power production or cogeneration facilities that are QFs as defined in 18 Code of Federal Regulations (CFR) Section 292, that meet the eligibility requirements described herein and where the energy is delivered to the Company's system and made available for Company purchase pursuant to a Standard PPA.

ESTABLISHING CREDITWORTHINESS

The Seller must establish creditworthiness prior to service under this schedule. For a Standard PPA, a Seller may establish creditworthiness with a written acknowledgment that it is current on all existing debt obligations and that it was not a debtor in a bankruptcy proceeding within the preceding 24 months. If the Seller is not able to establish creditworthiness, the Seller must provide security deemed sufficient by the Company as set forth in the Standard PPA.

POWER PURCHASE INFORMATION

A Seller may call the Power Production Coordinator at (503) 464-8000 to obtain more information about being a Seller or how to apply for service under this schedule.

PPA

In accordance with terms set forth in this schedule and the Commission's Rules as applicable, the Company will purchase any Energy in excess of station service (power necessary to produce generation) and amounts attributable to conversion losses, which are made available from the Seller.

A Seller must execute a PPA with the Company prior to delivery of power to the Company. The agreement will have a term of up to 20 years as selected by the QF and memorialized in the PPA.

A QF with a nameplate capacity rating of 10 MW or less as defined herein may elect the option of a Standard PPA.

PPA (Continued)

Nameplate Capacity Rating means the maximum installed instantaneous power production capacity of the completed Facility, expressed in MW (AC) and measured at the point of interconnection, when operated in compliance with the generation interconnection agreement and consistent with the recommended power factor and operating parameters provided by the manufacturer of the generator, inverters, and energy storage devices, where relevant.

Any Seller may elect to negotiate a PPA with the Company. Such negotiation will comply with the requirements of the Federal Energy Regulatory Commission (FERC), and the Commission including the guidelines in Order No. 07-360, and Schedule 202. Negotiations for power purchase pricing will be based on either the filed Standard Avoided Costs or Renewable Avoided Costs in effect at that time.

STANDARD PPA (Nameplate capacity rating of 10 MW or less)

A Seller choosing a Standard PPA will complete all informational and price option selection requirements in the applicable Standard PPA and submit the executed Agreement to the Company prior to service under this schedule. The Standard PPA is available at www.portlandgeneral.com. The available Standard PPAs are:

- Standard In-System Non-Variable Power Purchase Agreement
- Standard Off-System Non-Variable Power Purchase Agreement
- Standard In-System Variable Power Purchase Agreement
- Standard Off-System Variable Power Purchase Agreement
- Standard Renewable In-System Non-Variable Power Purchase Agreement
- Standard Renewable Off-System Non-Variable Power Purchase Agreement
- Standard Renewable In-System Variable Power Purchase Agreement
- Standard Renewable Off-System Variable Power Purchase Agreement

The Standard PPAs applicable to variable resources are available only to QFs utilizing wind, solar, solar-plus-storage, or run of river hydro as the primary motive force.

GUIDELINES FOR 10 MW OR LESS FACILITIES ELECTING STANDARD PPA

To execute the Standard PPA the Seller must complete all of the general project information requested in the applicable Standard PPA.

When all information required in the Standard PPA has been received in writing from the Seller, the Company will respond within 15 business days with a draft Standard PPA.

The Seller may request in writing that the Company prepare a final draft Standard PPA. The Company will respond to this request within 15 business days. In connection with such request, the QF must provide the Company with any additional or clarified project information that the Company reasonably determines to be necessary for the preparation of a final draft Standard PPA.

GUIDELINES FOR 10 MW OR LESS FACILITIES ELECTING STANDARD PPA (Continued)

When both parties are in full agreement as to all terms and conditions of the draft Standard PPA, the Company will prepare and forward to the Seller a final executable version of the agreement within 15 business days. Following the Company's execution, an executed copy will be returned to the Seller. Prices and other terms and conditions in the PPA will not be final and binding until the Standard PPA has been executed by both parties.

OFF-SYSTEM PPA

A Seller with a facility that interconnects with an electric system other than the Company's electric system may enter into a PPA with the Company after following the applicable Standard or Negotiated PPA guidelines and making the arrangements necessary for transmission of power to the Company's system.

ELIGIBILITY FOR INTERIM SOLAR-PLUS-STORAGE STANDARD PRICES

In addition to the other requirements in this Schedule, the following eligibility requirements apply to QFs seeking the interim solar-plus-storage standard avoided cost rate:

As set forth in Commission Order No. 23-179, once QFs with a total aggregate nameplate capacity rating of 50 MW have entered contracts or otherwise obtained a legally enforceable obligation to receive the interim standard solar-plus-storage rate, the interim rate will cease to be available until the Commission completes a review of the interim rate and orders otherwise, except for QFs with a nameplate capacity rating of 100 kW or less which are not subject to this 50 MW cap.

The storage component must be charged only by the on-site solar generation component and be collocated with the solar generation behind the point of interconnection.

The storage component must be no less than 25 percent and no greater than 100 percent of the capacity of the solar generation, and the battery must be no less than two hours and no more than four hours in duration.

Dispatch of the solar-plus-storage resource will be controlled by the QF.

BASIS FOR POWER PURCHASE PRICE

AVOIDED COST SUMMARY

The power purchase prices are based on either the Company's Standard Avoided Costs or Renewable Avoided Costs in effect at the time the agreement is executed. Avoided Costs are defined in 18 CFR 292.101(6) as "the incremental costs to an electric utility of electric energy or capacity or both which, but for the purchase from the qualifying facility or qualifying facilities, such utility would generate itself or purchase from another source."

BASIS FOR POWER PURCHASE PRICE (Continued) AVOIDED COST SUMMARY (Continued)

Monthly On-Peak prices are included in both the Standard Avoided Costs as listed in Tables 1a, 2a, 3a, and 4a and Renewable Avoided Costs as listed in Tables 5a, 6a, 7a, and 8a. Monthly Off-Peak prices are included in both the Standard Avoided Costs as listed in Tables 1b, 2b, 3b, and 4b and Renewable Avoided Costs as listed in Tables 5b, 6b, and 7b and 8b.

ON-PEAK PERIOD

The On-Peak period is 6:00 a.m. until 10:00 p.m., Monday through Saturday.

OFF-PEAK PERIOD

The Off-Peak period is 10:00 p.m. until 6:00 a.m., Monday through Saturday, and all day on Sunday.

SOLAR-PLUS-STORAGE PREMIUM PEAK PERIOD

The Premium Peak period is the following hours Monday through Saturday:

Daylight savings months, March – October: 6:00 PM to 10:00 PM Winter months, November – February: 5:00 AM to 7:00 AM and 7:00 PM to 9:00 PM

PGE may request Commission approval to update the Premium Peak hours for new and existing solar- plus- storage contracts following Commission acknowledgement of an Integrated Resource Plan (IRP) or IRP Update.

In the event that U.S. Congress changes or eliminates Daylight Savings Time, PGE may request to adjust this schedule.

SOLAR-PLUS-STORAGE OFF-PEAK PERIOD

The Off-Peak period for solar-plus-storage QFs is Monday through Saturday all hours other than Premium Peak hours, and all day on Sunday.

BASIS FOR POWER PURCHASE PRICE (Continued) AVOIDED COST SUMMARY (Continued)

Standard Avoided Costs are based on forward market price estimates through the Resource Sufficiency Period, the period of time during which the Company's Standard Avoided Costs are associated with incremental purchases of Energy and capacity from the market. For the Resource Deficiency Period, the Standard Avoided Costs reflect the fully allocated costs of a natural gas fueled combined cycle combustion turbine (CCCT) including fuel and capital costs. The CCCT Avoided Costs are based on the variable cost of Energy plus capitalized Energy costs at a 94.01% capacity factor based on a natural gas price forecast, with prices modified for shrinkage and transportation costs.

Renewable Avoided Costs are based on forward market price estimates through the Renewable Resource Sufficiency Period, the period of time during which the Company's Renewable Avoided Costs are associated with incremental purchases of energy and capacity from the market. For the Renewable Resource Deficiency Period, the Renewable Avoided Costs reflect the fully allocated costs of a wind plant including capital costs.

PRICING FOR STANDARD PPA

Pricing represents the purchase price per MWh the Company will pay for electricity delivered to a Point of Delivery (POD) within the Company's service territory pursuant to a Standard PPA up to the nameplate rating of the QF in any hour.

ELIGIBILITY REQUIREMENTS TO RECEIVE THE STANDARD FIXED PRICE OPTION OR THE RENEWABLE FIXED PRICE OPTION

The Standard PPA pricing will be based on either the Standard or Renewable Avoided Costs in effect at the time the agreement is executed. A QF will be eligible to receive either the Standard Fixed Price Option or the Renewable Fixed Price Option described below only if the nameplate capacity rating of the QF does not exceed 3 MW for solar and solar-plus-storage QF projects or 10 MW for all other types of QF projects. A QF that does not meet these eligibility requirements must negotiate prices pursuant to the terms of Schedule 202. Solar and solar-plus-storage QF projects with nameplate capacity rating that exceed 3 MW but do not exceed 10 MW are eligible for a Standard PPA containing negotiated prices under Schedule 202. Eligibility for the Standard Fixed Price Option or the Renewable Fixed Price Option may also be affected by the Definition of a Small Cogeneration Facility or Small Power Production Facility Eligible to Receive the Standard Fixed Price Option or the Renewable Fixed Price Option Under the Standard PPA stated below.

Except for As-Available Energy, the Company will pay the Seller either the On-Peak Standard Avoided Cost pursuant to Tables 1a, 2a, 3a or, 4a or the On-Peak Renewable Avoided Costs pursuant to Tables 5a, 6a, 7a or 8a for Net Output delivered in the On-Peak Period. Except for As-Available Energy, the Company will pay the Seller either the Off-Peak Standard Avoided Cost pursuant to Tables 1b, 2b, 3b, or 4b or the Off-Peak Renewable Avoided Costs pursuant to Tables 5b, 6b, 6b or 7b for Net Output delivered in the Off-Peak Period. The Company will pay the Seller the As-Available Rate for all As-Available Energy delivered during the PPA Term.

PRICING OPTIONS FOR STANDARD PPA (Continued)
Standard Fixed Price Option (Continued)

1) Standard Fixed Price Option

The Standard Fixed Price Option is based on Standard Avoided Costs including forecasted natural gas prices. It is available to all QFs that meet the eligibility requirements identified above.

