EXHIBIT NO. \_\_\_(JAP-6) DOCKET NO. UE-11\_\_\_/UG-11\_\_\_ 2011 PSE GENERAL RATE CASE WITNESS: JON A. PILIARIS

# BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

Docket No. UE-11\_\_\_\_ Docket No. UG-11\_\_\_\_

PUGET SOUND ENERGY, INC.,

**Respondent.** 

FIFTH EXHIBIT (NONCONFIDENTIAL) TO THE PREFILED DIRECT TESTIMONY OF JON A. PILIARIS ON BEHALF OF PUGET SOUND ENERGY, INC.

JUNE 13, 2011

## PUGET SOUND ENERGY Electric Tariff G

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 7 RESIDENTIAL SERVICE

(Single phase or three phase where available)

AVAILABILITY:

- This schedule is limited to residential service, which means service that is delivered through one meter to a single-family unit and is used principally for domestic purposes, even though such service may incidentally be used for nondomestic purposes. Electric service for nondomestic use may be separately metered and served under the provisions of the applicable general service schedule, provided that such service does not include single-family units.
- 2. If this schedule is applied to transient occupancy in separately metered living units, billing shall be in the name of the owner on a continuous basis.
- 3. Single-phase motors rated greater than 7-1/2 HP shall not be served under this schedule except by the express written approval of the Company.
- 4. Space conditioning and water heating capacities shall be energized in increments of 6 KW or less by a thermostat, low voltage relay, or suitable time delay equipment.
- 5. Customers requiring three-phase service under this schedule will be required to contribute the incremental cost of three-phase facilities to provide such service.

MONTHLY RATE:

Basic Charge: \$7.86 single phase or \$18.88 three phase

Energy Charge:

9.2144¢ per kWh for the first 600 kWh 11.1641¢ per kWh for all over 600 kWh

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### PUGET SOUND ENERGY Electric Tariff G

#### **SCHEDULE 7A** MASTER METERED RESIDENTIAL SERVICE (Secondary Voltage or at available Primary distribution Voltage) (Single phase or three phase where available)

### AVAILABILITY:

- 1. This schedule is limited to master metered residential service, which is service delivered through one meter to multiple single-family units located in a structure of four (4) or more stories that are above ground level. Electric Service must be used principally for domestic purposes, but may incorporate incidental non-domestic use. Electric service for non-domestic use may be separately metered and served under the provisions of the applicable general service schedule, provided that such service does not include single-family units.
- 2. Single-phase motors rated greater than 7-1/2 HP shall not be served under this schedule except by the express written approval of the Company.
- 3. Space conditioning and water heating capacities shall be energized in increments of 6 kW or less by a thermostat, low voltage relay, or suitable time delay equipment.
- 4. Customers requiring three-phase service under this schedule are responsible for the incremental costs of three-phase facilities to provide such service.

| MONTHLY RATE – SECONDARY VOLTAGE:<br>Basic Charge: \$53.59  | (I)        |
|---|------------|
| Demand Charge:No charge for the first 50 kW or less of Billing DemandOCT-MARAPR-SEP\$9.34\$6.23\$6.23per kW for all kW over 50 kW of Billing Demand | (1)(1)     |
| Energy Charge:<br><u>OCTOBER-MARCH</u><br>9.4644¢ per kWh for the first 20,000 kWh<br>6.8163¢ per kWh for all over 20,000 kWh                       | (1)<br>(1) |
| <u>APRIL-SEPTEMBER</u><br>8.6185¢ per kWh for the first 20,000 kWh<br>6.8163¢ per kWh for all over 20,000 kWh                                       | (I)<br>(I) |
| Reactive Power Charge: 0.293¢ per reactive kilovolt ampere-hour (kvarh)   | (I)        |

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## PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 24 GENERAL SERVICE

(Secondary Voltage) (Single phase or three phase where available) (Demand of 50 kW or less)

AVAILABILITY:

- This schedule is available to any Customer for general electric energy requirements other than Residential Service (as defined in Paragraph 1 of Schedule 7) and whose estimated or actual Demand is 50 kW or less.
- 2. Customers whose metered Demand exceeds 50 kW twice during the most recent 12 consecutive months are not eligible for service under this schedule.
- 3. Customers with less than 12 months billing history and Billing Demand over 50 kW twice are not eligible for service under this schedule.
- 4. The Company shall not cause customers who are principally residential and were taking service under this schedule on or before September 17, 1983, to take service under Schedule 7 of this tariff.
- 5. Deliveries at more than one point will be separately metered and billed.
- 6. Single-phase motors rated greater than 7-1/2 HP shall not be served under this schedule except by the express written approval of the Company.
- 7. Highly intermittent loads such as welders, X-ray machines, elevators, and similar loads which may cause undue lighting fluctuation shall not be served under this schedule unless approved by the Company.

MONTHLY RATES: Basic Charge: \$10.14 single phase or \$25.76 three phase

Energy Charge: <u>OCTOBER-MARCH</u> 9.5891¢ per kWh <u>APRIL-SEPTEMBER</u> 9.2638¢ per kWh (I)(I)

(I) (I)

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Eighteenth Revision of Sheet No. 25 Canceling Seventeenth Revision of Sheet No. 25

## PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 25 SMALL DEMAND GENERAL SERVICE

(Secondary Voltage) (Single phase or three phase where available) (Demand Greater than 50 kW but less than or equal to 350 kW)

AVAILABILITY:

- 1. This schedule is available to any Customer for general electric energy requirements other than Residential Service (as defined in Paragraph 1 of Schedule 7) and whose estimated or actual Demand is greater than 50 kW but less than or equal to 350 kW.
- Customers whose Billing Demand is 50 kW or below for eleven (11) of the most recent 12 consecutive months or above 350 kW twice during the most recent 12 consecutive months are not eligible for service under this schedule.
- 3. Customers with less than 12 months billing history and Billing Demand over 350 kW twice are not eligible for service under this schedule.
- 4. Deliveries at more than one point will be separately metered and billed.
- 5. Single-phase motors rated greater than 7-1/2 HP shall not be served under this schedule except by the express written approval of the Company.
- 6. Highly intermittent loads such as welders, X-ray machines, elevators, and similar loads which may cause undue lighting fluctuation shall not be served under this schedule unless approved by the Company.

| MONTHLY RATE:<br>Basic Charge:                         | \$53.59  |   | (1)                      |
|--|--|---|--------------------------|
| Demand Charge:<br><u>OCT-MAR</u><br>\$9.34             | No charge for the fi<br><u>APR-SEP</u><br>\$6.23 | irst 50 kW or less of Billing Demand<br>per kW for all over 50 kW of Billing Demand | (1)(1)                   |
| 6.8163¢ per k\<br><u>APRIL-SEPTE</u><br>8.6185¢ per k\ | Wh for the first 20,00<br>Wh for all over 20,00  | 00 kWh<br>00 kWh  | (1)<br>(1)<br>(1)<br>(1) |

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### PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 25 SMALL DEMAND GENERAL SERVICE

(Secondary Voltage) (Single phase or three phase where available) (Demand Greater than 50 kW but less than or equal to 350 kW) (Continued)

Reactive Power Charge: 0.293¢ per reactive kilovolt ampere-hour (KVARH)

ADJUSTMENTS: Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

BILLING DEMAND: The highest Demand established during the month.

REACTIVE POWER CHARGE:

The reactive power charge shall apply to only those electric loads with a maximum Demand of 100 KW or higher. The meter used for the measurement of KVARH shall be ratcheted to prevent reverse registration.

