	SCHEDULE 91	
	PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS	(C)
	(Single Phase or Three Phase)	
1.	AVAILABILITY:	(T)
	A. This schedule applies to any person or entity, hereinafter referred to as the Customer-	(T)
	Generator, who owns (or leases) and operates a Qualifying Facility ("QF") that are located	(C)
	within the Company's electric service area, the Net Output of which is offered to the	(C)
	<ul> <li>Company pursuant to WAC 480-107-095(2) and is of five (5) MW or less.</li> <li>B. Customer-Generators are required to enter into a written Power Purchase Agreement for the sale of Net Output and for interconnection to the Company's electric distribution system prior to interconnection in the form set forth in Attachment A to this Schedule (the "Power Purchase Agreement").</li> </ul>	(T)
	<ul> <li>C. Customer-Generators are Customers and must comply with all of the Terms and Conditions contained in this Schedule.</li> </ul>	(T)
2.	<b>MONTHLY RATE:</b> A basic charge equal to the basic charge or minimum Demand charge of an electric service schedule as listed below will be paid by the Customer-Generator to the Company. This will be in addition to the basic charge for electric service at the Customer-Generator's facility	(T)

This will be in addition to the basic charge for electric service at the Customer-Generator's facilit as specified in the Company's applicable tariff. The Voltage of Connection is the same as the voltage at the Point of Delivery.

Nameplate

Size of Generator	Voltage of Connection	Basic Charge equal to
50 kW or less	less than 600 V	Schedule 24 basic charge
51 kW to 350 kW	less than 600 V	Schedule 25 basic charge
More than 350	less than 600 V	Schedule 26 basic charge
0 kW or more	600 V to 49,999 V	Schedule 31 basic charge
0 kW or more	50,000 V or more	Schedule 49 minimum Demand

(Continued on Sheet No. 91-A)

Effective: October 11, 2019

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Julilia By:

Issued By Puget Sound Energy Jon Piliaris Title: Di

J

<u>WN U-60</u>

## PUGET SOUND ENERGY **Electric Tariff G**

Ρl	SCHEDULE 91 JRCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued) (Single Phase or Three Phase)		(C)
3.	<b>STANDARD RATES FOR PURCHASE OF NET OUTPUT:</b> For the term of the Power Purchase Agreement, the monthly rate per MWh which the Company will pay for Net Output supplied to the Company by the Customer-Generator will be the Fixed Rates per MWh as specified in the applicable tables in the section 4 below.	ר)	(C) I I (C)
	These Fixed Rates shall apply during each respective year for the term of the Power Purchase Agreement regardless of any revision in this schedule. The Fixed Rates in effect on the date the Power Purchase Agreement is fully executed shall be attached as an exhibit to the Power Purchase Agreement to reflect the rates to be paid during each year of the term of the Power Purchase Agreement.	(D)               	(C) (C)
		(D)	

(Continued on Sheet No. 91-B)

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Julilia

By:

Effective: October 11, 2019

**Issued By Puget Sound Energy** Jon Piliaris

<u>WN U-60</u>

#### PUGET SOUND ENERGY Electric Tariff G

SCHEDULE 91 PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued) (Single Phase or Three Phase)											
STANDARD R			D DECEMBE	ER 31, 202	20:	S ENTERED	(D)   				
	Not Output			bo pala li	nonuny.		I				
A. Fixed Rate	s for Baseload	d RCW 80.80.0	040-Complian	t resource	e agreements	with a new	I				
QF:							I				
10/11/2019 – 12/31/2019	2020	2021	202	00	2023		1				
\$27.63	\$28.32	\$29.03	\$29.		\$30.50		1				
ψ27.00	Ψ20.02	ψ20.00	ψ20.	10	ψ00.00		1				
2024	2025	2026	202	27	2028	2029	I				
\$31.26	\$32.04	\$32.85	\$33.	67	\$34.51	\$35.37	I				
2030	2031	2032	203	33	2034	2035	1				
\$36.25	\$37.16	\$38.09	\$39.		\$40.02	\$41.02	- I				
<ul> <li>B. Fixed Rate existing QF</li> <li>10/11/2019 –</li> <li>12/31/2019</li> <li>\$27.14</li> </ul>		2021 \$28.52	)40-Complian 2022 \$29.2		e agreements 2023 \$29.96	with an 2024 \$30.71					
<b>ΦΖ</b> Ι.14	<b>⊅</b> 27.02	φ20.0Z	\$Z9.Z	3	\$29.90	\$30.7 I	I				
2025	2026	2027	2028		2029	2030	I				
\$31.48	\$32.26	\$33.07	\$33.9	0	\$34.74	\$35.61	I				
C. Fixed Rate QF: 10/11/2019 –	s for Baseload	d Non-RCW 80	).80.040-Com	ipliant res	ource agreem	ents with a	       (D)				
12/31/2019	2020	2021	2022	2023	2024	2025					