This option is available for a maximum term of 15 years. Prices will be as established at the time the Standard PPA is executed and will be equal to the Standard Avoided Costs in Tables 1a and 1b, 2a and 2b, 3a and 3b,or 4a and 4b depending on the type of QF, effective at execution. QFs using any resource type other than wind, solar, and solar-plus-storage are assumed to be Base Load QFs.

Prices paid to the Seller under the Standard Fixed Price Option include adjustments for the capacity contribution of the QF resource type relative to that of the avoided proxy resource. Both the Base Load QF resources (Tables 1a and 1b) and the avoided proxy resource, the basis used to determine Standard Avoided Costs for the Standard Fixed Price Option, are assumed to have a capacity contribution to peak of 100%. The capacity contribution for Wind QF resources (Tables 2a and 2b) is assumed to be 24.00%. The capacity contribution for Solar QF resources (Tables 3a and 3b) is assumed to be 33.00%.

For the Interim Solar-Plus-Storage Non-Renewable Avoided Costs (Tables 4a and 4b), capacity compensation will be based on an assumed capacity contribution of 42.00%, and the solar-plus-storage QF will be paid a volumetric rate (\$/MWh) for delivery during the Premium Peak hours during the Resource Deficiency Period.

Prices paid to the Seller under the Standard Fixed Price Option for Wind QFs (Tables 2a and 2b) include a reduction for the wind integration costs in Table 9. However, if the Wind QF is outside of PGE's Balancing Authority Area as contemplated in the Commission's Order No. 14-058, the Seller is paid the wind integration charges in Table9, in addition to the prices listed in Tables 2a and 2b, for a net-zero effect.

Prices paid to the Seller under the Standard Fixed Price Option for Solar and Solar-Plus-Storage QFs (Tables 3a and 3b and 4a and 4b) include a reduction for the solar integration costs in Table 9. However, if the Solar QF is outside of PGE's Balancing Authority Area as contemplated in the Commission's Order No. 14-058, the Seller is paid the solar integration charges in Table 9, in addition to the prices listed in Tables 3a and 3b and 4a and 4b, for a net-zero effect.

Sellers with terms exceeding 15 years from the commercial operation date will receive pricing equal to the Mid-C Index Price for all years up to five in excess of the initial 15 years after the commercial operation date selected by the Seller and memorialized in the PPA.

						TABLE 1	а					
						voided C						
				Fix	ed Price (•						
			1		On-Pea	K Forecas	st (\$/MWH)	1			
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	252.49	89.64	73.30	70.75	57.48	72.79	149.87	208.07	158.04	82.49	97.81	139.67
2025	143.23	121.55	85.52	66.89	56.31	58.39	143.39	184.52	149.55	92.04	102.42	119.54
2026	66.68	66.22	63.37	60.75	60.03	60.36	61.00	61.01	61.02	61.80	64.35	66.51
2027	68.35	68.01	64.39	61.29	60.53	60.82	61.43	61.46	61.54	62.30	64.73	66.85
2028	68.76	68.41	65.17	62.06	61.29	61.50	62.04	62.04	62.00	62.78	65.56	67.72
2029	67.41	66.96	65.32	64.19	64.06	64.05	64.46	64.78	65.05	65.51	66.20	66.53
2030	67.94	67.98	66.53	65.67	65.77	65.64	65.93	65.78	66.11	66.50	67.79	68.42
2031	69.57	69.56	66.82	66.20	66.05	65.93	66.46	66.56	66.52	66.83	68.90	69.76
2032	70.11	70.56	68.40	67.10	67.01	67.26	68.29	68.40	68.96	69.77	71.32	71.98
2033	73.51	72.95	72.53	71.48	71.19	71.41	71.68	71.67	72.56	72.99	74.04	75.32
2034	77.94	76.27	75.10	73.72	73.66	73.37	73.40	73.91	73.76	74.51	75.24	76.65
2035	78.78	77.88	75.28	74.11	74.02	74.07	74.21	74.32	74.52	75.20	76.82	78.48
2036	80.74	79.36	76.17	74.62	74.49	74.85	74.76	74.85	75.02	76.71	76.94	78.65
2037	81.18	79.50	75.24	74.13	73.77	73.53	73.67	74.23	74.39	75.72	75.83	77.99
2038	80.92	80.85	76.02	74.53	74.70	74.18	75.15	74.84	75.42	76.76	74.56	76.32
2039	80.76	79.99	78.33	76.12	75.98	75.83	75.84	76.08	76.45	76.41	76.46	78.13
2040	82.34	83.58	80.64	78.62	78.50	78.60	78.31	78.49	79.13	79.68	78.50	80.74
2041	86.75	86.16	82.39	80.35	79.93	79.75	80.89	81.65	82.33	80.68	82.97	85.10
2042	88.54	90.70	86.17	83.86	83.71	83.54	84.49	84.61	84.82	83.34	84.69	88.68
2043	90.56	93.80	87.74	85.76	85.61	85.57	86.69	86.81	87.03	85.95	86.67	90.07
2044	93.89	99.94	93.07	90.81	90.67	90.63	93.58	93.87	94.12	90.26	91.82	94.36
2045	99.11	106.19	100.19	97.70	97.58	97.66	98.96	99.48	99.75	95.45	99.15	101.70
2046	106.80	110.47	103.85	101.42	101.30	101.32	103.31	103.69	103.98	100.42	102.18	104.99
2047	110.34	114.55	108.69	106.12	106.01	106.05	107.46	107.90	108.21	105.24	107.73	110.65
2048	116.73	120.58	114.36	111.61	111.50	111.44	112.69	113.12	113.46	111.72	112.14	115.25
2049	121.42	126.28	118.72	116.20	116.12	116.06	117.24	118.31	118.67	116.43	118.01	120.87

						TABLE 1	b					
						voided C						
				Fix	ed Price (•						
		1	1		Оп-Реа	K Forecas	st (\$/MWH)			1	
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	197.46	72.28	63.60	61.56	41.65	43.70	65.14	84.53	73.30	68.20	79.43	109.04
2025	113.10	99.13	65.92	64.81	42.43	37.63	68.16	90.43	77.95	76.95	85.24	104.21
2026	25.09	24.62	21.77	19.15	18.43	18.76	19.40	19.41	19.42	20.20	22.75	24.91
2027	25.87	25.52	21.91	18.80	18.04	18.33	18.94	18.98	19.05	19.81	22.25	24.37
2028	25.37	25.01	21.77	18.67	17.89	18.10	18.65	18.65	18.61	19.39	22.16	24.33
2029	23.09	22.64	21.00	19.88	19.74	19.73	20.14	20.46	20.74	21.19	21.88	22.21
2030	22.67	22.72	21.27	20.41	20.51	20.38	20.67	20.52	20.85	21.24	22.52	23.16
2031	23.34	23.34	20.59	19.97	19.82	19.70	20.23	20.33	20.29	20.60	22.67	23.53
2032	23.19	23.64	21.48	20.19	20.10	20.35	21.38	21.49	22.04	22.85	24.40	25.06
2033	25.28	24.72	24.31	23.26	22.97	23.19	23.46	23.44	24.34	24.77	25.81	27.09
2034	28.53	26.86	25.69	24.31	24.25	23.96	23.99	24.50	24.35	25.10	25.83	27.24
2035	28.48	27.58	24.98	23.81	23.72	23.77	23.91	24.02	24.21	24.90	26.52	28.18
2036	29.53	28.15	24.96	23.41	23.28	23.64	23.55	23.64	23.81	25.50	25.73	27.44
2037	28.71	27.02	22.77	21.66	21.30	21.06	21.20	21.76	21.92	23.25	23.36	25.52
2038	27.33	27.26	22.43	20.94	21.10	20.59	21.56	21.25	21.83	23.17	20.97	22.73
2039	26.03	25.26	23.59	21.38	21.24	21.10	21.10	21.35	21.71	21.67	21.73	23.39
2040	26.44	27.67	24.74	22.72	22.60	22.69	22.41	22.58	23.23	23.78	22.60	24.84
2041	29.65	29.07	25.30	23.26	22.83	22.66	23.80	24.56	25.24	23.58	25.87	28.01
2042	30.23	32.39	27.86	25.54	25.40	25.23	26.18	26.30	26.50	25.03	26.38	30.37
2043	31.00	34.25	28.19	26.20	26.06	26.01	27.14	27.26	27.48	26.40	27.12	30.52
2044	33.26	39.31	32.44	30.17	30.04	30.00	32.95	33.24	33.48	29.63	31.19	33.73
2045	36.78	43.87	37.87	35.38	35.26	35.34	36.64	37.16	37.43	33.12	36.83	39.38
2046	43.35	47.02	40.40	37.97	37.85	37.88	39.86	40.24	40.53	36.97	38.73	41.54
2047	45.53	49.74	43.88	41.32	41.21	41.25	42.66	43.10	43.41	40.43	42.92	45.84
2048	50.76	54.61	48.39	45.64	45.53	45.46	46.72	47.15	47.49	45.74	46.17	49.28
2049	53.83	58.68	51.13	48.61	48.52	48.47	49.64	50.72	51.08	48.83	50.41	53.27