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

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### PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 26 LARGE DEMAND GENERAL SERVICE

(Secondary Voltage or at available Primary distribution Voltage) (Single phase or three phase where available) (Demand Greater than 350 kW)

AVAILABILITY:

- 1. This schedule is available to any Customer for general electric energy requirements other than Residential Service (as defined in Paragraph 1 of Schedule 7) and whose estimated or actual Demand is greater than 350 kW.
- 2. Customers taking service at Secondary Voltage and whose Billing Demand is 350 kW or below for eleven (11) of the most recent 12 consecutive months are not eligible for service under this schedule.
- 3. Deliveries at Secondary voltage at more than one point will be separately metered and billed. Deliveries at Primary voltage to a Customer will be at one Point of Delivery for all service to that Customer on contiguous property.
- 4. Single-phase motors rated greater than 7-1/2 HP shall not be served under this schedule except by the express written approval of the Company.
- 5. Highly intermittent loads, such as welders, X-ray machines, elevators, and similar loads that may cause undue lighting fluctuation, shall not be served under this schedule unless approved by the Company.
- 6. For service at Primary voltage, all necessary wiring, transformers, switches, cut-outs and protection equipment beyond the Point of Delivery shall be provided, installed and maintained by the Customer, and such service facilities shall be of types and characteristics acceptable to the Company. The entire service installation, protection coordination, and the balance of the load between phases shall be approved by Company engineers.

# MONTHLY RATE - SECONDARY VOLTAGE:

| Basic Charge:<br>Demand Charge: | \$109.61<br>OCT-MAR  | APR-SEP        |                              | (I)    |
|---------------------------------|----------------------|----------------|------------------------------|--------|
| C C                             | \$9.37               | \$6.25         | per kW of Billing Demand     | (I)(I) |
| Energy Charge:                  | 6.6797¢ per kWh      |                |                              | (I)    |
| Reactive Power Charge:          | 0.130¢ per reacti    | ve kilovolt am | pere-hour (kvarh)            | (I)    |
| ADJUSTMENTS TO SEC              | ONDARY VOLTAGE       | E RATES FOR    | DELIVERY AT PRIMARY VOLTAGE: |        |
| Basic Charge:                   | \$246.64 in addition | on to Seconda  | ary voltage rate             | (I)    |
| Demand Charge:                  | \$0.27 credit per k  | W to all Dem   | and rates                    | (ĺ)    |

# Energy Charge: 3.46% reduction to all Energy and Reactive Power Charges

### ADJUSTMENTS:

Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

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## PUGET SOUND ENERGY Electric Tariff G

### **SCHEDULE 29**

# SEASONAL IRRIGATION & DRAINAGE PUMPING SERVICE

(Single phase or three phase where available)

AVAILABILITY:

- This schedule applies to any Customer whose seasonal electric energy requirements are used exclusively for the purpose of irrigation and/or drainage pumping of water on agricultural land used in production of plant crops, and who requires service at secondary voltage. To be eligible for service under this schedule, customers must be qualifying agricultural irrigation or drainage pumping customers pursuant to the Bonneville Power Administration's General Rate Schedule Provisions.
- 2. Usage must be measured at the point of delivery and deliveries at more than one point will be separately metered and billed.
- 3. Single-phase motors rated greater than 7-1/2 HP shall not be served under this schedule except by the express written approval of the Company
- 4. Power loads which may cause undue fluctuations in electric service shall not be served under this schedule unless approved by the Company.

| Basic Charge: \$9.92 single phase or \$25.19 three phase                                  | (I)(I)     |
|---|------------|
| Demand Charge: No charge for the first 50 kW or less of Billing Demand<br>OCT-MAR APR-SEP | (י)(י)     |
| \$9.16 \$4.51 per kW for all over 50 kW of Billing Demand                                 | (I)(I)     |
| Energy Charge:<br>OCTOBER-MARCH   |            |
| 9.4625¢ per kWh for the first 20,000 kWh  |            |
| 7.2275¢ per kWh for all over 20,000 kWh   | (I)<br>(I) |
| <u>APRIL-SEPTEMBER</u><br>6.6093¢ per kWh for the first 20,000 kWh                        | (I)        |
| 5.6875¢ per kWh for all over 20,000 kWh   | (I)        |
| Reactive Power Charge: 0.291¢ per reactive kilovolt ampere-hour (kvarh)                   | (I)        |
| Reactive rower Charge. 0.291¢ per reactive kilovoit ampere-hour (kvam)                    | (I)        |

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Thirtieth Revision of Sheet No. 31 Canceling Twenty-Ninth Revision of Sheet No. 31

## PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 31 PRIMARY GENERAL SERVICE

(Single phase or three phase at the available Primary distribution voltage)

### AVAILABILITY:

This schedule applies to all service to contiguous property supplied through one meter where:

- 1. The customer requires primary voltage to operate equipment other than transformers; or
- 2. The customer requires distribution facilities and multiple transformers due to loads being separated by distances that preclude delivery of service at secondary voltage; or
- 3. The load is at a remote or inaccessible location that is not feasible to be served at secondary voltage from Company facilities.
- 4. All necessary wiring, transformers, switches, cut-outs and protection equipment beyond the point of delivery shall be provided, installed and maintained by the Customer, and such service facilities shall be of types and characteristics acceptable to the Company. The entire service installation, protection coordination, and the balance of the load between phases shall be approved by Company engineers.
- 5. Facilities that are being served under this schedule as of May 13, 1985, may, at the customer's option, retain service under this schedule.

| MONTHLY RATE:<br>Basic Charge: | \$356.25                 |                          |                          | (I)           |
|--------------------------------|--------------------------|--------------------------|--------------------------|---------------|
| Demand Charge:                 | <u>OCT-MAR</u><br>\$9.06 | <u>APR-SEP</u><br>\$6.04 | per KW of Billing Demand | (1)           |
| Energy Charge:                 | 6.4563¢ per kWh          | ı                        |                          | (I)(I)<br>(I) |
| Reactive Power Charge:         | 0 112¢ per reacti        | ive kilovolt ar          | nnere-hour (kvarh)       | (I)           |
| Reactive i ower charge.        |                          |                          |                          | (I)           |

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 35

SEASONAL PRIMARY IRRIGATION & DRAINAGE PUMPING SERVICE

(Single phase or three phase at the available Primary distribution voltage)

AVAILABILITY:

- This schedule applies to any customer whose seasonal electric energy requirements are used exclusively for the purpose of irrigation and/or drainage pumping of water on agricultural land used in production of plant crops, and who requires service at primary voltage. To be eligible for service under this schedule, customers must be qualifying agricultural irrigation or drainage pumping customers pursuant to Bonneville Power Administration's General Rate Schedule Provisions.
- All necessary wiring, transformers, switches, cut-outs, and protection equipment beyond the Point of Delivery shall be provided, installed, and maintained by the Customer; and such service facilities shall be of types and characteristics acceptable to the Company. The entire service installation, protection coordination, and the balance of the load between phases shall be approved by Company engineers.

| MONTHLY RATE:<br>Basic Charge:  | \$356.25                  |                          |                          | (1)           |
|---|---------------------------|--------------------------|--------------------------|---------------|
| Demand Charge:  | <u>OCT-MAR:</u><br>\$4.72 | <u>APR-SEP</u><br>\$3.13 | per kW of Billing Demand | (I)<br>(I)(I) |
| Energy Charge:  | 5.2554¢ per kWh           |                          |                          | (I)(I)<br>(I) |
| Reactive Power Charge: 0.114¢ per reactive kilovolt ampere-hour (kvarh) |                           |                          |                          | (1)           |

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### PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 40 LARGE GENERAL SERVICE GREATER THAN 3 aMW

(Single phase or three phase at the available Primary or Secondary distribution voltages)

#### AVAILABILITY:

- 1. This schedule does not apply to Customers taking service on Schedules 46, 49, 448, or 449 but is mandatory for all other Customers with over 3 Average MW of load on a non-dedicated distribution feeder (or substation when, but for the feeder configuration, the customer would have 3 aMW of load on a distribution feeder) where:
  - a. for Customers not on Schedule 40 the 3 aMW of load has occurred during six (6) of the 12 months of a test year for any general rate case, or
  - b. for Customers already on Schedule 40 who have maintained a minimum of an average of 2 aMW over the entire test year of the most recent general rate case shall remain on Schedule 40. Customers who fall below this average will be removed from this Schedule on the date rates go into effect as a result of the applicable general rate case.
- 2. For Primary Service all necessary wiring, transformers, switches, cut-outs and protection equipment beyond the Point of Delivery shall be provided, installed and maintained by the Customer, and such service facilities shall be of types and characteristics acceptable to the Company. The entire service installation, protection coordination, and the balance of the load between phases shall be approved by Company engineers prior to availability of service under this schedule.

