

**EXH. JAP-5
DOCKETS UE-18___/UG-18___
2018 PSE EXPEDITED RATE FILING
WITNESS: JON A. PILIARIS**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

In the Matter of:

PUGET SOUND ENERGY

Expedited Rate Filing

**Docket UE-18___
Docket UG-18___**

**FOURTH EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED DIRECT TESTIMONY OF**

JON A. PILIARIS

ON BEHALF OF PUGET SOUND ENERGY

NOVEMBER 7, 2018

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE: The surcharge rate shown below and on the following sheets shall be added to the rate(s) shown on each schedule for electric service.

SCHEDULE 7

Basic Charge: \$0.00 per month single phase or \$0.00 per month three phase
Energy Charge: First 600 kWh \$0.001036 per kWh All kWh over 600 kWh \$0.001261 per kWh (I) (I)

SCHEDULE 7A & SCHEDULE 25

Basic Charge: \$0.37 per month (I)
Demand Charge: \$0.16 per kW of Billing Demand Apr-Sep I
Demand Charge: \$0.24 per kW of Billing Demand Oct-Mar I
Energy Charge first 20,000 kWh: \$0.000464 per kWh Apr-Sep \$0.000681 per kWh Oct-Mar (I) (I)
Energy Charge all over 20,000 kWh: \$0.00000
Reactive Power Charge: \$0.00008 per reactive kilovolt ampere-hour (kvarh) (I)

SCHEDULE 24*

Basic Charge: \$0.08 per month single phase or \$0.20 per month three phase (I) (I)
Energy Charge: \$0.000715 per kWh Apr-Sep \$0.000730 per kWh Oct-Mar (I) (I)

SCHEDULE 26*

Basic Charge: \$0.75 per month (I)
Demand Charge: \$0.05 per kW of Billing Demand Apr-Sep I
Demand Charge: \$0.08 per kW of Billing Demand Oct-Mar I
Energy Charge: \$0.000377 per kWh I
Reactive Power Charge: \$0.00001 per reactive kilovolt ampere-hour (kvarh) (I)

Adjustments for delivery at Primary Voltage: Basic Charge: \$1.68 per month (I)
Demand Charge: \$0.00 per kW to all Demand rates
Energy Charge: 0.00% reduction to all Energy and Reactive Power Charges

*Rate applies to the schedule(s) as well as equivalent schedules such as Residential and Farm Schedules.

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Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 29

Basic Charge: \$0.07 per month single phase or \$0.17 per month three phase	(I)	(I)
Demand Charge: \$0.03 per kW of Billing Demand Apr-Sep		I
Demand Charge: \$0.06 per kW of Billing Demand Oct-Mar		I
Energy Charge Apr-Sep: first 20,000 kWh \$0.000444, all over 20,000 kWh \$0.000381 per kWh	(I)	I
Energy Charge Oct-Mar: first 20,000 kWh \$0.000641, all over 20,000 kWh \$0.000487 per kWh	(I)	I
Reactive Power Charge: \$0.00002 per reactive kilovolt ampere-hour (kvarh)		(I)

SCHEDULE 31*

Basic Charge: \$2.43 per month		(I)
Demand Charge: \$0.05 per kW of Billing Demand Apr-Sep		I
Demand Charge: \$0.08 per kW of Billing Demand Oct-Mar		I
Energy Charge: \$0.000394 per kWh		I
Reactive Power Charge: \$0.00001 per reactive kilovolt ampere-hour (kvarh)		(I)

SCHEDULE 35

Basic Charge: \$2.43 per month		(I)
Demand Charge: \$0.05 per kW of Billing Demand Apr-Sep		I
Demand Charge: \$0.08 per kW of Billing Demand Oct-Mar		I
Energy Charge: \$0.000838 per kWh		I
Reactive Power Charge: \$0.00002 per reactive kilovolt ampere-hour (kvarh)		(I)

SCHEDULE 40

Basic Charge:		
Primary Voltage Metering Point: \$2.43 per month		(I)
Secondary Voltage Metering Points with annual peak Demand <= 350 kW: \$0.37 per month		I
Secondary Voltage Metering Points with annual peak Demand >350 kW: \$0.75 per month		(I)
Production and Transmission Charges:		
(a) Demand Charge: <u>JAN-DEC</u>		
High Voltage Metering Point - \$0.04 per kW of Coincident Billing Demand		(I)
Primary Voltage Metering Point - \$0.05 per kW of Coincident Billing Demand		I
Secondary Voltage Metering Point - \$0.04 per kW of Coincident Billing Demand		(I)

* Rate applies to the schedule(s) as well as equivalent schedules such as Residential and Farm Schedules.