						TABLE 2a	1					
					Av	oided Co	sts					
					xed Price			QF				
					On-Peak	Forecast	(\$/MWH)					
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	55.01	70.33	147.41	205.61	155.58	80.03	95.34	137.20
2025	140.72	119.03	83.00	64.37	53.79	55.88	140.87	182.01	147.04	89.52	99.90	117.02
2026	42.74	42.27	39.42	36.80	36.08	36.41	37.05	37.06	37.07	37.85	40.40	42.56
2027	43.89	43.55	39.93	36.83	36.07	36.36	36.97	37.00	37.08	37.84	40.27	42.39
2028	43.78	43.42	40.18	37.08	36.30	36.51	37.06	37.06	37.02	37.80	40.57	42.74
2029	41.89	41.45	39.81	38.68	38.54	38.53	38.94	39.26	39.54	40.00	40.69	41.01
2030	40.78	40.82	39.37	38.51	38.61	38.48	38.77	38.62	38.95	39.34	40.62	41.26
2031	41.83	41.82	39.08	38.46	38.31	38.19	38.71	38.82	38.77	39.09	41.16	42.01
2032	41.93	42.38	40.22	38.92	38.83	39.09	40.11	40.22	40.78	41.59	43.14	43.80
2033	44.57	44.01	43.59	42.54	42.25	42.47	42.74	42.73	43.63	44.05	45.10	46.38
2034	48.30	46.63	45.46	44.08	44.02	43.73	43.76	44.27	44.12	44.87	45.60	47.01
2035	48.59	47.70	45.10	43.93	43.83	43.89	44.02	44.14	44.33	45.02	46.64	48.30
2036	49.99	48.62	45.43	43.87	43.74	44.10	44.01	44.10	44.28	45.96	46.20	47.91
2037	49.69	48.01	43.75	42.64	42.28	42.05	42.18	42.74	42.90	44.23	44.34	46.50
2038	48.76	48.69	43.86	42.37	42.54	42.02	42.99	42.68	43.26	44.60	42.40	44.16
2039	47.91	47.14	45.48	43.27	43.13	42.98	42.99	43.24	43.60	43.56	43.62	45.28
2040	48.79	50.03	47.09	45.07	44.95	45.05	44.77	44.94	45.59	46.13	44.96	47.20
2041	52.48	51.90	48.13	46.09	45.66	45.49	46.63	47.39	48.07	46.41	48.71	50.84
2042	53.54	55.71	51.18	48.86	48.72	48.55	49.50	49.62	49.82	48.34	49.70	53.68
2043	54.82	58.06	52.00	50.02	49.87	49.83	50.95	51.07	51.29	50.21	50.93	54.33
2044	57.49	63.54	56.67	54.40	54.27	54.23	57.18	57.47	57.71	53.86	55.42	57.96
2045	61.72	68.81	62.81	60.32	60.20	60.28	61.58	62.10	62.37	58.06	61.77	64.32
2046	68.72	72.39	65.78	63.34	63.23	63.25	65.23	65.62	65.90	62.34	64.11	66.91
2047	71.45	75.66	69.80	67.23	67.12	67.16	68.57	69.01	69.32	66.35	68.84	71.76
2048	77.12	80.97	74.75	72.00	71.89	71.83	73.08	73.51	73.85	72.11	72.54	75.64
2049	80.86	85.71	78.16	75.64	75.55	75.50	76.67	77.75	78.11	75.87	77.45	80.30

					-	TABLE 2b)					
					Av	oided Co	sts					
						Option f		QF				
					Off-Peak	Forecast	(\$/MWH)					
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	39.19	41.23	62.67	82.07	70.84	65.73	76.97	106.57
2025	110.58	96.62	63.40	62.29	39.92	35.11	65.65	87.92	75.43	74.44	82.72	101.69
2026	22.52	22.05	19.20	16.58	15.86	16.19	16.83	16.84	16.85	17.63	20.18	22.34
2027	23.24	22.90	19.28	16.18	15.42	15.71	16.32	16.35	16.43	17.19	19.62	21.74
2028	22.69	22.33	19.09	15.99	15.21	15.42	15.97	15.97	15.92	16.71	19.48	21.65
2029	20.35	19.91	18.26	17.14	17.00	16.99	17.40	17.72	18.00	18.45	19.14	19.47
2030	18.77	18.82	17.37	16.51	16.61	16.48	16.77	16.62	16.95	17.34	18.62	19.26
2031	19.36	19.35	16.61	15.99	15.84	15.72	16.24	16.35	16.30	16.62	18.69	19.54
2032	19.12	19.58	17.41	16.12	16.03	16.28	17.31	17.42	17.97	18.79	20.34	20.99
2033	21.13	20.57	20.15	19.10	18.81	19.03	19.30	19.29	20.19	20.61	21.66	22.94
2034	24.29	22.62	21.44	20.06	20.01	19.72	19.74	20.26	20.11	20.85	21.59	22.99
2035	24.14	23.25	20.65	19.48	19.38	19.44	19.57	19.69	19.88	20.57	22.19	23.85
2036	25.10	23.72	20.53	18.98	18.85	19.21	19.12	19.21	19.38	21.07	21.31	23.01
2037	24.18	22.50	18.25	17.14	16.78	16.54	16.68	17.24	17.40	18.73	18.83	21.00
2038	22.71	22.64	17.81	16.32	16.49	15.97	16.94	16.63	17.21	18.56	16.35	18.11
2039	21.31	20.54	18.88	16.67	16.53	16.38	16.39	16.63	17.00	16.96	17.01	18.68
2040	21.62	22.86	19.92	17.90	17.78	17.88	17.60	17.77	18.42	18.96	17.78	20.03
2041	24.73	24.15	20.38	18.34	17.91	17.74	18.88	19.64	20.32	18.66	20.95	23.09
2042	25.20	27.37	22.84	20.52	20.38	20.20	21.16	21.27	21.48	20.00	21.35	25.34
2043	25.87	29.12	23.06	21.07	20.93	20.88	22.01	22.13	22.34	21.27	21.99	25.39
2044	28.02	34.07	27.20	24.93	24.80	24.76	27.71	28.00	28.24	24.39	25.95	28.48
2045	31.43	38.52	32.51	30.03	29.91	29.99	31.29	31.81	32.07	27.77	31.48	34.02
2046	37.88	41.55	34.94	32.50	32.39	32.41	34.39	34.78	35.06	31.50	33.27	36.07
2047	39.95	44.16	38.30	35.74	35.62	35.67	37.08	37.52	37.83	34.85	37.34	40.26
2048	45.05	48.91	42.68	39.94	39.83	39.76	41.01	41.45	41.78	40.04	40.47	43.57
2049	48.00	52.86	45.30	42.78	42.70	42.64	43.82	44.89	45.25	43.01	44.59	47.45

					-	TABLE 3a	1					
					Av	oided Co	sts					
							or Solar					
				(On-Peak	Forecast	(\$/MWH)					
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	54.76	70.07	147.15	205.35	155.32	79.77	95.08	136.94
2025	140.45	118.77	82.74	64.10	53.53	55.61	140.61	181.74	146.77	89.26	99.63	116.76
2026	54.83	54.36	51.51	48.89	48.18	48.50	49.14	49.15	49.16	49.94	52.49	54.65
2027	56.24	55.90	52.28	49.18	48.42	48.71	49.32	49.35	49.43	50.19	52.62	54.74
2028	56.39	56.04	52.80	49.69	48.92	49.13	49.67	49.67	49.63	50.41	53.19	55.35
2029	54.78	54.33	52.69	51.56	51.42	51.41	51.82	52.14	52.42	52.88	53.57	53.90
2030	54.83	54.87	53.42	52.56	52.66	52.53	52.82	52.67	53.00	53.39	54.67	55.31
2031	56.18	56.17	53.43	52.81	52.66	52.54	53.06	53.17	53.12	53.44	55.51	56.36
2032	56.49	56.95	54.78	53.49	53.40	53.65	54.68	54.79	55.34	56.16	57.71	58.36
2033	59.54	58.98	58.56	57.51	57.22	57.44	57.71	57.70	58.59	59.02	60.07	61.35
2034	63.64	61.97	60.79	59.41	59.36	59.07	59.09	59.61	59.46	60.20	60.94	62.34
2035	64.21	63.31	60.71	59.54	59.45	59.50	59.64	59.75	59.94	60.63	62.25	63.91
2036	65.89	64.51	61.32	59.77	59.64	60.00	59.91	60.00	60.17	61.86	62.09	63.80
2037	65.98	64.29	60.04	58.93	58.57	58.33	58.47	59.03	59.19	60.52	60.63	62.79
2038	65.40	65.32	60.50	59.01	59.17	58.65	59.62	59.31	59.90	61.24	59.03	60.79
2039	64.90	64.13	62.47	60.26	60.12	59.97	59.98	60.23	60.59	60.55	60.61	62.27
2040	66.14	67.38	64.44	62.42	62.30	62.40	62.12	62.29	62.94	63.48	62.31	64.55
2041	70.21	69.62	65.85	63.81	63.39	63.21	64.35	65.11	65.79	64.13	66.43	68.56
2042	71.64	73.81	69.28	66.96	66.82	66.65	67.60	67.72	67.92	66.44	67.80	71.78
2043	73.31	76.55	70.49	68.50	68.36	68.31	69.44	69.56	69.78	68.70	69.42	72.82
2044	76.31	82.36	75.49	73.23	73.09	73.05	76.00	76.29	76.54	72.68	74.24	76.78
2045	81.07	88.15	82.15	79.66	79.54	79.62	80.92	81.44	81.71	77.41	81.11	83.66
2046	88.42	92.09	85.47	83.04	82.92	82.94	84.92	85.31	85.60	82.04	83.80	86.61
2047	91.56	95.77	89.91	87.35	87.23	87.28	88.69	89.13	89.44	86.46	88.95	91.87
2048	97.60	101.45	95.23	92.48	92.38	92.31	93.56	93.99	94.33	92.59	93.02	96.12
2049	101.84	106.69	99.14	96.62	96.53	96.48	97.65	98.73	99.09	96.85	98.43	101.29