(Continued on Sheet No. 91-C)

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Effective: October 11, 2019

Julilia By:

Issued By Puget Sound Energy Jon Piliaris Title: Di

PU	SCHEDULE 91 PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued) (Single Phase or Three Phase)												
4.	4. STANDARD RATES FOR PURCHASE OF NET OUTPUT FOR AGREEMENTS ENTERED												
	INTO BETWEEN OCTOBER 11, 2019, AND DECEMBER 31, 2020: (Continued)												
	Net Output Fixed Rate – dollars per MWh – to be paid monthly:												
_							I						
D.	Fixed Rates for wi	nd resource a	greements wit	h a new QF:			1						
	10/11/2019 -						1	1					
	12/31/2019	2020	2021	2022	2023		1	1					
	\$23.41	\$24.00	\$24.60	\$25.21	\$25.84			i					
	<b>~-·</b> ···	<i><b>4</b></i>	<i>\</i>	<b>+-0</b> . <b>-</b> .	<i><i><i>v</i>=0.0.1</i></i>		I	Ī					
	2024	2025	2026	2027	2028	2029	Ι	I					
	\$26.49	\$27.15	\$27.83	\$28.53	\$29.24	\$29.97	(D)						
	2030	2031	2032	2033	2034	2035		I					
	\$30.72	\$31.49	\$32.28	\$33.08	\$33.91	\$34.76		Ι					
E.	Fixed Rates for win 10/11/2019 –	nd resource a	greements wit	h an existing C	QF:								
	12/31/2019	2020	2021	2022	2023	2024		·					
	\$23.44	\$24.03	\$24.63	\$25.25	\$25.88			I					
	Ŧ -	,	Ŧ - <b>-</b>	·		•		I					
	2025	2026	2027	2028	2029	2030		Ι					
	\$27.19	\$27.87	\$28.56	\$29.28	\$30.01	\$30.76		(N)					

(Continued on Sheet No. 91-D)

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Julilia

By:

Effective: October 11, 2019

Issued By Puget Sound Energy Jon Piliaris Title: Di

	11 60
WN	U-60

Pl	JRCHASES FROM		SCHEDUI FACILITIES C ngle Phase or T	OF FIVE MEGA	WATTS OR LES	<b>SS</b> (Continued)		(C)
4.	INTO BETWEEN	OCTOBER 11	, 2019, AND D		<b>2020:</b> (Continue		(K)     	(N)     
					e pala montiny.		·	I
	F. Fixed Rates	for solar resour	ce agreements	with an new QF	-		I	I
	11/1/2019		-				(K)	I
	12/31/2019	2020	2021	2022	2023		(K)	I
	\$22.71	\$23.28	\$23.86	\$24.46	\$25.07		I	I
	2024	2025	2026	2027	2028	2029	1	 
	\$25.70	\$26.34	\$27.00	\$27.67	\$28.36	\$29.07	1	1
	2030	2031	2032	2033	2034	2035	I I	I I
	\$29.80	\$30.54	\$31.31	\$32.09	\$32.89	\$33.71	I	· I
	+_0.00	<i></i>	<i><b>v</b></i> <b>vv</b> .	<i><b>↓∪</b>,</i>	<b>4</b> 02.00	<i><i>qooni</i></i>	I	Ι
	G. Fixed Rates	for solar resour	ce agreements	with an existing	QF:		I	Ι
	10/11/2019		-	_			I	Ι
	12/31/2019	2020	2021	2022	2023	2024	I	Ι
	\$22.83	\$23.40	\$23.98	\$24.58	\$25.20	\$25.83	I	Ι
							1	
	2025	2026	2027	2028	2029	2030	1	
	\$26.47	\$27.14	\$27.81	\$28.51	\$29.22	\$29.95	1	1
	LL Option for nu	wahaaaa of Not					1	1
	H. Option for pu		•	•	on for purchase	s at the time of	1	1
				• •	consistent with a		·	i i
	currently in e			y (your 2020), c			(K)	I
	•		30.040-Complia	nt: \$28.32/MW	ı		、 /	Ι
		Resource: \$24	•					Ι
	iii. Solai	r Resource: \$23	3.28/MWh					Ι
	iv. Base	load Non-RCW	/ 80.80.040-Cor	mpliant: \$25.89/	'MWh			(N)
(K)	) Transferred to Sh	eet No. 91-E a	nd 91-F, Respe	ctively				
					(Continu	ued on Sheet No.	91-E)	

Effective: October 11, 2019

**Issued:** August 9, 2019 **Advice No.:** 2019-30

By: Julilia

**Issued By Puget Sound Energy** 

Jon Piliaris

		SCHEDULE 91		
Ρl	JRC	HASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued)		(C)
		(Single Phase or Three Phase)		
5.	DE	FINITIONS:	(K)	(M) (T)
5.		The term "Qualifying Facility" ("QF") as used in this schedule shall have the same meaning	1	I (C)
	л.	as in Chapter 480-107-007 of the Washington Administrative Code.		(M)
	в	The term "Baseload" as used in this schedule shall have the same meaning as in Chapter		(N)
	υ.	RCW 80.80.010(4) of the Revised Code of Washington.		1
	C.	The term "Net Output" means all of the electrical capacity and energy produced by the QF,	I	Ι
		reduced by (i) any amounts of electrical capacity and energy, if any, used in connection with	I	Ι
		the operation of the QF (e.g. station and other onsite use), and (ii) any transformation and	Т	I
		transmission losses incurred between the QF and the Point of Delivery.	Ι	I
	D.	The term "Point of Delivery" means the point on the Company electric distribution system	Ι	Ι
		where Net Output from the QF is to be delivered to the Company.	I	(N)
			Ι	
6.	ΤE	RMS AND CONDITIONS:	Ι (	(M) (T)
	Α.	The Customer-Generator will be required to enter into a written Power Purchase Agreement	I	I (T)
		prior to interconnection of Company and Customer-Generator's facilities. The minimum term	I	I
		of the Power Purchase Agreement shall be five (5) years.	Ι (	(M)
	В.	As appropriate, the Power Purchase Agreements may be used by the Company in its	I.	(N)
		compliance with its Clean Energy Implementation Plan.	(K)	I
	C.	A new RCW 80.80.040-Compliant Qualifying Facility will execute a Power Purchase		Ι
		Agreement with Fixed Rates with a term of fifteen (15) years; the Power Purchase	(K)	Ι
		Agreement term will not be less than twelve (12) years from the commercial operation date.	(K)	I
		An existing RCW 80.80.040-Compliant Qualifying Facility will execute a Power Purchase		I
		Agreement with Fixed Rates with a term of ten (10) years. A Baseload RCW 80.80.040-Non-		I
		Compliant Qualifying Facility will execute a Power Purchase Agreement with Fixed Rates		I
		with a term of five (5) years.		I
	D.	With respect to the Fixed Rates in effect in a Power Purchase Agreement, there will be no		I
		amendments nor additions to those Fixed Rates during the term of the Power Purchase		Ι
		Agreement.		(N)

(M) Transferred From Sheet No. 91-D

(K) Transferred to Sheet No. 91-F and 91-J, Respectively

(Continued on Sheet No. 91-F)