### MONTHLY RATES:

This tariff is for bundled retail service only and the Customer will be billed for the Basic Charge, Production and Transmission Charges, and Distribution Charges.

| 1. | Basic Charge(s): applies to each metering point                              |     |
|----|--|-----|
|    | Primary Voltage Metering Points: \$356.25                                    |     |
|    | Secondary Voltage Metering Points with annual peak Demand <= 350 kW: \$53.59 | (1) |
|    | Secondary Voltage Metering Points with annual peak Demand > 350 kW: \$109.61 |     |
|    |  | (İ) |

#### 2. Production and Transmission Charges:

|    | 5                                |  |     |
|----|----------------------------------|--|-----|
| a) | Demand Charge:                   | JAN-DEC                                    |     |
|    | High Voltage Metering Point      | \$4.22 per kW of Coincident Billing Demand |     |
|    | Primary Voltage Metering Point   | \$4.31 per kW of Coincident Billing Demand | (I) |
|    | Secondary Voltage Metering Point | \$4.41 per kW of Coincident Billing Demand |     |
| b) | Energy Charge:                   |  | (İ) |
| ,  | High Voltage Metering Point      | 5.8308¢ per kWh                            |     |
|    | Primary Voltage Metering Point   | 5.9304¢ per kWh                            | (I) |
|    | Secondary Voltage Metering Point | 6.0823¢ per kWh                            |     |
|    |                                  |  | (I) |
|    |                                  |  |     |

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## PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 40 LARGE GENERAL SERVICE GREATER THAN 3 aMW

(Single phase or three phase at the available Primary or Secondary distribution voltages) (Continued)

| C) | Reactive Power Charge:           |  |     |
|----|----------------------------------|--|-----|
|    | Primary Voltage Metering Point   | 0.112¢ per reactive kilovolt ampere-hour (kvarh) | (1) |
|    | Secondary Voltage Metering Point | 0.130¢ per reactive kilovolt ampere-hour (kvarh) | (ľ) |

3. Distribution Charges: The following Distribution Charges are applicable to Customers on Schedule 40 at the time the Commission approves the Distribution Charges in this Section 3 in a general rate case and to incremental new load through an existing Point of Delivery on an existing feeder of a Customer currently receiving service under Schedule 40.

Demand Charge: Customer specific charge calculated by dividing the distribution costs (calculated according to the following procedures) by the estimated annual peak Coincident Billing Demand. The Demand charge will not be recalculated between rate cases for new load on existing feeders of Customers already on this schedule.

- a) Customers share of substation costs calculated as:
  - i. The Customer's Demand on the substation divided by the total Demand on the substation multiplied by:
  - ii. Substation Base Costs calculated using net book value at the time the Customer goes on to Schedule 40 multiplied by:
  - iii. The sum of the Substation Fixed Charge Rate, the Substation O&M Charge Rate and the A&G Charge Rate as shown in A., B., and C. below.
    - A. Substation Fixed Charge Rate, as derived from the Fixed Charge Rate Model, based upon the dollar-weighted average remaining life of the substation equipment and 12.3693% for land,
    - B. Substation O&M Charge Rate of: 3.8017%,
    - C. A&G Charge Rate of 31% of the O&M rate, which is 1.1785% for substation costs.
  - iv. The Substation Base Cost, the Substation Fixed Charge Rate, the Substation O&M Charge Rate and the A&G Charge Rate in general rate cases following a Customer first going on Schedule 40, will be adjusted as follows:
    - A. Substation Base Costs will be adjusted for substation equipment retired, and
    - B. the cost for new equipment will be added. The formula described in section 3.a)i. will then be applied to the updated Substation Base Costs
    - C. The Substation Fixed Charge Rate will be adjusted for changes in the cost of capital and capital structure, taxes and insurance.
    - D. The Substation O&M Charge Rate will be adjusted based on the ratio of substation O&M to substation plant.
    - E. The A&G Charge Rate will be a function of the ratio of the distribution A&G to distribution O&M.

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 40 LARGE GENERAL SERVICE GREATER THAN 3 aMW

(Single phase or three phase at the available Primary or Secondary distribution voltages) (Continued)

- b) Customer's share of Primary distribution lines calculated as:
  - i. The estimated net book value per mile of each distribution feeder and associated distribution facilities on which the Customer has over 3 aMW of load multiplied by:
  - ii. The number of miles on each distribution feeder between the Customer's meter(s) and the substation for each distribution feeder on which the Customer has over 3 aMW of load (the "Distribution Base Cost") multiplied by:
  - iii. The Customer's share of the peak load on the distribution feeder multiplied by:
  - iv. The sum of the Distribution Fixed Charge Rate and the Distribution O&M Charge Rate as shown in A. and B. below
    - A. Distribution Fixed Charge Rate, as derived from the Fixed Charge Rate Model, based upon the average remaining life of the feeder(s) used in the calculation of the Distribution Base Cost
    - B. Distribution O&M Charge Rate of: 3.94%
  - v. The Distribution Base Cost, the Distribution Fixed Charge Rate and the Distribution O&M Charge Rate in general rate cases following a Customer first going on Schedule 40, will be adjusted as follows:
    - A Distribution Base Costs will be adjusted for estimates of any plant on the feeder(s) serving the Customer that has been retired and
    - B. the cost for new investment to the feeder(s) serving the Customer will be added. The formula described in section 3.b)iii (above) will then be applied to the updated Distribution Base Costs.
    - C. The Distribution Fixed Charge Rate will be adjusted based on changes in the cost of capital and capital structure, taxes and insurance.
    - D. The Distribution O&M Charge Rate will be adjusted based on the ratio of distribution O&M to distribution plant.
- c) Customer's allocation of line transformer costs where service is at Secondary voltage and/or where the Company has agreed to provide rental transformers where the service is at Primary voltage
  - i. Based upon the Transformer Rental Schedule

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By:

Tom DiBon Tom DeBoer

Title: Director, Federal & State Regulatory Affairs

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 40 LARGE GENERAL SERVICE GREATER THAN 3 aMW

(Single phase or three phase at the available Primary or Secondary distribution voltages) (Continued)

- 4. Distribution Charges: The following Distribution Charges are applicable to existing Schedule 40 Customers who add new service through a new Point of Delivery from a feeder through which the Schedule 40 Customer currently receives service at an existing Point of Delivery. (For incremental new load through an existing Point of Delivery on an existing feeder of a Customer currently receiving service under Schedule 40, the Distribution Charge calculated in Section 3 of this Schedule applies.) The following Distribution Charges also apply to new Schedule 40 Customers prior to calculation of the Distribution Charge applicable under Section 3 of this Schedule.
  - a) Customer specific Monthly Distribution Charge calculated by multiplying the monthly Energy usage by the applicable rate(s):
    - i. Primary Voltage consumption: \$0.016453 / kWh
    - ii. Secondary Voltage consumption (> 350 kW peak Demand): \$0.011496 / kWh
    - iii. Secondary Voltage consumption (<= 350 kW peak Demand): \$0.016292 / kWh

### ADJUSTMENTS:

Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

### COINCIDENT BILLING DEMAND:

Coincident Demand and Coincident Billing Demand refers to the coincident monthly 15 minute peak Demand of the Customer's meters for all accounts that qualify for Schedule 40 on the distribution feeder(s).