					7	TABLE 3b)					
						oided Co						
						Option fo						
					Эπ-Реак	Forecast	(\$/IVIVV H)					
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	38.93	40.97	62.41	81.81	70.58	65.48	76.71	106.31
2025	110.32	96.35	63.14	62.03	39.65	34.85	65.38	87.65	75.17	74.17	82.46	101.43
2026	22.25	21.78	18.93	16.31	15.59	15.92	16.56	16.57	16.58	17.36	19.91	22.07
2027	22.97	22.62	19.01	15.90	15.14	15.43	16.04	16.08	16.15	16.91	19.35	21.47
2028	22.41	22.05	18.81	15.70	14.93	15.14	15.68	15.69	15.64	16.42	19.20	21.37
2029	20.07	19.62	17.98	16.85	16.71	16.70	17.11	17.43	17.71	18.17	18.86	19.19
2030	19.37	19.42	17.97	17.11	17.21	17.08	17.37	17.22	17.55	17.94	19.22	19.86
2031	19.97	19.97	17.22	16.60	16.45	16.33	16.86	16.96	16.92	17.23	19.30	20.16
2032	19.75	20.20	18.04	16.74	16.65	16.91	17.93	18.04	18.60	19.41	20.96	21.62
2033	21.77	21.21	20.79	19.74	19.45	19.67	19.94	19.93	20.83	21.25	22.30	23.58
2034	24.94	23.27	22.10	20.72	20.66	20.37	20.40	20.91	20.76	21.51	22.24	23.65
2035	24.81	23.91	21.31	20.14	20.05	20.11	20.24	20.35	20.55	21.23	22.86	24.52
2036	25.78	24.41	21.22	19.66	19.53	19.89	19.80	19.89	20.06	21.75	21.99	23.69
2037	24.88	23.20	18.94	17.84	17.47	17.24	17.37	17.94	18.09	19.42	19.53	21.70
2038	23.42	23.35	18.53	17.03	17.20	16.68	17.65	17.34	17.93	19.27	17.06	18.82
2039	22.04	21.27	19.60	17.39	17.25	17.10	17.11	17.36	17.72	17.68	17.74	19.40
2040	22.36	23.60	20.66	18.64	18.52	18.62	18.34	18.51	19.16	19.70	18.53	20.77
2041	25.49	24.90	21.14	19.10	18.67	18.50	19.64	20.40	21.07	19.42	21.71	23.84
2042	25.97	28.14	23.61	21.29	21.15	20.98	21.93	22.05	22.25	20.77	22.13	26.12
2043	26.66	29.91	23.85	21.86	21.72	21.67	22.80	22.91	23.13	22.06	22.78	26.18
2044	28.82	34.88	28.00	25.74	25.61	25.57	28.51	28.81	29.05	25.19	26.75	29.29
2045	32.25	39.34	33.34	30.85	30.73	30.81	32.11	32.63	32.90	28.60	32.30	34.85
2046	38.72	42.39	35.78	33.34	33.23	33.25	35.23	35.62	35.91	32.35	34.11	36.92
2047	40.81	45.02	39.16	36.59	36.48	36.53	37.93	38.38	38.68	35.71	38.20	41.12
2048	45.93	49.78	43.56	40.81	40.70	40.64	41.89	42.32	42.66	40.92	41.35	44.45
2049	48.90	53.75	46.20	43.68	43.59	43.54	44.71	45.79	46.15	43.91	45.49	48.34

					-	TABLE 4a	l					
						oided Co						
			Fix					Storage (QF			
				Pre	imum-Pe	ak Forec	ast (\$/MV	VH)				
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	54.76	70.07	147.15	205.35	155.32	79.77	95.08	136.94
2025	140.45	118.77	82.74	64.10	53.53	55.61	140.61	181.74	146.77	89.26	99.63	116.76
2026	94.36	93.89	91.05	88.42	87.71	88.04	88.68	88.69	88.69	89.47	92.03	94.18
2027	96.62	96.28	92.66	89.55	88.79	89.08	89.69	89.73	89.81	90.56	93.00	95.12
2028	97.63	97.27	94.04	90.93	90.15	90.36	90.91	90.91	90.87	91.65	94.43	96.59
2029	97.14	96.69	95.05	93.92	93.79	93.78	94.19	94.51	94.78	95.24	95.93	96.26
2030	97.84	97.89	96.44	95.58	95.67	95.55	95.83	95.68	96.02	96.40	97.69	98.33
2031	100.11	100.11	97.36	96.74	96.59	96.48	97.00	97.10	97.06	97.37	99.44	100.30
2032	101.60	102.05	99.89	98.59	98.50	98.76	99.78	99.89	100.45	101.26	102.81	103.47
2033	105.37	104.80	104.39	103.34	103.05	103.27	103.54	103.52	104.42	104.85	105.89	107.17
2034	110.59	108.92	107.75	106.37	106.31	106.02	106.05	106.56	106.41	107.16	107.89	109.30
2035	112.01	111.11	108.51	107.34	107.25	107.31	107.44	107.55	107.75	108.44	110.06	111.72
2036	114.84	113.47	110.28	108.73	108.59	108.95	108.86	108.95	109.13	110.81	111.05	112.76
2037	115.84	114.16	109.91	108.80	108.43	108.20	108.33	108.90	109.05	110.38	110.49	112.66
2038	116.33	116.26	111.43	109.94	110.10	109.59	110.55	110.24	110.83	112.17	109.96	111.72
2039	116.92	116.15	114.49	112.28	112.14	111.99	112.00	112.24	112.61	112.57	112.62	114.29
2040	119.58	120.82	117.88	115.86	115.74	115.84	115.56	115.73	116.38	116.92	115.74	117.99
2041	124.47	123.88	120.11	118.07	117.64	117.47	118.61	119.37	120.05	118.39	120.69	122.82
2042	127.06	129.23	124.70	122.38	122.24	122.06	123.02	123.13	123.34	121.86	123.21	127.20
2043	129.90	133.15	127.09	125.10	124.96	124.91	126.04	126.16	126.38	125.30	126.02	129.42
2044	134.27	140.32	133.45	131.19	131.05	131.01	133.96	134.25	134.50	130.64	132.20	134.74
2045	140.30	147.38	141.38	138.89	138.77	138.85	140.15	140.67	140.94	136.64	140.34	142.89
2046	148.72	152.39	145.77	143.34	143.22	143.24	145.22	145.61	145.90	142.34	144.10	146.91
2047	153.15	157.36	151.50	148.93	148.82	148.86	150.27	150.71	151.02	148.05	150.54	153.46
2048	160.67	164.52	158.30	155.55	155.44	155.37	156.63	157.06	157.40	155.65	156.08	159.19
2049	166.08	170.94	163.38	160.86	160.78	160.72	161.90	162.97	163.33	161.09	162.67	165.53

						TABLE 4b	ı					
						oided Co						
			Fix					Storage (QF			
		1		1	Off-Peak	Forecast	(\$/IVIVVH)					
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	38.93	40.97	62.41	81.81	70.58	65.48	76.71	106.31
2025	110.32	96.35	63.14	62.03	39.65	34.85	65.38	87.65	75.17	74.17	82.46	101.43
2026	22.25	21.78	18.93	16.31	15.59	15.92	16.56	16.57	16.58	17.36	19.91	22.07
2027	22.97	22.62	19.01	15.90	15.14	15.43	16.04	16.08	16.15	16.91	19.35	21.47
2028	22.41	22.05	18.81	15.70	14.93	15.14	15.68	15.69	15.64	16.42	19.20	21.37
2029	20.07	19.62	17.98	16.85	16.71	16.70	17.11	17.43	17.71	18.17	18.86	19.19
2030	19.37	19.42	17.97	17.11	17.21	17.08	17.37	17.22	17.55	17.94	19.22	19.86
2031	19.97	19.97	17.22	16.60	16.45	16.33	16.86	16.96	16.92	17.23	19.30	20.16
2032	19.75	20.20	18.04	16.74	16.65	16.91	17.93	18.04	18.60	19.41	20.96	21.62
2033	21.77	21.21	20.79	19.74	19.45	19.67	19.94	19.93	20.83	21.25	22.30	23.58
2034	24.94	23.27	22.10	20.72	20.66	20.37	20.40	20.91	20.76	21.51	22.24	23.65
2035	24.81	23.91	21.31	20.14	20.05	20.11	20.24	20.35	20.55	21.23	22.86	24.52
2036	25.78	24.41	21.22	19.66	19.53	19.89	19.80	19.89	20.06	21.75	21.99	23.69
2037	24.88	23.20	18.94	17.84	17.47	17.24	17.37	17.94	18.09	19.42	19.53	21.70
2038	23.42	23.35	18.53	17.03	17.20	16.68	17.65	17.34	17.93	19.27	17.06	18.82
2039	22.04	21.27	19.60	17.39	17.25	17.10	17.11	17.36	17.72	17.68	17.74	19.40
2040	22.36	23.60	20.66	18.64	18.52	18.62	18.34	18.51	19.16	19.70	18.53	20.77
2041	25.49	24.90	21.14	19.10	18.67	18.50	19.64	20.40	21.07	19.42	21.71	23.84
2042	25.97	28.14	23.61	21.29	21.15	20.98	21.93	22.05	22.25	20.77	22.13	26.12
2043	26.66	29.91	23.85	21.86	21.72	21.67	22.80	22.91	23.13	22.06	22.78	26.18
2044	28.82	34.88	28.00	25.74	25.61	25.57	28.51	28.81	29.05	25.19	26.75	29.29
2045	32.25	39.34	33.34	30.85	30.73	30.81	32.11	32.63	32.90	28.60	32.30	34.85
2046	38.72	42.39	35.78	33.34	33.23	33.25	35.23	35.62	35.91	32.35	34.11	36.92
2047	40.81	45.02	39.16	36.59	36.48	36.53	37.93	38.38	38.68	35.71	38.20	41.12
2048	45.93	49.78	43.56	40.81	40.70	40.64	41.89	42.32	42.66	40.92	41.35	44.45
2049	48.90	53.75	46.20	43.68	43.59	43.54	44.71	45.79	46.15	43.91	45.49	48.34

PRICING OPTIONS FOR STANDARD PPA (Continued)

2) Renewable Fixed Price Option

The Renewable Fixed Price Option is based on Renewable Avoided Costs. It is available only to Renewable QFs that generate electricity from a renewable energy source that may be used by the Company to comply with the Oregon Renewable Portfolio Standard as set forth in ORS 469A.005 to 469A.210 and that satisfy the eligibility requirements identified above.

This option is available for a maximum term of 15 years. Prices will be as established at the time the Standard PPA is executed and will be equal to the Renewable Avoided Costs in Tables 5a and 5b, 6a and 6b, 7a and 7b, or 8a and 8b depending on the type of QF, effective at execution. QFs using any resource type other than wind, solar, and solar-plus-storage are assumed to be Base Load QFs.

Sellers will retain all Environmental Attributes generated by the facility during the Renewable Resource Sufficiency Period. A Renewable QF choosing the Renewable Fixed Price Option must cede all RPS Attributes generated by the facility to the Company from the start of the Renewable Resource Deficiency Period through the remainder of the PPA term.

Prices paid to the Seller under the Renewable Fixed Price Option include adjustments for the capacity contribution of the QF resource type relative to that of the avoided proxy resource. Both Wind QF resources (Tables 6a and 6b) and the avoided proxy resource, the basis used to determine Renewable Avoided Costs for the Renewable Fixed Price Option, are assumed to have a capacity contribution to peak of 24.00%. The capacity contribution for Solar QF resources (Tables 7a and 7b) is assumed to be 33.00%. The capacity contribution for Base Load QF resources (Tables 5a and 5b) is assumed to be 100%.