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 40 (Continued)

Production and Transmission Charges (Continued):

(b) Energy Charge:

High Voltage Metering Point - \$0.000356 per kWh (I)
Primary Voltage Metering Point - \$0.000363 per kWh I
Secondary Voltage Metering Point - \$0.000378 per kWh (I)

Reactive Power Charge:

Primary Voltage Metering Point - \$0.00001 per reactive kilovolt ampere-hour (kvarh) (I)
Secondary Voltage Metering Point - \$0.00001 per reactive kilovolt ampere-hour (kvarh) (I)

Customer Specific Distribution Charges: - as determined based on tariff calculations

Interim Distribution Charges:

Primary Voltage Consumption - \$0.000000 per kWh
Secondary Voltage Consumption (>350 kW peak Demand): \$0.000000 per kWh
Secondary Voltage Consumption (<= 350 kW peak Demand): \$0.000000 per kWh

SCHEDULE 43

Basic Charge: \$2.43 per month (I)
Demand Charge: \$0.03 per kW of Billing Demand I
plus \$0.05 per kW of Critical Demand established in the preceding 11 months I
Energy Charge: \$0.000758 per kWh I
Reactive Power Charge: \$0.00002 per reactive kilovolt ampere-hour (kvarh) (I)

SCHEDULE 46

Demand Charge: \$0.02 per kVa of Billing Demand (T) (I)
Energy Charge: \$0.000356 per kWh (I)
Annual Minimum Charge:
Energy - \$0.000321 per kWh (I)
Demand - \$0.24 per kVa (N)

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULES 448, 449, 458 & 459

Customer Charge:

Primary Voltage \$20.00 per Month per metered Customer site (I)
High Voltage \$20.00 per Month per metered Customer site (I)

SCHEDULE 49

Demand Charge: \$0.04 per kVa of Billing Demand (T) (I)
Energy Charge: \$0.000356 per kWh (I)

SCHEDULE 50 – Customer-Owned Energy Only Compact Fluorescent Lighting Service (D) (N)

Lamp Wattage I I
22 Watts \$0.00 (D) (N)

SCHEDULE 50 – Customer-Owned Mercury Vapor Lighting Service

Lamp Wattage
100 Watts \$0.04 (I)
175 Watts \$0.05 I
400 Watts \$0.07 (I)

SCHEDULE 50 – Customer-Owned Energy Only Mercury Vapor Lighting Service

Lamp Wattage
100 Watts \$0.01 (I)
175 Watts \$0.01 I
400 Watts \$0.03 I
700 Watts \$0.06 (I)
(D)

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:


SCHEDULE 51 – LED (Light Emitting Diode) Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	<u>Lamp Wattage</u>	<u>Per Lamp</u>			
30-60 Watt	\$0.00				(C)	(C) (C)
		180.01-210 Watt	\$0.02		(C)	(I)
					(C)	
					(C)	
60.01-90 Watt	\$0.01				(I)	(C)
		210.01-240 Watt	\$0.02		(C)	(I)
					(C)	
					(C)	
90.01-120 Watt	\$0.01				(I)	(C)
		240.01-270 Watt	\$0.02		(C)	(I)
					(C)	
					(C)	
120.01-150 Watt	\$0.01				(I)	(C)
		270.01-300 Watt	\$0.02		(C)	(I)
					(C)	
					(C)	
150.01-180 Watt	\$0.01				(I)	(C) (C)
					(C)	
					(C) (C)	
						(T) (I)

SCHEDULE 51 – Facilities Charges – Option A: 0.001% Option B: 0.001%

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SCHEDULE 141

EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 52 – Sodium Vapor Lighting Service

Lamp Wattage

50 Watt	\$0.00	
70 Watt	\$0.01	(I)
100 Watt	\$0.01	I
150 Watt	\$0.01	I
200 Watt	\$0.02	I
250 Watt	\$0.02	I
310 Watt	\$0.03	I
400 Watt	\$0.03	(I)

SCHEDULE 52 – Metal Halide Lighting Service

Lamp Wattage

70 Watt	\$0.01	(I)
100 Watt	\$0.01	I
150 Watt	\$0.01	I
175 Watt	\$0.01	I
250 Watt	\$0.02	I
400 Watt	\$0.03	I
1000 Watt	\$0.08	(I)