Billing Months of December through March: the highest Coincident Demand established during the Month shall be used for billing. Billing Months of April through November: the highest Coincident Demand established during the Month, but not less than 60 per cent of the highest Coincident Demand established during the previous peak winter season (billing Months of December through March) shall be used for billing.

Coincident Billing Demand will be calculated from interval metering where the Company determines that this would be cost effective; otherwise it will be the billed Demand adjusted for a coincidence factor established from a Customer study performed by the Company.

### REACTIVE POWER CHARGE:

The reactive power charge shall apply only to those meters where the annual peak load is over 50 kW.

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Exhibit No. \_\_\_(JAP-6) Page 14 of 35 Twenty-First Revision of Sheet No. 43-a Canceling Twentieth Revision of Sheet No. 43-a

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### PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 43

INTERRUPTIBLE PRIMARY SERVICE FOR TOTAL-ELECTRIC SCHOOLS

(Single phase or three phase at the available Primary distribution voltage)

(Continued)

### MONTHLY RATE: Basic Charge: \$356.25

Demand Charge:

| Demand Charge:<br>\$4.99 per kW of Billing Demand<br>Plus \$4.07 per kW of Critical Demand established in the p |  |     |     |  |
|---|--|-----|-----|--|
|   | per kW of Critical Demand established in the preceding 11 months | (I) |     |  |
| Energy Charge: 6.0713¢ per kWh  |  |     | (I) |  |
| Reactive Power Charge: 0.314¢ per reactive kilovolt ampere-hour (kvarh) (I)                                     |  |     |     |  |

ADJUSTMENTS:

Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

BILLING DEMAND:

The highest Demand established during the month.

#### CRITICAL DEMAND:

The highest average 15-minute demand recorded between 5:00 p.m. and 8:00 p.m. on any day the customer has been notified by the Company that power interruption is required, less a demand credit allowed at the rate of .6 watts per square foot of structure.

#### **REACTIVE POWER CHARGE:**

The reactive power charge shall apply to only those electric loads with a maximum monthly Demand of 100 kW or higher. The meter used for the measurement of kvarh shall be ratcheted to prevent reverse registration.

GENERAL RULES AND PROVISIONS:

Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 46 HIGH VOLTAGE INTERRUPTIBLE SERVICE

(Three phase, delivery voltage of 50,000 volts or higher)

#### AVAILABILITY:

- 1. This schedule applies to service that may be interrupted at the request of the Company to maintain or manage the integrity of its electrical system or to assist the Company in the management of energy supplies and resources for economic or other purposes subject to the terms and conditions described below.
- 2. Customer taking service under this Schedule must anticipate 210 hours of service interruption annually, as described in subsequent sections of this schedule.
- 3. Separate voltage arrangements with individual customers may be required in instances where available high voltage delivery voltages are subject to change in accordance with the Company's programs for system improvements.
- 4. All necessary wiring, transformers, switches, cut-outs, and protection equipment beyond the Point of Delivery shall be provided, installed, and maintained by the Customer, and such service facilities shall be of types and characteristics acceptable to the Company. The entire service installation, protection coordination, and the balance of the load between phases shall be approved by Company engineers.

| MONTHLY RATE: |                                  |
|---------------|----------------------------------|
| Demand Charge | \$2.19 per kVa of Billing Demand |

Energy Charge: 5.8308¢ per kWh

#### ADJUSTMENT:

Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

#### BILLING DEMAND:

The highest average thirty-minute Demand recorded during the month (but not less than 4,400 kVa), exclusive of Demand occurring on Sundays or between 12:00 midnight and 5:00 a.m.

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## PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 46 HIGH VOLTAGE INTERRUPTIBLE SERVICE (Three phase, delivery voltage of 50,000 volts or higher)

(Continued)

### ANNUAL MINIMUM CHARGE:

The sum of the monthly bills in any period of twelve (12) consecutive months shall not be less than \$26.28 per kVa of the maximum Billing Demand established plus 5.2477¢ per kWh consumed during the period.

INTERRUPTION OF SERVICE:

- Times and Durations of Interruptions: Electric Service shall be interrupted and suspended by Customer, as directed by the Company, between the hours of 8:00 a.m. and 12:00 noon and between 5:00 p.m. and 8:00 p.m. Monday through Saturday. Subject to paragraph 3 below, the duration of such interruption and suspension ("Suspension Period") shall be specified in the Company's notice to the Customer to initiate and maintain such interruption and suspension.
- 2. Notice Prior to Suspension Period: The Company shall provide the Customer reasonable advance notice of a Suspension Period; provided, however Company will provide Customer at least 14 hours advanced notice of a Suspension Period when such service interruption is for the Company to economically manage its energy supplies and resources. When Company notifies Customer of a service interruption for the Company to economically manage its energy supplies and resources. Company will provide customer with a non-binding estimate of the penalty per kWh to be assessed if Customer fails to interrupt and suspend service.
- 3. Limitations on Service Interruptions: Customer will not be required to interrupt and suspend Electric Service under this Schedule for more than 210 hours during any twelve-month period commencing on October 1 of each year; provided, however, no Customer will be required to interrupt and suspend Electric Service pursuant to this Schedule for more than 182 hours during any such twelve-month period for the sole purpose of Company management of energy supplies and resources for economic purposes. This maximum of 182 hours of interruption for Company management of energy supplies and resources for economic purposes shall also include hours used to test Customer's preparedness to interrupt and suspend service; provided, however, the Company will not institute any more than two such tests during the twelve month period.

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 49 HIGH VOLTAGE GENERAL SERVICE

(Three-phase delivery voltage of 50,000 volts or higher)

AVAILABILITY:

- 1. Separate voltage arrangements with individual Customers may be required in instances where available high voltage delivery voltages are subject to change in accordance with the Company's programs for system improvements.
- All necessary wiring, transformers, switches, cut-outs, and protection equipment beyond the Point of Delivery shall be provided, installed, and maintained by the Customer, and such facilities shall be of types and characteristics acceptable to the Company. The entire service installation, protection coordination, and the balance of the load between phases shall be approved by Company engineers.

MONTHLY RATE: Demand Charge: Energy Charge:

\$3.88 per kVa of Billing Demand 5.8308¢ per kWh

ADJUSTMENTS:

Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 50 LIMITED STREET LIGHTING SERVICE

AVAILABILITY:

- 1. Incandescent Lighting Service hereunder is limited to Customers receiving service under this schedule as of April 18, 1972.
- 2. Mercury Vapor Lighting Service hereunder is limited to Customers receiving service under this tariff at locations existing as of November 23, 1979.
- 3. No new installations or additions to existing systems or relocated fixtures will be served by the Company under this schedule.
- 4. This schedule applies to existing dusk-to-dawn incandescent and mercury vapor lighting of streets, alleys, and other public thoroughfares with installations of at least five (5) lamps supplied from the Company's existing distribution system.