For the Interim Solar-Plus-Storage Renewable Avoided Costs, capacity compensation will be based on an assumed capacity contribution of 42.00%, and the solar-plus storage QF will be paid a volumetric rate (\$/MWh) for delivery during the Premium Peak hours during the Renewable Resource Deficiency Period.

The Renewable Avoided Costs during the Renewable Resource Deficiency Period reflect an increase for avoided wind integration costs, shown in Table 9.

Prices paid to the Seller under the Renewable Fixed Price Option for Wind QFs (Tables 6a and 6b) include a reduction for the wind integration costs in Table 9, which cancels out wind integration costs included in the Renewable Avoided Costs during the Renewable Resource Deficiency Period. However, if the Wind QF is outside of PGE's Balancing Authority Area as contemplated in the Commission's Order No. 14-058, the Seller is paid the wind integration charges in Table 9, in addition to the prices listed in Tables 6a and 6b.

PRICING OPTIONS FOR STANDARD PPA (Continued)
Renewable Fixed Price Option (Continued)

Prices paid to the Seller under the Renewable Fixed Price Option for Solar and Solar-Plus-Storage QFs (Tables 7a and 7b and 8a and 8b) include a reduction for the Solar integration costs in Table 9. However, if the Solar QF is outside of PGE's Balancing Authority Area as contemplated in the Commission's Order No. 14-058, the Seller is paid the solar integration charges in Table 9, in addition to the prices listed in Tables 7a and 7b and 8a and 8b.

Sellers with terms exceeding 15 years from the commercial operation date will receive pricing equal to the Mid-C Index Price for all years up to five in excess of the initial 15 years following the commercial operation date selected by the Seller and memorialized in the PPA.

						TABLE 5						
							ded Costs					
				Renewab			on for Ba st (\$/MWH	se Load (⊋F			
					OII-Fea	Kroiecas	Pr (4/ IAI AA LI	,				
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	252.49	89.64	73.30	70.75	57.48	72.79	149.87	208.07	158.04	82.49	97.81	139.67
2025	143.23	121.55	85.52	66.89	56.31	58.39	143.39	184.52	149.55	92.04	102.42	119.54
2026	67.39	63.48	57.00	53.64	51.74	52.11	67.42	74.82	68.53	58.17	60.04	63.12
2027	68.83	64.84	58.21	54.79	52.84	53.22	68.85	76.42	69.99	59.41	61.32	64.47
2028	70.22	66.16	59.41	55.92	53.94	54.33	70.25	77.95	71.40	60.63	62.57	65.78
2029	71.79	67.63	60.72	57.15	55.12	55.52	71.82	79.71	73.01	61.97	63.96	67.25
2030	73.32	69.08	62.02	58.37	56.30	56.70	73.36	81.41	74.56	63.29	65.33	68.68
2031	74.89	70.55	63.34	59.61	57.50	57.91	74.92	83.15	76.15	64.65	66.72	70.15
2032	76.11	71.69	64.34	60.55	58.39	58.82	76.14	84.52	77.39	65.67	67.79	71.28
2033	78.12	73.59	66.07	62.18	59.98	60.41	78.15	86.74	79.44	67.43	69.60	73.17
2034	79.94	75.32	67.64	63.67	61.41	61.86	79.98	88.74	81.29	69.03	71.24	74.89
2035	81.49	76.77	68.92	64.86	62.56	63.01	81.52	90.48	82.86	70.34	72.60	76.33
2036	82.97	78.17	70.18	66.04	63.70	64.16	83.01	92.13	84.38	71.62	73.92	77.72
2037	85.00	80.08	71.89	67.66	65.26	65.73	85.04	94.38	86.44	73.37	75.73	79.62
2038	86.81	81.78	73.43	69.10	66.65	67.13	86.85	96.39	88.28	74.94	77.35	81.32
2039	88.67	83.53	74.99	70.58	68.07	68.57	88.70	98.45	90.16	76.54	79.00	83.05
2040	90.46	85.23	76.54	72.04	69.49	69.99	90.50	100.42	91.99	78.11	80.61	84.75
2041	92.49	87.13	78.23	73.62	71.01	71.52	92.53	102.69	94.05	79.84	82.40	86.63
2042	94.46	88.99	79.89	75.19	72.52	73.05	94.50	104.88	96.06	81.54	84.16	88.48
2043	96.48	90.89	81.60	76.80	74.07	74.61	96.52	107.12	98.11	83.28	85.96	90.37
2044	98.24	92.55	83.08	78.19	75.42	75.96	98.28	109.08	99.90	84.80	87.52	92.02
2045	100.84	95.01	85.32	80.31	77.46	78.02	100.88	111.94	102.54	87.07	89.86	94.47
2046	102.78	96.83	86.93	81.82	78.91	79.48	102.83	114.12	104.52	88.72	91.57	96.28
2047	104.98	98.89	88.79	83.56	80.60	81.18	105.02	116.56	106.75	90.62	93.53	98.33
2048	106.89	100.70	90.40	85.08	82.06	82.66	106.94	118.69	108.70	92.27	95.23	100.12
2049	109.50	103.16	92.62	87.17	84.07	84.68	109.55	121.58	111.35	94.52	97.56	102.57

						TABLE 5	b					
					Renewa	able Avoi	ded Costs	1				
			ı	Renewab	le Fixed F	Price Opti	on for Ba	se Load (QF			
					Off-Peal	k Forecas	t (\$/MWH)				
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	197.46	72.28	63.60	61.56	41.65	43.70	65.14	84.53	73.30	68.20	79.43	109.04
2025	113.10	99.13	65.92	64.81	42.43	37.63	68.16	90.43	77.95	76.95	85.24	104.21
2026	20.36	17.85	11.87	11.67	7.64	6.77	12.27	16.28	14.03	13.86	15.35	18.76
2027	20.80	18.23	12.12	11.92	7.80	6.92	12.53	16.63	14.33	14.15	15.67	19.16
2028	21.18	18.57	12.35	12.14	7.95	7.05	12.77	16.03	14.60	14.13	15.07	19.10
2029	21.69	19.02	12.64	12.43	8.14	7.03	13.08	17.35	14.95	14.76	16.35	19.99
2030	22.16	19.42	12.91	12.70	8.31	7.22	13.35	17.72	15.27	15.08	16.70	20.42
2031	22.63	19.84	13.19	12.97	8.49	7.53	13.64	18.09	15.60	15.40	17.05	20.85
2032	23.05	20.20	13.43	13.21	8.65	7.67	13.89	18.43	15.89	15.68	17.37	21.24
2033	23.61	20.69	13.76	13.53	8.86	7.85	14.23	18.87	16.27	16.06	17.79	21.75
2034	24.11	21.13	14.05	13.82	9.05	8.02	14.53	19.28	16.62	16.40	18.17	22.21
2035	24.62	21.58	14.35	14.11	9.24	8.19	14.84	19.69	16.97	16.75	18.56	22.69
2036	25.08	21.98	14.62	14.37	9.41	8.34	15.12	20.05	17.29	17.06	18.90	23.11
2037	25.69	22.51	14.97	14.72	9.64	8.55	15.48	20.54	17.70	17.48	19.36	23.67
2038	26.23	22.99	15.29	15.03	9.84	8.73	15.81	20.98	18.08	17.85	19.77	24.17
2039	26.79	23.48	15.62	15.35	10.05	8.91	16.15	21.42	18.47	18.23	20.19	24.69
2040	27.29	23.92	15.91	15.64	10.24	9.08	16.45	21.82	18.81	18.57	20.57	25.14
2041	27.95	24.50	16.29	16.02	10.49	9.30	16.84	22.35	19.26	19.02	21.06	25.75
2042	28.54	25.02	16.64	16.36	10.71	9.50	17.20	22.82	19.67	19.42	21.51	26.30
2043	29.15	25.55	16.99	16.71	10.94	9.70	17.57	23.31	20.09	19.84	21.97	26.86
2044	29.69	26.03	17.31	17.02	11.14	9.88	17.90	23.74	20.47	20.20	22.38	27.36
2045	30.41	26.66	17.73	17.43	11.41	10.12	18.33	24.32	20.96	20.69	22.92	28.02
2046	31.06	27.22	18.10	17.80	11.65	10.33	18.72	24.83	21.41	21.13	23.41	28.62
2047	31.72	27.81	18.49	18.18	11.90	10.55	19.12	25.36	21.86	21.58	23.91	29.23
2048	32.31	28.32	18.83	18.52	12.12	10.75	19.47	25.83	22.27	21.98	24.35	29.77
2049	33.09	29.00	19.29	18.96	12.41	11.01	19.94	26.46	22.81	22.51	24.94	30.49