Issued: August 9, 2019 Advice No.: 2019-30

Effective: October 11, 2019

By:

Julilin

**Issued By Puget Sound Energy** Jon Piliaris

Original Sheet No. 91-F

## PUGET SOUND ENERGY Electric Tariff G

PL	SCHEDULE 91 PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued) (Single Phase or Three Phase)								
6.	TEI	RMS AND CONDITIONS: (Continued)	(T)						
	E.	All costs of interconnection of the Customer-Generator's facilities with the Company's system will be borne by the Customer-Generator. Such costs will include the initial cost of interconnection and those costs incurred by the Company from time to time with respect to	(M)   	(T)					
		the Customer-Generator's facilities and the interconnection with the Company's system.	1						
		Interconnection shall comply with PSE's standards of interconnection. To the extent that	I						
		interconnection of the Project is provided for in Schedule 80 of this tariff, the terms and	1						
		provisions of such Schedule shall govern and control.	1						
	F.	The Customer-Generator shall indemnify and hold harmless the Company from any and all	1	(T)					
		liability arising from the operation and interconnection of the Customer-Generator's facilities.	1						
		The Company will require evidence of insurance to this effect.	I						
	G.	The Customer-Generator shall provide a lockable disconnect switch to isolate the Customer-	Ι	(T)					
		Generator's generation from the Company's system. Such switch shall be accessible to the	I						
		Company and the Company shall have the right to lock such disconnect switch open	I						
		whenever necessary to maintain safe electrical operating conditions, or whenever the	I						
		Customer-Generator's facilities adversely affect the Company's system.	I						
	Η.	Except for the metering, the Customer-Generator shall own and maintain all facilities on the	Ι	(T)					
		Customer-Generator's side of a single point of delivery as specified in the Power Purchase	Ι						
		Agreement or parallel operation agreement. The Customer-Generator's system, including	Ι						
		interconnecting equipment, shall be inspected and approved by the state electrical inspector	Ι						
		and any other public authority having jurisdiction before any connection is made to the	Ι						
		Company's system.	(M)						

(M) Transferred From Sheet No. 91-E

(Continued on Sheet No. 91-G)

Effective: October 11, 2019

**Issued:** August 9, 2019 **Advice No.:** 2019-30

By: Julilin

Issued By Puget Sound Energy Jon Piliaris Title: Director, Regulatory Affairs Original Sheet No. 91-G

# PUGET SOUND ENERGY Electric Tariff G

SCHEDULE 91 PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued) (Single Phase or Three Phase)									
6. <b>T</b>	ERMS AND CONDITIONS: (Continued)	(M) (T	Г)						
Ι.	The Company will purchase the entire output from the Customer-Generator's facility, or if the	I	(T)						
	Customer-Generator wishes to reduce their net delivery and billing from the Company, the	I	(C)						
	Company will purchase the net output from the Customer-Generator's facility. The metering	Ι							
	configuration to measure such purchases will be specified in the Power Purchase	Ι							
	Agreement. The Company may apply an adjustment factor to compensate for losses if the	I.							
	metering is installed at the Customer-Generator's facility.	I.							
J	In the event that the Customer-Generator does not provide for separate metering of	I	(T)						
	deliveries to the Company, the Customer-Generator will not be compensated for unmetered	I							
	incidental flows to the Company. The service meter in this instance shall be ratcheted to	I							
	prevent reverse registration, and no additional monthly basic charge will be applied.	I							
K	. Individual generator units larger than 7.5 KW shall be three phase unless otherwise agreed	I	(T)						
	to by the Company.	I							
L	The Customer-Generator shall provide the Company with verification that Customer-	I	(T)						
	Generator's facility has secured Qualifying Facility status from the Federal Energy	I.							
	Regulatory Commission.	I							
Ν	<ol> <li>Pursuant to the Power Purchase Agreement, the Customer-Generator shall offer the</li> </ol>	I	(T)						
	Company the right to purchase of the Renewable Energy Credits (as defined in Schedule	I.							
	135 of this tariff) associated with the energy produced by Customer-Generator's QF.	(M)	(C)						
Ν	. When the standard rates are based on the avoided capacity costs of an eligible		(N)						
	renewable resource as defined in RCW 19.285.030, the Company shall receive all the		I						
	renewable energy certificates produced by the QF at no additional cost to the Company.		(N)						