### MONTHLY RATES PER LAMP:

Customer-Owned Incandescent Lighting Service (Code A):

| Lamp     | KWhs per lamp |              |
|----------|---------------|--------------|
| Wattage  | per month     | Monthly Rate |
| 327 Watt | 114           | \$12.89      |

Customer-Owned Mercury Vapor Lighting Service (Code A)

| Lamp     | KWhs per lamp |              |
|----------|---------------|--------------|
| Wattage  | per month     | Monthly Rate |
| 100 Watt | 44            | \$6.42       |
| 175 Watt | 74            | \$9.45       |
| 400 Watt | 161           | \$18.55      |

# Customer-Owned Energy Only Mercury Vapor Lighting Service (Code B)

| Lamp     | KWhs per lamp |              |
|----------|---------------|--------------|
| Wattage  | per month     | Monthly Rate |
| 100 Watt | 44            | \$4.39       |
| 175 Watt | 74            | \$7.40       |
| 400 Watt | 161           | \$16.38      |
| 700 Watt | 273           | \$30.91      |
| 1000Watt | 383           | \$41.81      |

SPECIAL TERMS AND CONDITIONS:

1. <u>Installation and maintenance of Customer-Owned systems</u>: A system installed and wholly owned by the Customer shall conform to the Company's specifications for such type of system in effect at the time of installation and shall have been installed without expense to the Company.

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Exhibit No. \_\_\_(JAP-6) Page 19 of 35 Fifth Revision of Sheet No. 51-a Canceling Fourth Revision Of Sheet No. 51-a

WN U-60

# PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 51 LED (Light Emitting Diode) LIGHTING SERVICE COMPANY OWNED (Continued)

#### **MONTHLY RATES:**

The sum of Lamp and Facilities charges:

#### Lamp Charges:

LED lamp wattage shall be rounded up to the next ten (10) watt increment and the lamp charge per month shall be calculated as follows:

The total load of the luminaire at the luminarie's high or maximum setting in watts as determined by the manufacturer (rounded up to the next ten watt increment) shall be multiplied by 350 hours, the result is divided by 1000 and then rounded to the nearest whole number which is the number of kWh to bill per month.

Rate per kWh: \$0.101240

#### Facilities Charges:

Definitions:

- 1. Estimated Installed Cost: The Estimated Installed Cost is the estimated installed cost of the lighting system, including but not limited to, luminaires, poles, distribution facilities, labor, overheads and includes the effect of applicable taxes (when applicable).
- 2. Estimated System Cost: The Estimated System Cost is the estimated installed cost of the lighting system including, but not limited to, luminaires, poles, distribution facilities, labor, and overheads but excludes the effect of applicable taxes.

Amount of the facilities charges:

0.282% times the Estimated System Cost per month.

The Customer shall pay the Estimated Installed Cost up-front, prior to the installation of the lighting system. The monthly facilities charge covers routine maintenance.

### **Rate Changes:**

Due to the fact that LED luminaire technology is changing so quickly and because the Company has very limited knowledge of future costs, the Lamp and Facilities Charges may change significantly in the future. These changes will apply to all lights installed under this schedule.

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Twentieth Revision of Sheet No. 52-a **Canceling Nineteenth Revision** of Sheet No. 52-a

WN U-60

### PUGET SOUND ENERGY Electric Tariff G

### **SCHEDULE 52** CUSTOM LIGHTING SERVICE **COMPANY OWNED** (Continued)

| Lamp Charges:      |                |
|--------------------|----------------|
| Sodium Vapor       | Rate per Month |
| Lamp Wattage       | per lamp       |
| 50                 | \$2.18         |
| 70                 | \$3.18         |
| 100                | \$4.49         |
| 150                | \$6.52         |
| 200                | \$8.63         |
| 250                | \$10.72        |
| 310                | \$14.61        |
| 400                | \$16.72        |
|                    |                |
| Metal Halide       | Rate per Month |
| Lamp Wattage       | per lamp       |
| 70                 | \$3.45         |
| 100                | \$4.40         |
| 150                | \$6.33         |
| 175 <sup>(1)</sup> | \$7.49         |
| 250                | \$10.18        |
| 400                | \$15.97        |
| 1000               | \$38.23        |
|                    |                |

(1) Limited availability - see section 9 of Special Terms And Conditions.

## Facilities Charge:

Options A and B Terms:

- 1. Estimated Installed Cost: The Estimated Installed Cost is the estimated installed cost of the lighting system, including but not limited to, luminaires, poles, distribution facilities, labor. overheads and includes the effect of applicable taxes (when applicable).
- 2. Estimated System Cost: The Estimated System Cost is the estimated installed cost of the lighting system including, but not limited to, luminaires, poles, distribution facilities, labor, overheads but excludes the effect of applicable taxes.

Amounts of the facilities charges:

Option A: 1.645% times the Estimated System Cost per month.

Under Option A the Customer makes no payment up-front. The monthly facilities charge covers taxes, depreciation, insurance, return and routine maintenance. At any time, upon notice to the Company, the Customer may pay the unamortized balance of the Estimated Installed Cost and thereafter pay the monthly facilities charge under Option B for the remainder of the term.

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Eighth Revision of Sheet No. 52-b Canceling Seventh Revision of Sheet No. 52-b

## PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 52 CUSTOM LIGHTING SERVICE COMPANY OWNED (Continued)

Option B:

0.285% times the Estimated System Cost per month. Under Option B the Customer pays the Estimated Installed Cost up-front. The monthly facilities charge covers routine maintenance.

Availability Of Option A Facilities Charge:

Option A is available to all Customers except, Option A is not available to homeowner or condo associations or similar organizations until the homes or condos have been fully built-out and occupied. At any time the Company may require that the Customer provide sufficient security up to the amount of the Estimated Installed Cost in a form and for a term acceptable to the Company. Any Customer wishing to discontinue service (including changing of account responsibility) must pay the unamortized balance of the Estimated Installed Cost at the time service is discontinued.

SPECIAL TERMS AND CONDITIONS:

- 1. Notification of Inoperable Lights: For lights where the Company provides routine maintenance, it shall be the responsibility of the Customer to notify the Company of Custom lights that are not working. Upon notification, within seventy-two (72) hours, excluding Saturdays, Sundays and holidays, the Company will investigate and take corrective action if such action is the responsibility of the Company. If such Company investigation/corrective action is not taken within seventy-two (72) hours for each such light, the Customer's billing shall be credited an amount equal to the monthly Lamp Charges normally billed for that light. This seventy-two (72) hour guarantee of service is in lieu of the provisions of Schedule 130 which are not available under this schedule. The Company will be excused from providing maintenance service within seventy-two (72) hours in the event of significant adverse events, such as storms, earthquakes, or other events beyond the Company's control including those enumerated in Schedule 80, paragraph 12.a. of this tariff.
- 2. <u>Hours of service</u>: Service under this schedule is for dusk-to-dawn lighting, or lighting service for the average number of hours of darkness per month (approximately 4,200 hours per year).

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## PUGET SOUND ENERGY Electric Tariff G

## SCHEDULE 53 STREET LIGHTING SERVICE (Continued)

### COMPANY OWNED LIGHTS:

| Sodium Vapor | Rate per Month |
|--------------|----------------|
| Lamp Wattage | per lamp       |
| 50           | \$9.78         |
| 70           | \$11.19        |
| 100          | \$12.61        |
| 150          | \$14.94        |
| 200          | \$17.93        |
| 250          | \$20.18        |
| 310          | \$23.33        |
| 400          | \$27.28        |
| 1000         | \$60.46        |
|              |                |

MONTHLY RATES PER LAMP FOR COMPANY OWNED LIGHTS:

COMPANY OWNED LIGHTS - SPECIAL TERMS AND CONDITIONS:

- Installation and Maintenance: The Company will install new lights upon request and shall provide all engineering and mapping, and shall provide and install (a) Luminaire, (b) Lamp, (c) Photocell, (d) Bracket, (e) Secondary voltage circuitry, and (f) secondary voltage connectors and fusing. The Customer shall pay only the additional installed cost of bracket arms in excess of 8 feet, and the additional cost of luminaires costing more than the Company standard luminaires. For the purpose of this rate the cobra head style luminaire is the Company standard.
- 2. <u>Ownership of Facilities</u>: The Company shall own, operate, and maintain all facilities installed by the Company under this schedule.
- 3. <u>Types of Luminaires</u>: Only luminaires with maintenance costs comparable to Company standard luminaires will be served under this schedule. Luminaires of types that are not approved for service under this schedule may be suitable for service under Schedule 52, Custom Lighting Service.