					-	TABLE 6a	<u> </u>					
					Renewal	ble Avoid	ed Costs					
					ble Fixed			Wind QF				
			1	i	On-Peak	Forecast	(\$/MWH)		1			
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	55.01	70.33	147.41	205.61	155.58	80.03	95.34	137.20
2025	140.72	119.03	83.00	64.37	53.79	55.88	140.87	182.01	147.04	89.52	99.90	117.02
2026	43.44	39.53	33.05	29.69	27.79	28.16	43.47	50.87	44.58	34.22	36.09	39.17
2027	44.37	40.38	33.75	30.33	28.38	28.76	44.39	51.96	45.53	34.95	36.86	40.01
2028	45.24	41.18	34.43	30.94	28.96	29.35	45.27	52.97	46.42	35.65	37.59	40.80
2029	46.28	42.12	35.21	31.63	29.60	30.00	46.31	54.20	47.49	36.46	38.45	41.73
2030	46.16	41.91	34.85	31.20	29.13	29.54	46.19	54.25	47.40	36.13	38.17	41.52
2031	47.15	42.81	35.60	31.87	29.75	30.17	47.18	55.41	48.41	36.90	38.98	42.41
2032	47.93	43.51	36.16	32.37	30.21	30.64	47.96	56.34	49.21	37.49	39.61	43.10
2033	49.18	44.65	37.13	33.24	31.04	31.47	49.21	57.80	50.50	38.49	40.66	44.23
2034	50.31	45.68	38.00	34.03	31.78	32.22	50.34	59.11	51.65	39.39	41.60	45.26
2035	51.30	46.58	38.73	34.68	32.38	32.83	51.33	60.29	52.68	40.15	42.41	46.14
2036	52.23	47.42	39.43	35.30	32.95	33.41	52.26	61.38	53.63	40.88	43.18	46.97
2037	53.51	48.59	40.40	36.17	33.77	34.24	53.55	62.89	54.95	41.89	44.24	48.13
2038	54.65	49.62	41.27	36.94	34.49	34.97	54.69	64.23	56.12	42.78	45.19	49.16
2039	55.82	50.68	42.15	37.73	35.23	35.72	55.86	65.60	57.32	43.69	46.15	50.21
2040	56.92	51.68	42.99	38.49	35.94	36.44	56.95	66.88	58.44	44.56	47.07	51.20
2041	58.23	52.87	43.96	39.36	36.75	37.26	58.27	68.43	59.79	45.58	48.14	52.37
2042	59.47	54.00	44.90	40.20	37.53	38.06	59.51	69.89	61.06	46.55	49.17	53.49
2043	60.74	55.15	45.86	41.06	38.33	38.87	60.78	71.38	62.37	47.54	50.22	54.63
2044	61.84	56.14	46.68	41.79	39.01	39.56	61.88	72.68	63.50	48.39	51.12	55.62
2045	63.45	57.62	47.93	42.92	40.08	40.64	63.50	74.56	65.15	49.69	52.48	57.08
2046	64.71	58.75	48.86	43.74	40.84	41.41	64.75	76.05	66.44	50.65	53.50	58.20
2047	66.09	60.01	49.90	44.67	41.71	42.29	66.13	77.67	67.86	51.73	54.64	59.44
2048	67.28	61.09	50.80	45.47	42.45	43.05	67.33	79.08	69.09	52.66	55.62	60.52
2049	68.94	62.59	52.05	46.60	43.51	44.12	68.98	81.02	70.79	53.96	57.00	62.01

					•	TABLE 6b)					
					Renewal	ble Avoid	ed Costs					
				Renewa	ble Fixed	l Price Op	otion for \	Wind QF				
					Off-Peak	Forecast	(\$/MWH)					
				_		_		_	_			_
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	39.19	41.23	62.67	82.07	70.84	65.73	76.97	106.57
2025	110.58	96.62	63.40	62.29	39.92	35.11	65.65	87.92	75.43	74.44	82.72	101.69
2026	17.79	15.28	9.30	9.10	5.07	4.20	9.70	13.71	11.46	11.29	12.78	16.19
2027	18.17	15.60	9.50	9.29	5.18	4.29	9.91	14.00	11.71	11.53	13.05	16.54
2028	18.50	15.89	9.67	9.46	5.27	4.37	10.09	14.26	11.92	11.73	13.28	16.84
2029	18.96	16.28	9.91	9.69	5.40	4.48	10.34	14.61	12.21	12.02	13.61	17.25
2030	18.26	15.52	9.01	8.80	4.41	3.47	9.45	13.82	11.37	11.18	12.80	16.52
2031	18.65	15.85	9.21	8.98	4.51	3.55	9.66	14.11	11.61	11.41	13.07	16.87
2032	18.98	16.14	9.37	9.14	4.58	3.60	9.82	14.36	11.82	11.62	13.30	17.17
2033	19.45	16.54	9.60	9.37	4.70	3.70	10.07	14.72	12.11	11.91	13.64	17.60
2034	19.87	16.89	9.81	9.57	4.80	3.78	10.29	15.03	12.37	12.16	13.93	17.97
2035	20.29	17.25	10.02	9.78	4.90	3.86	10.51	15.35	12.64	12.42	14.22	18.35
2036	20.65	17.56	10.19	9.95	4.98	3.92	10.69	15.63	12.86	12.64	14.48	18.68
2037	21.16	17.99	10.45	10.20	5.12	4.02	10.96	16.02	13.18	12.96	14.84	19.15
2038	21.62	18.38	10.67	10.42	5.22	4.11	11.19	16.36	13.46	13.23	15.15	19.55
2039	22.08	18.77	10.90	10.64	5.34	4.20	11.43	16.71	13.75	13.51	15.48	19.97
2040	22.47	19.10	11.09	10.82	5.42	4.26	11.63	17.00	13.99	13.75	15.75	20.33
2041	23.03	19.58	11.37	11.10	5.57	4.38	11.92	17.43	14.34	14.10	16.14	20.83
2042	23.52	20.00	11.61	11.33	5.68	4.47	12.18	17.80	14.65	14.40	16.49	21.28
2043	24.02	20.42	11.86	11.58	5.81	4.57	12.44	18.18	14.96	14.71	16.84	21.73
2044	24.45	20.79	12.07	11.78	5.90	4.64	12.66	18.50	15.22	14.96	17.14	22.12
2045	25.06	21.30	12.37	12.07	6.06	4.77	12.98	18.96	15.61	15.34	17.57	22.67
2046	25.59	21.76	12.64	12.33	6.19	4.87	13.25	19.37	15.94	15.67	17.94	23.15
2047	26.14	22.22	12.91	12.59	6.32	4.97	13.53	19.78	16.28	16.00	18.32	23.64
2048	26.61	22.62	13.13	12.81	6.42	5.05	13.77	20.13	16.57	16.28	18.65	24.07
2049	27.27	23.18	13.46	13.14	6.59	5.18	14.12	20.63	16.98	16.69	19.11	24.66

	TABLE 7a											
	Renewable Avoided Costs											
	Renewable Fixed Price Option for Solar QF											
On-Peak Forecast (\$/MWH)												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	54.76	70.07	147.15	205.35	155.32	79.77	95.08	136.94
2025	140.45	118.77	82.74	64.10	53.53	55.61	140.61	181.74	146.77	89.26	99.63	116.76
2026	55.53	51.63	45.14	41.78	39.88	40.25	55.56	62.96	56.67	46.31	48.18	51.26
2027	56.71	52.73	46.10	42.67	40.73	41.11	56.74	64.31	57.88	47.30	49.21	52.36
2028	57.85	53.79	47.04	43.55	41.57	41.96	57.88	65.58	59.03	48.26	50.21	53.41
2029	59.16	55.00	48.09	44.51	42.49	42.89	59.19	67.08	60.37	49.34	51.33	54.61
2030	60.21	55.96	48.90	45.25	43.18	43.59	60.24	68.30	61.45	50.18	52.21	55.57
2031	61.50	57.16	49.95	46.22	44.10	44.52	61.53	69.76	62.76	51.25	53.33	56.76
2032	62.49	58.07	50.73	46.93	44.78	45.20	62.53	70.91	63.78	52.06	54.17	57.66
2033	64.15	59.62	52.10	48.21	46.01	46.44	64.18	72.77	65.47	53.46	55.63	59.20
2034	65.64	61.02	53.34	49.36	47.11	47.55	65.67	74.44	66.99	54.73	56.94	60.59
2035	66.91	62.19	54.35	50.29	47.99	48.44	66.95	75.90	68.29	55.77	58.03	61.76
2036	68.13	63.32	55.33	51.20	48.85	49.31	68.16	77.28	69.53	56.77	59.07	62.87
2037	69.80	64.87	56.69	52.46	50.06	50.53	69.84	79.18	71.23	58.17	60.53	64.42
2038	71.29	66.26	57.90	53.58	51.13	51.61	71.32	80.87	72.75	59.41	61.82	65.79
2039	72.81	67.67	59.14	54.72	52.22	52.71	72.85	82.59	74.31	60.68	63.14	67.20
2040	74.27	69.04	60.34	55.85	53.29	53.80	74.31	84.23	75.79	61.91	64.42	68.55
2041	75.95	70.59	61.69	57.08	54.47	54.98	75.99	86.15	77.51	63.30	65.86	70.09
2042	77.57	72.10	63.00	58.30	55.63	56.16	77.61	87.99	79.16	64.65	67.27	71.59
2043	79.22	73.63	64.35	59.54	56.82	57.35	79.26	89.87	80.85	66.03	68.70	73.12
2044	80.66	74.97	65.51	60.61	57.84	58.38	80.70	91.50	82.32	67.22	69.94	74.44
2045	82.80	76.96	67.28	62.27	59.42	59.98	82.84	93.90	84.49	69.03	71.82	76.42
2046	84.40	78.45	68.55	63.44	60.53	61.10	84.45	95.74	86.14	70.34	73.19	77.90
2047	86.20	80.12	70.01	64.79	61.82	62.41	86.25	97.78	87.98	71.84	74.75	79.56
2048	87.76	81.57	71.28	65.95	62.93	63.53	87.81	99.56	89.57	73.14	76.10	81.00
2049	89.92	83.58	73.03	67.58	64.49	65.10	89.97	102.00	91.77	74.94	77.98	82.99