(M) Transferred From Sheet No. 91-E

(Continued on Sheet No. 91-H)

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Julilia By:

Issued By Puget Sound Energy Jon Piliaris Title: Director, Regulatory Affairs

Effective: October 11, 2019

Original Sheet No. 91-H

### PUGET SOUND ENERGY Electric Tariff G

I	SCHEDULE 91 PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued) (Single Phase or Three Phase)													(N)   
7	<ol> <li>SCHEDULE OF ESTIMATED AVOIDED COST: This Schedule of Estimated Avoided Cost, as prescribed in WAC 480-106-040, identifies the estimated avoided cost and does not provide a guaranteed contract price for electricity. The standard Fixed Rates for purchases from qualifying facilities under this schedule are in section 4. The Schedule only identifies general information to potential bidders about the avoided costs. The Schedule of Estimated Avoided includes the following two tables:</li> <li>A. Table No. 1: 2019-2039 Avoided Energy Costs based on the current forecast of market prices for the Mid-C Market in PSE's Draft 2019 Integrated Resource Plan as of August 9, 2019.</li> </ol>													
2019-2039 Avoided Energy Costs based on the current forecast of market prices for the Mid-C Market in PSE's 2019 Integrated Resource Plan as of August 9, 2019														
	lan	E . h	Man	<b>A</b>	N 4		al \$/MW	,	Car	0-4	Next	Dee	Avg.	i
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	1
2019	32.32	32.31	23.64	19.78	13.31	16.52	22.66	24.54	25.87	24.56	24.79	27.48	23.98	
2020	25.94	26.26	21.04	17.86	13.07	14.56	20.47	23.30	24.06	23.82	23.61	24.97	21.58	
2021	23.41	24.05	19.17	15.62	10.92	12.37	19.40	22.33 21.53	23.71	24.41	23.52	24.65	20.30	
2022 2023	22.37 21.22	23.22 22.30	17.52 15.50	14.61 13.99	9.40 10.21	9.94 9.65	17.85 17.91	21.53	23.04 23.38	23.15 23.10	22.14 21.97	24.19 24.02	19.08 18.72	
2023	21.22	22.30	15.50	13.99	8.37	9.65	17.91	21.41	25.30	25.10	23.81	24.02	19.57	
2024	22.18	24.74	15.64	16.00	9.01	11.43	18.30	22.43	27.54	26.57	23.81	27.13	20.62	
2025	23.48	26.52	17.43	17.39	10.22	11.45	19.42	26.02	28.95	28.87	26.17	28.65	22.05	
2020	25.07	27.79	17.62	17.30	10.22	11.08	21.51	27.23	30.92	30.70	28.12	30.59	23.17	
2028	25.21	27.81	16.86	17.36	10.26	11.59	22.96	27.96	31.49	30.87	27.71	31.63	23.48	
2029	24.36	29.53	17.06	19.66	10.30	10.95	22.08	29.15	33.17	29.94	25.99	32.39	23.72	
2030	25.09	29.38	16.58	18.18	9.85	11.24	22.29	28.79	33.89	32.34	28.98	33.05	24.14	
2031	25.49	29.93	17.28	18.10	10.51	11.78	23.12	30.02	35.11	31.46	28.03	33.80	24.55	
2032	25.67	30.75	17.65	20.12	12.56	11.98	25.41	31.25	34.87	34.97	31.55	36.27	26.09	
2033	26.83	32.50	18.68	19.59	12.34	12.72	28.22	32.20	37.21	37.65	35.36	38.45	27.65	
2034	28.59	34.47	19.43	20.56	13.72	13.79	31.58	34.50	40.27	39.42	35.53	42.03	29.49	1
2035	30.76	38.55	20.22	24.47	15.43	15.35	33.43	38.87	44.40	39.88	34.61	42.97	31.58	1
2036	31.01	39.11	20.78	22.75	13.80	14.85	32.56	40.71	45.64	43.11	38.46	45.97	32.39	1
2037	32.88	41.05	21.12	22.42	14.17	15.15	33.71	41.55	47.79	43.60	36.45	48.28	33.18	1
2038	35.52	43.49	23.28	25.76	16.86	15.78	37.41	43.41	51.69	47.17	40.27	50.54	35.93	1
2039	36.88	45.29	22.84	24.74	15.37	15.77	38.15	42.47	53.51	51.72	43.46	52.70	36.91	(N)