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 53 STREET LIGHTING SERVICE (Continued)

- 4. <u>Removal, Relocation or Modification of Lighting Facilities</u>: Lighting facilities will be removed, turned off, relocated or modified only after receipt of a letter signed by the Customer or its assignee who is in authority to order such action. Only the Company may remove, relocate or modify Company-owned lighting facilities. Modification includes changes in type of lighting fixture or changes in bracket length or mounting height due to Customer, city, county or state requests or requirements. Requests for removal and subsequent re-installation of a lighting fixture in order to meet applicable ordinances or law pertaining to the type of lighting facilities or requirements for bracket length or mounting height will be considered a modification for the purposes of charges herein. Relocation includes relocation of supporting poles and conversion of the serving distribution facilities to underground due to Customer, city, county or state request or requirement. In advance of any removal, relocation or modification, the Customer shall pay an amount equal to the estimated cost of such removal, relocation or modification. This estimated charge shall include the cost of removal of facilities that now serve lighting load only. All facilities installed or removed remain the sole property of the Company. The cost of removal, relocation or modification also includes any costs of traffic control or other associated costs. Charges for relocation or modification apply to all lights of any age. Charges for removal apply to lights that are (a) installed after June 1, 1998, and (b) have been in service for less than 25 years and (c) are removed (i) due to Customer request or (ii) because there is no longer a Customer to accept service. Where there is no longer a Customer to accept service, the removal will be considered a removal requested by the last Customer of record for the purposes of assessing the charges contained in this schedule.
- 5. <u>Installation Costs Charge Upon Removal</u>: In addition to the charge for the cost of the removal, the following charges apply:
  - a. If a light installed after June 1, 1998, is to be removed and has been installed for less than ten (10) years, a charge equal to the total original estimated installed cost less (i) any up-front customer contribution toward the cost of salvageable items and (ii) estimated salvage value of the facilities removed.
  - b. Transfer to Company: If lights are transferred to Company ownership for nominal compensation, the charges in a. above will not apply.

### **CUSTOMER OWNED LIGHTS:**

MONTHLY RATES PER LAMP FOR CUSTOMER OWNED LIGHTS:

| Sodium Vapor | Rate per Month |
|--------------|----------------|
| Lamp Wattage | per lamp       |
| 50           | \$4.43         |
| 70           | \$5.53         |
| 100          | \$6.80         |
| 150          | \$8.89         |
| 200          | \$10.97        |
| 250          | \$13.14        |
| 310          | \$15.83        |
| 400          | \$19.14        |
| 1000         | \$46.29        |

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Eighth Revision of Sheet No. 53-c Canceling Seventh Revision of Sheet No. 53-c

# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 53 STREET LIGHTING SERVICE (Continued)

| Metal Halide       | Rate per Month |
|--------------------|----------------|
| Lamp Wattage       | per lamp       |
| 70                 | \$9.86         |
| 100                | \$10.80        |
| 150                | \$13.09        |
| 175 <sup>(1)</sup> | \$16.85        |
| 250                | \$17.40        |
| 400                | \$19.57        |

(1) Limited availability - see section 10 of Customer Owned Lights - Special Terms And Conditions.

## CUSTOMER OWNED LIGHTS - SPECIAL TERMS AND CONDITIONS:

- 1. <u>Installation and Maintenance</u>: A system installed and wholly owned by the Customer shall conform to the Company's specifications for such type of system in effect at the time of installation and shall be installed without expense to the Company. The Customer shall be responsible for providing the entire lighting system including the initial lamp of a type and wattage reflected in this schedule and the initial photocell. The Customer shall be responsible for furnishing the maintenance to the luminaire, poles and brackets, wiring in/on poles, and circuitry and duct. Other maintenance shall be furnished by the Company in accordance with the paragraph titled "Maintenance Service Provided" below.
- 2. <u>Installation of New Lights Notification</u>: The Customer shall notify the Company, on a timely basis, of any new lights installed, such notification shall include the information required in the paragraph titled "Inventory" below.
- 3. <u>Connection of Street Light Systems</u>: The Company will connect all electrical loads to, or disconnect the same from, the Company's electric distribution facilities.
- 4. <u>Company Approval Of Luminaires</u>: Only luminaires with maintenance costs comparable to Company standard luminaires will be served under this schedule. In addition the luminaire shall accept a Company standard lamp(s) (mogul base lamp) and a photocell receptacle that will accept the locking type of 120 volt photocell complying with ANSI C136.10 - 1988 or subsequent revision. Luminaires of types that are not approved for service under this schedule may be suitable for service under Schedule 52, Custom Lighting Service.

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Thirtieth Revision of Sheet No. 54 Canceling Twenty-Ninth Revision of Sheet No. 54

### PUGET SOUND ENERGY Electric Tariff G

## SCHEDULE 54 CUSTOMER-OWNED STREET LIGHTING ENERGY SERVICE SODIUM VAPOR

AVAILABILITY:

- This schedule is available to municipalities, agencies, or subdivisions of government or community associations and similar organizations and applies to electric energy for dusk-to-dawn sodium vapor lighting of streets, alleys, and other public thoroughfares which can be served from the Company's existing distribution system, with the following limitations.
- 2. After June 1, 1998, service is available only to those customers who are receiving service under this schedule as of June 1, 1998.
- 3. After June 1, 1999, no new installations or additions to existing systems or relocated fixtures will be served by the Company.

MONTHLY RATES PER LAMP:

Energy charges per lamp:

| Sodium Vapor | Rate per Month |
|--------------|----------------|
| Lamp Wattage | per lamp       |
| 50           | \$2.18         |
| 70           | \$3.18         |
| 100          | \$4.48         |
| 150          | \$6.50         |
| 200          | \$8.62         |
| 250          | \$10.69        |
| 310          | \$14.59        |
| 400          | \$16.70        |
| 1000         | \$42.02        |
|              |                |

SPECIAL TERMS AND CONDITIONS:

- Installation and Maintenance of Customer-Owned Systems: A system installed and wholly owned by the Customer shall conform to the Company's specifications for such type of system in effect at the time of installation and shall have been installed without expense to the Company. The Customer shall be responsible for providing all maintenance including, but not limited to, poles or standards, brackets, luminaires, lamps, ballast, photocells, timing devices, glassware, wiring in/on poles, circuitry and ducts.
- 2. <u>Service to Be Rendered</u>: The Company shall provide electric energy for lamps of the types and wattages specified above.