	TABLE 7b											
	Renewable Avoided Costs											
	Renewable Fixed Price Option for Solar QF											
	Off-Peak Forecast (\$/MWH)											
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	0.00	0.00	0.00	0.00	38.93	40.97	62.41	81.81	70.58	65.48	76.71	106.31
2025	110.32	96.35	63.14	62.03	39.65	34.85	65.38	87.65	75.17	74.17	82.46	101.43
2026	17.52	15.01	9.03	8.83	4.80	3.93	9.43	13.44	11.19	11.02	12.51	15.92
2027	17.90	15.33	9.22	9.02	4.90	4.02	9.63	13.73	11.43	11.25	12.77	16.26
2028	18.22	15.61	9.38	9.18	4.98	4.09	9.80	13.98	11.64	11.45	13.00	16.56
2029	18.67	15.99	9.62	9.41	5.11	4.19	10.05	14.32	11.93	11.74	13.32	16.96
2030	18.86	16.12	9.61	9.40	5.01	4.07	10.05	14.42	11.97	11.78	13.40	17.12
2031	19.26	16.47	9.82	9.60	5.12	4.16	10.27	14.72	12.23	12.03	13.68	17.48
2032	19.61	16.76	9.99	9.77	5.21	4.23	10.45	14.99	12.44	12.24	13.93	17.80
2033	20.09	17.18	10.24	10.01	5.34	4.34	10.71	15.36	12.75	12.55	14.27	18.23
2034	20.52	17.54	10.46	10.23	5.45	4.43	10.94	15.69	13.03	12.81	14.58	18.62
2035	20.96	17.92	10.68	10.44	5.57	4.53	11.17	16.02	13.30	13.09	14.89	19.02
2036	21.34	18.24	10.87	10.63	5.66	4.60	11.37	16.31	13.54	13.32	15.16	19.36
2037	21.86	18.69	11.15	10.89	5.81	4.72	11.65	16.71	13.88	13.65	15.53	19.84
2038	22.33	19.09	11.38	11.13	5.93	4.82	11.90	17.07	14.17	13.94	15.86	20.26
2039	22.80	19.49	11.63	11.36	6.06	4.92	12.16	17.43	14.48	14.24	16.20	20.70
2040	23.21	19.84	11.83	11.56	6.16	5.00	12.37	17.74	14.73	14.49	16.49	21.07
2041	23.79	20.33	12.13	11.85	6.32	5.14	12.68	18.18	15.10	14.85	16.90	21.59
2042	24.29	20.77	12.39	12.11	6.46	5.25	12.95	18.57	15.42	15.17	17.26	22.05
2043	24.81	21.21	12.65	12.36	6.60	5.36	13.23	18.97	15.75	15.49	17.63	22.52
2044	25.26	21.59	12.87	12.58	6.71	5.44	13.46	19.31	16.03	15.77	17.94	22.93
2045	25.88	22.13	13.20	12.90	6.88	5.59	13.80	19.79	16.43	16.16	18.39	23.49
2046	26.43	22.60	13.48	13.17	7.03	5.71	14.09	20.21	16.78	16.51	18.78	23.99
2047	27.00	23.08	13.76	13.45	7.18	5.83	14.39	20.64	17.14	16.86	19.18	24.50
2048	27.49	23.50	14.01	13.69	7.30	5.92	14.65	21.01	17.44	17.16	19.52	24.95
2049	28.16	24.08	14.36	14.03	7.49	6.08	15.01	21.53	17.88	17.59	20.01	25.56

	TABLE 8a											
	Renewable Avoided Costs											
	Renewable Fixed Price Option for Solar + Storage QF											
	Premium-Peak Forecast (\$/MWH)											
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	252.49	89.64	73.30	70.75	57.48	72.79	149.87	208.07	158.04	82.49	97.81	139.67
2025	143.23	121.55	85.52	66.89	56.31	58.39	143.39	184.52	149.55	92.04	102.42	119.54
2026	86.58	86.58	86.58	86.58	86.58	86.58	86.58	86.58	86.58	86.58	86.58	86.58
2027	88.42	88.42	88.42	88.42	88.42	88.42	88.42	88.42	88.42	88.42	88.42	88.42
2028	90.26	90.26	90.26	90.26	90.26	90.26	90.26	90.26	90.26	90.26	90.26	90.26
2029	92.48	92.48	92.48	92.48	92.48	92.48	92.48	92.48	92.48	92.48	92.48	92.48
2030	93.99	93.99	93.99	93.99	93.99	93.99	93.99	93.99	93.99	93.99	93.99	93.99
2031	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00
2032	97.99	97.99	97.99	97.99	97.99	97.99	97.99	97.99	97.99	97.99	97.99	97.99
2033	100.14	100.14	100.14	100.14	100.14	100.14	100.14	100.14	100.14	100.14	100.14	100.14
2034	102.55	102.55	102.55	102.55	102.55	102.55	102.55	102.55	102.55	102.55	102.55	102.55
2035	104.46	104.46	104.46	104.46	104.46	104.46	104.46	104.46	104.46	104.46	104.46	104.46
2036	106.63	106.63	106.63	106.63	106.63	106.63	106.63	106.63	106.63	106.63	106.63	106.63
2037	108.96	108.96	108.96	108.96	108.96	108.96	108.96	108.96	108.96	108.96	108.96	108.96
2038	111.28	111.28	111.28	111.28	111.28	111.28	111.28	111.28	111.28	111.28	111.28	111.28
2039	113.66	113.66	113.66	113.66	113.66	113.66	113.66	113.66	113.66	113.66	113.66	113.66
2040	116.33	116.33	116.33	116.33	116.33	116.33	116.33	116.33	116.33	116.33	116.33	116.33
2041	118.56	118.56	118.56	118.56	118.56	118.56	118.56	118.56	118.56	118.56	118.56	118.56
2042	121.09	121.09	121.09	121.09	121.09	121.09	121.09	121.09	121.09	121.09	121.09	121.09
2043	123.67	123.67	123.67	123.67	123.67	123.67	123.67	123.67	123.67	123.67	123.67	123.67
2044	126.24	126.24	126.24	126.24	126.24	126.24	126.24	126.24	126.24	126.24	126.24	126.24
2045	129.35	129.35	129.35	129.35	129.35	129.35	129.35	129.35	129.35	129.35	129.35	129.35
2046	131.76	131.76	131.76	131.76	131.76	131.76	131.76	131.76	131.76	131.76	131.76	131.76
2047	134.57	134.57	134.57	134.57	134.57	134.57	134.57	134.57	134.57	134.57	134.57	134.57
2048	137.36	137.36	137.36	137.36	137.36	137.36	137.36	137.36	137.36	137.36	137.36	137.36
2049	140.37	140.37	140.37	140.37	140.37	140.37	140.37	140.37	140.37	140.37	140.37	140.37

	TABLE 8b											
	Renewable Avoided Costs											
	Renewable Fixed Price Option for Solar + Storage QF											
	Off-Peak Forecast (\$/MWH)											
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2024	252.49	89.64	73.30	70.75	57.48	72.79	149.87	208.07	158.04	82.49	97.81	139.67
2025	143.23	121.55	85.52	66.89	56.31	58.39	143.39	184.52	149.55	92.04	102.42	119.54
2026	14.46	14.46	14.46	14.46	14.46	14.46	14.46	14.46	14.46	14.46	14.46	14.46
2027	14.77	14.77	14.77	14.77	14.77	14.77	14.77	14.77	14.77	14.77	14.77	14.77
2028	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04	15.04
2029	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41	15.41
2030	15.53	15.53	15.53	15.53	15.53	15.53	15.53	15.53	15.53	15.53	15.53	15.53
2031	15.86	15.86	15.86	15.86	15.86	15.86	15.86	15.86	15.86	15.86	15.86	15.86
2032	16.14	16.14	16.14	16.14	16.14	16.14	16.14	16.14	16.14	16.14	16.14	16.14
2033	16.54	16.54	16.54	16.54	16.54	16.54	16.54	16.54	16.54	16.54	16.54	16.54
2034	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89	16.89
2035	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25	17.25
2036	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56	17.56
2037	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
2038	18.38	18.38	18.38	18.38	18.38	18.38	18.38	18.38	18.38	18.38	18.38	18.38
2039	18.77	18.77	18.77	18.77	18.77	18.77	18.77	18.77	18.77	18.77	18.77	18.77
2040	19.11	19.11	19.11	19.11	19.11	19.11	19.11	19.11	19.11	19.11	19.11	19.11
2041	19.58	19.58	19.58	19.58	19.58	19.58	19.58	19.58	19.58	19.58	19.58	19.58
2042	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
2043	20.43	20.43	20.43	20.43	20.43	20.43	20.43	20.43	20.43	20.43	20.43	20.43
2044	20.80	20.80	20.80	20.80	20.80	20.80	20.80	20.80	20.80	20.80	20.80	20.80
2045	21.31	21.31	21.31	21.31	21.31	21.31	21.31	21.31	21.31	21.31	21.31	21.31
2046	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76	21.76
2047	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23	22.23
2048	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63	22.63
2049	23.19	23.19	23.19	23.19	23.19	23.19	23.19	23.19	23.19	23.19	23.19	23.19

WIND AND SOLAR INTEGRATION

TABLE 9									
Integration Costs									
Year	Wind	Solar							
2024	2.46	2.72							
2025	2.52	2.78							
2026	2.57	2.84							
2027	2.62	2.90							
2028	2.68	2.96							
2029	2.74	3.03							
2030	3.90	3.30							
2031	3.98	3.37							
2032	4.07	3.44							
2033	4.15	3.52							
2034	4.24	3.59							
2035	4.33	3.67							
2036	4.43	3.75							
2037	4.52	3.83							
2038	4.62	3.91							
2039	4.72	3.99							
2040	4.82	4.08							
2041	4.92	4.16							
2042	5.02	4.25							
2043	5.13	4.34							
2044	5.24	4.43							
2045	5.35	4.53							
2046	5.47	4.63							
2047	5.58	4.72							
2048	5.70	4.83							
2049	5.82	4.93							

3. As-Available Rate

The As-Available Rate is based on the Avoided Energy Cost for surplus energy at the time of delivery. The As-Available Rate is equal to the Avoided Energy Cost. The Company will purchase As-Available Energy at the As-Available Rate.

MONTHLY SERVICE CHARGE

Each separately metered QF will be charged a Monthly Service Charge as set forth in Schedule 300 pursuant to Docket No. UE 416 effective January 1, 2024.

INSURANCE REQUIREMENTS

The following insurance requirements are applicable to Sellers with a Standard PPA:

- 1) QFs with nameplate capacity ratings greater than 200 kW are required to secure and maintain a prudent amount of general liability insurance. The Seller must certify to the Company that it is maintaining general liability insurance coverage for each QF at prudent amounts. A prudent amount will be deemed to mean liability insurance coverage for both bodily injury and property damage liability in the amount of not less than \$1,000,000 each occurrence combined single limit, which limits may be required to be increased or decreased by the Company as the Company determines in its reasonable judgment, that economic conditions or claims experience may warrant.
- Such insurance will include an endorsement naming the Company as an additional insured insofar as liability arising out of operations under this schedule and a provision that such liability policies will not be canceled or their limits reduced without 30 days' written notice to the Company. The Seller will furnish the Company with certificates of insurance together with the endorsements required herein. The Company will have the right to inspect the original policies of such insurance.
- 3) QFs with a design capacity of 200 kW or less are encouraged to pursue liability insurance on their own. The Oregon Public Utility Commission in Order No. 05-584 determined that it is inappropriate to require QFs that have a design capacity of 200 kW or less to obtain general liability insurance.

TRANSMISSION AGREEMENTS

If the QF is located outside the Company's service territory, the Seller is responsible for the transmission of power at its cost to the Company's service territory.