(Continued on Sheet No. 91-I)

Effective: October 11, 2019

**Issued:** August 9, 2019 **Advice No.:** 2019-30

By: Julilin

Issued By Puget Sound Energy

Jon Piliaris

Original Sheet No. 91-I

### PUGET SOUND ENERGY Electric Tariff G

PUR	CHASES FROM Q		DULE 91 S OF FIVE MEGAWATTS	S OR LESS (Continued)	(N) I								
	(Single Phase or Three Phase)												
E	B. Table No. 2: 2019-2038 Avoided Capacity Costs as Estimated in PSE's 2017 Integrated												
	Resource Plan ("IRP") by Resource Type with the January 12, 2018 Correction Filed with the												
	Washington Utilities and Transportation Commission under Dockets UE-160918 and UG-												
	160919, IRP acknowledged on July 8, 2019.												
Г	2019-2039 Avoided Capacity Costs as Estimated in PSE's 2017 Integrated Resource												
			January 12, 2018 Correct	-	1								
	· · ·	••	ommission under Docket N		1								
		•	owledged on July 8, 2019.		1								
					1								
-		Baseload Resource	nal \$/MW) Wind Resource	Solar Resource	1								
-	2019		\$0.00		1								
-	2019	\$0.01		\$0.00	1								
-		\$0.01	\$0.00	\$0.00									
-	2021         \$0.01         \$0.00         \$0.00           2022         \$0.37         \$0.06         \$0.01												
-	2022	\$10.62	\$0.06 \$1.70	\$0.01 \$0.21									
ŀ	2023	\$10.52	\$1.69	\$0.21									
F	2024	\$9.13	\$1.46	\$0.21									
	2026	\$9.13	\$1.46	\$0.18									
F	2020	\$9.19	\$1.47	\$0.18									
	2028	\$9.16	\$1.47	\$0.18									
F	2029	\$9.19	\$1.47	\$0.18									
F	2030	\$9.19	\$1.47	\$0.18									
-	2031	\$9.61	\$1.54	\$0.19	I								
-	2032	\$9.58	\$1.53	\$0.19	I								
F	2033	\$9.61	\$1.54	\$0.19	I								
F	2034	\$10.08	\$1.61	\$0.20	I								
	2035	\$10.08	\$1.61	\$0.20	I								
F	2036	\$10.37	\$1.66	\$0.21	I								
F	2037	\$10.40	\$1.66	\$0.21	I								
F	2038	\$10.40	\$1.66	\$0.21	I								
F	2039	\$10.40	\$1.66	\$0.21	(N)								
L		· I	1	(Continued on Sheet No.	01 1)								

(Continued on Sheet No. 91-J)

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Effective: October 11, 2019

By: Julilin

**Issued By Puget Sound Energy** 

Jon Piliaris

<u>WN U-60</u>

Original Sheet No. 91-J

# PUGET SOUND ENERGY Electric Tariff G

#### SCHEDULE 91

PURCHASES FROM QUALIFYING FACILITIES OF FIVE MEGAWATTS OR LESS (Continued)

(Single Phase or Three Phase)

 GENERAL RULES AND PROVISIONS: Service under this schedule is subject to the General (M) (T) Rules and Provisions contained in this tariff. (M)

(M) Transferred From Sheet No. 91-E

**Issued:** August 9, 2019 **Advice No.:** 2019-30

Julilia

By:

Effective: October 11, 2019

Issued By Puget Sound Energy Jon Piliaris Title: Di