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Thirtieth Revision of Sheet No. 55 Canceling Twenty-Ninth Revision of Sheet No. 55

# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 55 AREA LIGHTING SERVICE

AVAILABILITY:

- 1. This schedule applies to dusk-to-dawn lighting where 120 volt service is existing on the Company owned and installed pole upon which the fixture is to be installed. Where such secondary voltage service or pole is not available, service under this schedule will be available upon payment of the costs to provide such pole and/or secondary voltage service or pole and service as provided herein.
- 2. For lights installed prior to Nov. 1, 1999, service is for a term of twelve (12) months and removal charges do not apply. For lights and/or poles installed after Nov. 1, 1999, service under this schedule for periods of less than eight (8) years is subject to charges for removal as provided herein, unless a subsequent customer requests service.
- 3. Service under this schedule will be discontinued if the distribution facilities being utilized to serve are removed due to a conversion of such facilities to an underground system.
- 4. For lighting facilities installed after Nov. 1, 1999, where necessary, the Customer shall obtain for, or grant to, the Company necessary permits or operating rights to place lighting facilities without expense to the Company. In conditions where it is necessary to place any lighting facilities on private property, the customer shall obtain and furnish suitable easements without expense to the Company.

| Lamp Charges per | month per lamp: |  |
|------------------|-----------------|--|
| Sodium Vapor     |                 |  |
| Lamp Wattage     | Rate            |  |
| 70               | \$11.26         |  |
| 100              | \$12.67         |  |
| 150              | \$15.11         |  |
| 200              | \$18.12         |  |
| 250              | \$20.43         |  |
| 400              | \$27.57         |  |
| Metal Halide     |                 |  |
| Lamp Wattage     | Rate            |  |
| 250              | \$23.58         |  |

# MONTHLY RATE PER LAMP:

FACILITIES CHARGE:

The Company's facilities will be extended to provide secondary voltage service to an existing pole or to a thirty foot wood pole (installed for the purpose of area lighting) at locations where such pole and/or service is not available under the following terms:

<u>Facilities installed prior to November 20, 1975</u>: Customers served by facilities extended prior to this date shall be subject to a charge of \$2.24 per month for each pole required for such extension.

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By:

Tom DiBon Tom DeBoer

Title: Director, Federal & State Regulatory Affairs

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## PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 55 AREA LIGHTING SERVICE (Continued)

<u>Facilities installed after November 1, 1999</u>: Customers served by a 30 foot wood pole installed after this date shall have the option of paying the full cost of the extension and pole up-front or shall be subject to a charge of \$8.85 per month for each pole required for such extension. The cost of all other extensions of facilities to provide secondary voltage service shall be paid in advance of service.

### SPECIAL TERMS AND CONDITIONS:

- <u>Ownership & Operations</u>: The Company will own, operate, and maintain the facilities for supplying area lighting service utilizing its overhead circuits in accordance with the Company's standards. The Company will furnish the necessary energy, repairs, and maintenance. Repairs and maintenance work will be performed by the Company as required during regularly scheduled working hours of the Company.
- 2. <u>Notification of Inoperable Lights</u>: It shall be the responsibility of the Customer to notify the Company of lights that are not working. Upon notification, within seventy-two (72) hours, excluding Saturdays, Sundays and holidays, the Company will investigate and take corrective action if such action is the responsibility of the Company. If such Company investigation/corrective action is not taken within seventy-two (72) hours for each such light, the Customer's billing shall be credited an amount equal to the monthly Lamp Charges normally billed for that light. This seventy-two (72) hour guarantee of service is in lieu of the provisions of Schedule 130 which are not available under this schedule. The Company will be excused from providing maintenance service within seventy-two (72) hours in the event of significant adverse events, such as storms, earthquakes, or other events beyond the Company's control including those enumerated in Schedule 80, paragraph 12.a. of this tariff.
- 3. <u>Hours of service</u>: Service under this schedule is for dusk-to-dawn lighting, or lighting service for the average number of hours of darkness per month (approximately 4,200 hours per year)

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### PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 57 CONTINUOUS LIGHTING SERVICE

(Single phase or three phase where available)

AVAILABILITY:

This schedule is available for energy required to operate traffic control or traffic directing devices.

MONTHLY RATE PER WATT OF CONNECTED LOAD: 2.703¢

MINIMUM CHARGE: \$4.56 per month

ADJUSTMENTS:

Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

LINE EXTENSIONS:

The Company's primary or secondary distribution circuits will be extended by the Company for service under this schedule at the Customer's expense.

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DETERMINATION OF CONNECTED LOAD: Connected load shall be the total rating of all components of the device, whether or not these components will be energized simultaneously.

GENERAL RULES AND PROVISIONS:

Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

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# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 58 FLOOD LIGHTING SERVICE

AVAILABILITY:

- 1. This schedule applies to dusk-to-dawn flood lighting of private property where 120 volt service is existing on the pole upon which the fixture is to be installed. Where such secondary voltage service or pole is not available, service under this schedule will be available upon payment of the costs to provide such secondary voltage service or pole and service as provided herein.
- 2. For lights installed prior to Nov. 1, 1999, service is for a term of twelve (12) months and removal charges do not apply. For lights and/or poles installed after Nov. 1, 1999, service under this schedule is effective for a period of eight (8) years after installation of Company-owned facilities, unless (a) a subsequent customer requests service or (b) the facilities are removed, whereupon appropriate removal charges shall be paid.
- 3. Service under this schedule will be discontinued if the distribution facilities being utilized to serve are removed due to a conversion of such facilities to an underground system.
- 4. For lighting facilities installed after Nov. 1, 1999, where necessary, the Customer shall obtain for, or grant to, the Company necessary permits or operating rights to place lighting facilities without expense to the Company. In conditions where it is necessary to place any lighting facilities on private property, the customer shall obtain and furnish suitable easements without expense to the Company.

| Directional Flood  |                |
|--------------------|----------------|
| Sodium Vapor       | Rate per Month |
| Lamp Wattage       | per lamp       |
| 70                 | \$13.47        |
| 100                | \$14.77        |
| 150                | \$16.86        |
| 200                | \$19.69        |
| 250                | \$21.91        |
| 400                | \$27.83        |
|                    |                |
| Metal Halide       | Rate per Month |
| Lamp Wattage       | per lamp       |
| 175 <sup>(1)</sup> | \$19.22        |
| 250                | \$22.52        |
| 400                | \$28.00        |
| 1000               | \$51.83        |
|                    |                |

#### MONTHLY RATE PER LAMP: Directional Flood

(1) Limited availability - see section 7 of Special Terms And Conditions.

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#### Fourteenth Revision of Sheet No. 58-a Canceling Thirteenth Revision of Sheet No. 58-a

# PUGET SOUND ENERGY Electric Tariff G

# SCHEDULE 58 FLOOD LIGHTING SERVICE (Continued)

| Horizontal Flood |                |
|------------------|----------------|
| Sodium Vapor     | Rate per Month |
| Lamp Wattage     | per lamp       |
| 100              | \$16.85        |
| 150              | \$18.85        |
| 200              | \$21.92        |
| 250              | \$22.81        |
| 400              | \$29.83        |
|                  |                |
| Metal Halide     | Rate per Month |
| Lamp Wattage     | per lamp       |
| 250              | \$26.78        |
| 400              | \$33.85        |
|                  |                |

## FACILITIES CHARGE:

The Company's facilities will be extended to provide secondary voltage service to an existing pole or to a thirty foot wood pole (installed for the purpose of area lighting) at locations where such pole and/or service is not available under the following terms:

<u>Facilities installed after November 1, 1999</u>: Customers served by a 30 foot wood pole installed after this date shall have the option of paying the full cost of the extension and pole up-front or shall be subject to a charge of \$8.85 per month for each pole required for such extension. The cost of all other extensions of facilities to provide secondary voltage service shall be paid in advance of service.