SCHEDULE 52 – Facilities Charges – Option A: 0.004% Option B: 0.004%

(O) (I) (I)

SCHEDULE 53 – Sodium Vapor Lighting Service – Company-Owned

Lamp Wattage Company-Owned Customer-Owned

50 Watt	\$0.14	\$0.04	(I) (I)
70 Watt	\$0.15	\$0.04	I I
100 Watt	\$0.16	\$0.04	I I
150 Watt	\$0.17	\$0.04	I I
200 Watt	\$0.18	\$0.05	I I
250 Watt	\$0.19	\$0.05	I I
310 Watt	\$0.20	\$0.06	I I
400 Watt	\$0.22	\$0.07	I I
1000 Watt	\$0.35	\$0.12	(I) (I)

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SCHEDULE 141

EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 53 – Metal Halide Lighting Service – Company-Owned

<u>Lamp Wattage</u>	<u>Company-Owned</u>	<u>Customer Owned</u>	
70 Watt	\$0.19	\$0.07	(I) (I)
100 Watt	\$0.20	\$0.07	I I
150 Watt	\$0.21	\$0.08	(I) I
175 Watt		\$0.08	(D) I
250 Watt	\$0.23	\$0.09	(I) I
400 Watt	\$0.27	\$0.10	(I) (I)

SCHEDULE 53 – LED Lighting Service

Lamp Wattage

See Sheets 141-H and 141-I for Schedule 53 LED Lighting Rates

SCHEDULE 54 – Sodium Vapor Lighting Energy Service

Lamp Wattage

Dusk to Dawn

50 Watt	\$0.00	
70 Watt	\$0.01	(I)
100 Watt	\$0.01	I
150 Watt	\$0.01	I
200 Watt	\$0.02	I
250 Watt	\$0.02	I
310 Watt	\$0.03	I
400 Watt	\$0.03	I
1000 Watt	\$0.08	(I)

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 53 – Company-Owned LED (Light Emitting Diode) Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	<u>Lamp Wattage</u>	<u>Per Lamp</u>	
30-60 Watt	\$0.13			(C) (I) (C) (C)
		180.01-210 Watt	\$0.16	(C) (I)
				(C)
				(C)
60.01-90 Watt	\$0.14			(I) (C)
		210.01-240 Watt	\$0.16	(C) (I)
				(C)
				(C)
90.01-120 Watt	\$0.14			(I) (C)
		240.01-270 Watt	\$0.17	(C) (I)
				(C)
				(C)
120.01-150 Watt	\$0.15			(I) (C)
		270.01-300 Watt	\$0.17	(C) (I)
				(C)
				(C)
150.01-180 Watt	\$0.15			(I) (C) (C)
				(C)
				(C) (C)

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SCHEDULE 141

EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 53 – Customer-Owned LED (Light Emitting Diode) Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	<u>Lamp Wattage</u>	<u>Per Lamp</u>	
30-60 Watt	\$0.01			(C) (I) (C) (C)
		180.01-210 Watt	\$0.02	(C) (I)
				(C)
				(C)
60.01-90 Watt	\$0.01			(I) (C)
		210.01-240 Watt	\$0.03	(C) (I)
				(C)
				(C)
90.01-120 Watt	\$0.02			(I) (C)
		240.01-270 Watt	\$0.03	(C) (I)
				(C)
				(C)
120.01-150 Watt	\$0.02			(I) (C)
		270.01-300 Watt	\$0.03	(C) (I)
				(C)
				(C)
150.01-180 Watt	\$0.02			(I) (C) (C)
				(C)
				(C) (C)

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE:

SCHEDULE 54 – Customer-Owned LED (Light Emitting Diode) Lighting Energy Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	<u>Lamp Wattage</u>	<u>Per Lamp</u>			
30-60 Watt	\$0.00				(C)	(C) (C)
		180.01-210 Watt	\$0.02		(C)	(I)
						(C)
					(C)	
60.01-90 Watt	\$0.01				(I)	(C)
		210.01-240 Watt	\$0.02		(C)	(I)
						(C)
					(C)	
90.01-120 Watt	\$0.01				(I)	(C)
		240.01-270 Watt	\$0.02		(C)	(I)
						(C)
					(C)	
120.01-150 Watt	\$0.01				(I)	(C)
		270.01-300 Watt	\$0.02		(C)	(I)
						(C)
					(C)	
150.01-180 Watt	\$0.01				(I)	(C) (C)
					(C)	
					(C) (C)	