INTERCONNECTION REQUIREMENTS

Except as otherwise provided in a generation Interconnection Agreement between the Company and Seller, if the QF is located within the Company's service territory, switching equipment capable of isolating the QF from the Company's system will be accessible to the Company at all times. At the Company's option, the Company may operate the switching equipment described above if, in the sole opinion of the Company, continued operation of the QF in connection with the utility's system may create or contribute to a system emergency.

[THIS SHEET UPDATED AND EFFECTIVE JANUARY 1, 2024]

INTERCONNECTION REQUIREMENTS (Continued)

The QF owner interconnecting with the Company's distribution system must comply with all requirements for interconnection as established pursuant to Commission rule, in the Company's Rules and Regulations (Rule C) or the Company's Interconnection Procedures contained in its FERC Open Access Transmission Tariff (OATT), as applicable. The Seller will bear full responsibility for the installation and safe operation of the interconnection facilities.

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD FIXED PRICE OPTION OR THE RENEWABLE FIXED PRICE OPTION UNDER THE STANDARD PPA

A QF will be eligible to receive the Standard Fixed Price Option or the Renewable Fixed Price Option (as appropriate) under the Standard PPA if the nameplate capacity rating of the QF, together with any other electric generating facility using the same motive force, owned or controlled by the Same Person(s) or Affiliated Person(s), and located at the Same Site, does not exceed 3 MW for solar and solar-plus-storage QF projects or 10 MW for all other types of QF projects. Solar and solar-plus-storage QF projects with nameplate capacity rating (as calculated in this paragraph) that exceed 3 MW but do not exceed 10 MW are eligible for a Standard PPA containing negotiated prices under Schedule 202. A Community-Based or Family-Owned QF is exempt from these restrictions.

Definition of Community-Based

- a. A community project (or a community sponsored project) must have a recognized and established organization located within the county of the project or within 50 miles of the project that has a genuine role in helping the project be developed and must have some not insignificant continuing role with or interest in the project after it is completed and placed in service.
- b. After excluding the passive investor whose ownership interests are primarily related to green tag values and tax benefits as the primary ownership benefit, the equity (ownership) interests in a community sponsored project must be owned in substantial percentage (80 percent or more) by the following persons (individuals and entities): (i) the sponsoring organization, or its controlled affiliates; (ii) members of the sponsoring organization (if it is a membership organization) or owners of the sponsorship organization (if it is privately owned); (iii) persons who live in the county in which the project is located or who live a county adjoining the county in which the project is located; or (iv) units of local government, charities, or other established nonprofit organizations active either in the county in which the project is located or active in a county adjoining the county in which the project is located.

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD FIXED PRICE OPTION OR THE RENEWABLE FIXED PRICE OPTION UNDER THE STANDARD PPA (Continued)

Definition of Family-Owned

After excluding the ownership interest of the passive investor whose ownership interests are primarily related to green tag values and tax benefits as the primary ownership benefit, five or fewer individuals own 50 percent or more of the equity of the project entity, or fifteen or fewer individuals own 90 percent or more of the project entity. A "look through" rule applies to closely held entities that hold the project entity, so that equity held by LLCs, trusts, estates, corporations, partnerships or other similar entities is considered held by the equity owners of the look through entity. An individual is a natural person. In counting to five or fifteen, spouses or children of an equity owner of the project owner who also have an equity interest are aggregated and counted as a single individual.

Definition of Person(s) or Affiliated Person(s)

As used above, the term "Same Person(s)" or "Affiliated Person(s)" means a natural person or persons or any legal entity or entities sharing common ownership, management or acting jointly or in concert with or exercising influence over the policies or actions of another person or entity. However, two facilities will not be held to be owned or controlled by the Same Person(s) or Affiliated Person(s) solely because they are developed by a single entity.

Furthermore, two facilities will not be held to be owned or controlled by the Same Person(s) or Affiliated Person(s) if such common person or persons is a "passive investor" whose ownership interest in the QF is primarily related to utilizing production tax credits, green tag values and MACRS depreciation as the primary ownership benefit and the facilities at issue are independent family-owned or community-based projects. A unit of Oregon local government may also be a "passive investor" in a community-based project if the local governmental unit demonstrates that it will not have an equity ownership interest in or exercise any control over the management of the QF and that its only interest is a share of the cash flow from the QF, which share will not exceed 20%. The 20% cash flow share limit may only be exceeded for good cause shown and only with the prior approval of the Commission.

Definition of Same Site

For purposes of the foregoing, generating facilities are considered to be located at the same site as the QF for which qualification for standard pricing or negotiated pricing under the Standard PPA is sought if they are located within a five-mile radius of any generating facilities or equipment providing fuel or motive force associated with the QF for which qualification for standard pricing or negotiated pricing under the Standard PPA is sought.

DEFINITION OF A SMALL COGENERATION FACILITY OR SMALL POWER PRODUCTION FACILITY ELIGIBLE TO RECEIVE THE STANDARD FIXED PRICE OPTION OR THE RENEWABLE FIXED PRICE OPTION UNDER THE STANDARD PPA (Continued)

Definition of Shared Interconnection and Infrastructure

QFs otherwise meeting the above-described separate ownership test and thereby qualified for entitlement to standard pricing or negotiated pricing under the Standard PPA will not be disqualified by utilizing an interconnection or other infrastructure not providing motive force or fuel that is shared with other QFs qualifying for standard pricing or negotiated pricing under the Standard PPA so long as the use of the shared interconnection complies with the interconnecting utility's safety and reliability standards, interconnection agreement requirements and Prudent Electrical Practices as that term is defined in the interconnecting utility's approved Standard PPA.

OTHER DEFINITIONS

As-Available Energy

As-Available Energy means 1) all Net Output delivered to PGE if Seller elected the As-Available Rate option within a Standard PPA, or 2) (a) all Net Output delivered prior to the Commercial Operation Date; (b) all Net Output deliveries greater than Maximum Net Output in any Contract Year as defined under the Standard PPA year; and (c) for deliveries above the nameplate capacity rating in any hour.

Deliveries pursuant to an Off-System PPA that are above the nameplate capacity rating in any hour solely for the purpose of accommodating hourly scheduling in whole megawatts by a third-party transmission provider will not be subject to the As-Available Rate.

Mid-C Index Price

As used in this schedule, the daily Mid-C Index Price shall be the applicable day-ahead Intercontinental Exchange ("ICE") Mid-C Physical Peak (bilateral) or Mid-C Physical Off-Peak (bilateral) indices representative of the OTC market for WSPP Schedule-C physical Firm Energy transactions at the Mid-C trading hub. Product details for the Mid-C Physical Peak (bilateral) or Mid-C Physical Off-Peak (bilateral) are found on the following website: https://www.theice.com/products/OTC/Physical-Energy/Electricity. In the event ICE no longer publishes this index, PGE and the Seller agree to select an alternative successor index representative of the Mid-C trading hub.

OTHER DEFINITIONS (Continued)

Avoided Energy Cost:

The Avoided Energy Cost means eighty-two and four tenths percent (82.4%) of the monthly arithmetic average of each day's ICE Mid-C Physical Peak (bilateral) and Mid-C Physical Off-Peak (bilateral) average index prices. Each day's index prices will reflect the relative proportions of peak hours and off-peak hours in the month as follows:

```
.824 * (\sum_{X=1}^{n} {(ICE Mid-C Physical Peak (bilateral) Avg<sub>x</sub> * applicable peak index hours for day) + (ICE Mid-C Physical Off-Peak (bilateral) Avg<sub>x</sub> * applicable off-peak index hours for day)} / (n*24)) where n = number of days in the month
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Definition of RPS Attributes

As used in this schedule, RPS Attributes means all attributes related to the Net Output generated by the Facility that are required in order to provide PGE with "qualifying electricity," as that term is defined in Oregon's Renewable Portfolio Standard Act, Ore. Rev. Stat. 469A.010, in effect at the time of execution of this Agreement. RPS Attributes do not include Environmental Attributes that are greenhouse gas offsets from methane capture not associated with the generation of electricity and not needed to ensure that there are zero net emissions associated with the generation of electricity.

Definition of Environmental Attributes

As used in this schedule, Environmental Attributes shall mean any and all claims, credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, resulting from the avoidance of the emission of any gas, chemical, or other substance to the air, soil or water. Environmental Attributes include but are not limited to: (1) any avoided emissions of pollutants to the air, soil, or water such as (subject to the foregoing) sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO), and other pollutants; and (2) any avoided emissions of carbon dioxide (CO2), methane (CH4), and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere.

Definition of Resource Sufficiency Period

This is the period from the current year through 2025.

Definition of Resource Deficiency Period

This is the period from 2026.

OTHER DEFINITIONS (Continued)

Definition of Renewable Resource Sufficiency Period

This is the period from the current year through 2025.

Definition of Renewable Resource Deficiency Period

This is the period from 2026.

DISPUTE RESOLUTION

Upon request, the QF will provide the purchasing utility with documentation verifying the ownership, management and financial structure of the QF in reasonably sufficient detail to allow the utility to make an initial determination of whether or not the QF meets the above-described criteria for entitlement to standard pricing or negotiated pricing under the Standard PPA.

The QF may present disputes to the Commission for resolution using the following process:

The QF may file a complaint asking the Commission to adjudicate disputes regarding the formation of the standard contract. The QF may not file such a complaint during any 15-day period in which the utility has the obligation to respond, but must wait until the 15-day period has passed.

The utility may respond to the complaint within ten days of service.

The Commission will limit its review to the issues identified in the complaint and response, and utilize a process similar to the arbitration process adopted to facilitate the execution of interconnection agreements among telecommunications carriers. See OAR 860, Division 016. The administrative law judge will not act as an arbitrator.

SPECIAL CONDITIONS

- 1. Delivery of energy by Seller will be at a voltage, phase, frequency, and power factor as specified by the Company.
- 2. If the Seller also receives retail Electricity Service from the Company at the same location, any payments under this schedule will be credited to the Seller's retail Electricity Service bill. At the option of the Customer, any net credit over \$10.00 will be paid by check to the Customer.
- 3. Unless required by state or federal law, if the 1978 Public Utility Regulatory Policies Act (PURPA) is repealed, PPAs entered into pursuant to this schedule will not terminate prior to the Standard or Negotiated PPA's termination date.

SCHEDULE 201 (Concluded)

TERM OF AGREEMENT

Not less than one year and not to exceed 20 years from the commercial operation date selected by the Seller and memorialized in the PPA.