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE: (Continued)SCHEDULES 55 & 56 – Sodium Vapor Area Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	
70 Watt	\$0.15	(I)
100 Watt	\$0.16	I
150 Watt	\$0.17	I
200 Watt	\$0.18	I
250 Watt	\$0.19	I
400 Watt	\$0.22	(I)

SCHEDULES 55 & 56 – Metal Halide Area Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	
250 Watt	\$0.23	(I)

SCHEDULES 55 & 56 – Light Emitting Diode (LED) Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	<u>Lamp Wattage</u>	<u>Per Lamp</u>	
30.00 – 60	\$0.17			(C) (I) (C) (C)
				I (C) (C) (C)
		90.01 – 120	\$0.18	I I (N) (I)
				I I (C) (C)
		120.01 – 150	\$0.19	I I (N) (I)
		150.01 – 180	\$0.19	I (C) I I
60.01 – 90	\$0.18	180.01 – 210	\$0.20	I (I) I I
		210.01 – 240	\$0.20	I (C) I I
		240.01 – 270	\$0.21	I I I I
		270.01 – 300	\$0.21	(C) (C) (N) (I)

SCHEDULES 55 & 56 – Facilities Charge

Facilities installed prior to November 20, 1975: \$0.09 per month	(I)
Facilities installed after November 1, 1999: \$0.15 per month	(I)

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SCHEDULE 141

EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE: (Continued)

SCHEDULE 57 – Continuous Lighting Service

Monthly Rate per Watt of Connected Load:

\$0.00002

(N)

(N)

SCHEDULES 58 & 59 – Directional Sodium Vapor Flood Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>
70 Watt	\$0.15
100 Watt	\$0.16
150 Watt	\$0.17
200 Watt	\$0.18
250 Watt	\$0.19
400 Watt	\$0.22

(I)

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(I)

SCHEDULES 58 & 59 – Directional Metal Halide Flood Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>
175 Watt	\$0.22
250 Watt	\$0.23
400 Watt	\$0.27
1000 Watt	\$0.42

(I)

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(I)

SCHEDULES 58 & 59 – Horizontal Sodium Vapor Flood Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>
100 Watt	\$0.16
150 Watt	\$0.17
200 Watt	\$0.18
250 Watt	\$0.19
400 Watt	\$0.22

(I)

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(I)

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE: (Continued)

SCHEDULES 58 & 59 – Horizontal Metal Halide Flood Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	
250 Watt	\$0.23	(I)
400 Watt	\$0.27	(I)

SCHEDULES 58 & 59 – Light Emitting Diode (LED) Lighting Service

<u>Lamp Wattage</u>	<u>Per Lamp</u>	<u>Lamp Wattage</u>	<u>Per Lamp</u>	
30.00 – 60	\$0.17			(N) (I) (C) (C)
		400.01 – 500	\$0.24	(C) (C) (N) (I)
60.01 – 90	\$0.18	500.01 – 600	\$0.26	(N) (N) (N) (I)
				(C) (C) (C) (C)
				I I I I
				I I I I
				I I (C) (C)
		600.01 – 700	\$0.28	I I (N) (N)
		700.01 – 800	\$0.29	I I (N) (N)
				(C) (C) (C) (C)
90.01 – 120	\$0.18			(N) (N) I I
120.01 – 150	\$0.19			(N) (N) I I
				(C) (C) I I
150.01 – 180	\$0.19			(N) (N) I I
180.01 – 210	\$0.20			I I I I
210.01 – 240	\$0.20			I I I I
240.01 – 270	\$0.21			I I (C) (C)
270.01 – 300	\$0.21	800.01 – 900	\$0.31	I I (N) (I)
300.01 – 400	\$0.22			(N) (N)
				(C) (C)
				I I
				I I
				(C) (C)

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SCHEDULE 141
EXPEDITED RATE FILING RATE ADJUSTMENT (Continued)

MONTHLY RATE: (Continued)

SCHEDULES 58 & 59 – Facilities Charge – Facilities Installed after November 1, 1999: \$0.15 (O) (I)

ADJUSTMENTS: Rates in this schedule and those rates reflected in the schedules for electric service to which the surcharge in the Funding and Rate sections above apply, are subject to adjustment by such other schedules in this tariff as may apply.

GENERAL RULES AND PROVISIONS: Service under this schedule is subject to the General Rules and Provisions in this tariff (Schedule 80) as they may be modified from time to time and other schedules of such tariff that may from time to time apply as they may be modified from time to time.

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