# SPECIAL TERMS AND CONDITIONS:

 <u>Ownership & Operations</u>: The Company will own, operate, and maintain the facilities for supplying flood lighting service utilizing its overhead circuits in accordance with the Company's standards. The Company will furnish the necessary energy, repairs, and maintenance. Repairs and maintenance work will be performed by the Company as required during regularly scheduled working hours of the Company.

| ssued: June 13, 2011 |                |
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Exhibit No. \_\_\_(JAP-6) Page 31 of 35 Original Sheet No. 139

# PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 139 ELECTRIC CONSERVATION SAVINGS ADJUSTMENT RATE

- APPLICABILITY This Conservation Savings Adjustment ("CSA") rate is applicable to all bills for electric service calculated under all schedules contained in this tariff and all retail contracts for electric service except where explicitly exempted.
- PURPOSE This schedule recovers costs that would otherwise go unrecovered by the Company as a result of the services provided under Schedule 83, Schedule 150, schedules numbered between 200 and 215, and between 217 and 299.
- 3) DEFINITIONS -
  - <u>Annual Conservation Report</u> The Company's annual report on conservation results, filed on or before February 15 of each year in accordance with the Commission's order in Docket No. UE-970686.
  - b) <u>Recovery Year</u> The calendar year prior to each CSA rate filing.
  - c) <u>Savings Adjustment</u> The accumulated conservation Energy savings reported in the Company's Annual Conservation Reports that is not reflected in the test year loads used to determine Electric Service rates in effect during the Recovery Year. The Savings Adjustment will be tracked separately, by month, for each rate group listed in Section 5. The Savings Adjustment will not include conservation savings associated with the Company's fuel conversion program.
  - d) <u>Fixed Cost Rate ("FCR")</u> Is a rate per kWh calculated for each rate group listed in Section 5 that is used to calculate the UFCA. The FCR is equal to the applicable proforma test year revenue for base rates in effect during each month of the Recovery Year, less the sum of any associated basic charge revenue and costs related to the Company's Power Cost Adjustment Clause, divided by the corresponding proforma test year Energy sales.
  - <u>Unrecovered Fixed Cost Amount ("UFCA")</u> The Savings Adjustment for each rate group multiplied by the associated FCR for each month, summed across the months within the Recovery Year.
- 4) RATE CALCULATIONS
  - a) No greater than seventy-five (75) percent of the UFCA for each Recovery Year will be recovered in the first CSA rate year following the Recovery Year, which begins May 1 of each year, subject to true-up in subsequent CSA filings.

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Exhibit No. \_\_\_(JAP-6) Page 32 of 35 Original Sheet No. 139-a

# PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 139 ELECTRIC CONSERVATION SAVINGS ADJUSTMENT RATE (Continued)

- b) The remaining UFCA for a given Recovery Year will be recovered in CSA rates no sooner than the second CSA rate year following the Recovery Year, subject to:
  - i) verification and possible modification by a third-party evaluator of the conservation savings used to determine the applicable Savings Adjustment;
  - the limitation that the UFCA recovered for the given Recovery Year does not result in the Company's actual rate of return, as derived from the Company's audited year-end financial statements, exceeding its authorized rate of return in the Recovery Year; and
  - iii) a true-up in subsequent CSA filings.
- c) CSA rates for each rate group will be determined by dividing the applicable UFCA by the projected sales for the associated rate group in the CSA rate year.
- d) The UFCA in the 2011 Recovery Year will be calculated using the Savings Adjustment resulting from the conservation savings reported in the Company's 2010 Annual Conservation Report and the conservation savings projected for calendar year 2011 in the Company's 2011 Annual Conservation Plan ("ACP"). The non-residential conservation savings estimated in the ACP for calendar year 2011 will be allocated between the non-residential rate groups based upon their relative proportion of reported conservation savings in 2010. These estimates will be trued up to actual results in a subsequent CSA filing.
- e) New CSA rates shall be filed no later than March 1 of each year.
- 5) RATES -

Schedule 7 Schedules 24, 25, 26, 29, 31, 35, 43 and 57(\*) Schedules 40, 46, 49, 448, 449, 458 and 459

0.0311 cents per kWh 0.0415 cents per kWh 0.0018 cents per kWh

- 6) ADJUSTMENTS Rates in this schedule or amounts charged under this schedule are subject to adjustment by such other schedules in this tariff as they may be added or modified from time to time.
- 7) GENERAL RULES AND PROVISIONS Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

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

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Eighth Revision of Sheet No. 448-i Canceling Seventh Revision of Sheet No. 448-i

# PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 448 POWER SUPPLIER CHOICE (Continued)

| Monthly Rate (Contin         | ued):                               |                                     |        |
|------------------------------|-------------------------------------|-------------------------------------|--------|
| Imbalance Energy             | The sum for all hours of such       | The sum for all hours of such       |        |
| Surcharge <sup>(a)</sup>     | Month: [(1.0 * INDEX * negative     | Month: [(1.0 * INDEX * negative     |        |
|                              | Imbalance Energy within             | Imbalance Energy within             |        |
|                              | Deviation Band) + (1.05 * INDEX     | Deviation Band) + (1.05 * INDEX     |        |
|                              | * negative Imbalance Energy)] *     | * negative Imbalance Energy)] *     |        |
|                              | 1.0425 Note: These charges are      | 1.0425 Note: These charges are      |        |
|                              | paid pursuant to the Company's      | paid pursuant to the Company's      |        |
|                              | OATT.                               | OATT.                               |        |
| Distribution                 | \$4.220 / kVa Month                 | \$1.744 / kVa Month                 | (I)(I) |
| Service <sup>(b)</sup>       |                                     |                                     | (.)(.) |
| Customer Charge              | \$995.00 / Month per metered        | \$995.00 / Month per metered        | (I)(I) |
|                              | Customer site                       | Customer site                       | ()()   |
| Ancillary Services           | These charges are paid pursuant     | These charges are paid pursuant     |        |
| Charge                       | to the Company's OATT               | to the Company's OATT               |        |
| Transmission                 | Transmission Charge (pursuant to    | Transmission Charge (pursuant to    |        |
| Charge                       | the Company's OATT) * Utility       | the Company's OATT) * Utility       |        |
|                              | Factor                              | Factor                              |        |
| Electric                     | See Schedule 120 of this tariff for | See Schedule 120 of this tariff for |        |
| Conservation                 | rate                                | rate                                |        |
| Service Rider <sup>(c)</sup> |                                     |                                     |        |
| Low Income                   | See Schedule 129 of this tariff     | See Schedule 129 of this tariff     |        |
| Program <sup>(c)</sup>       |                                     |                                     |        |

- (a) INDEX is hourly price, as set forth in Section 14, Definitions.
- (b) In addition to the Distribution Service charge, Customer will be subject to charges for Dedicated Facilities as specified in the Schedule 448 Service Agreement.
- (c) As such rider or charge may be modified from time to time pursuant to modifications to Schedule 120 or Schedule 129, as appropriate.

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Exhibit No. \_\_\_(JAP-6) Page 34 of 35 <u>WN U-60</u>

Ninth Revision of Sheet No. 449-i Canceling Eighth Revision of Sheet No. 449-i

# PUGET SOUND ENERGY Electric Tariff G

### SCHEDULE 449 RETAIL WHEELING SERVICE (Continued)

10.1 Description of Charges (Continued). Monthly Rate:

| Component  | Primary Voltage   | High Voltage  |        |
|--|---|---|--------|
| Energy   | Provided by Power Supplier pursuant to separate arrangement.  | Provided by Power Supplier pursuant to separate arrangement.  |        |
| Imbalance<br>Energy<br>Credit <sup>(a)</sup>             | The sum for all hours of such Month:<br>[(1.0*INDEX*positive Imbalance<br>Energy within Deviation Band) +<br>(0.95 * INDEX * positive Imbalance<br>Energy in excess of Deviation Band)]<br>Note: These charges are paid<br>pursuant to the Company's OATT | The sum for all hours of such Month:<br>[(1.0*INDEX*positive Imbalance<br>Energy within Deviation Band) +<br>(0.95 * INDEX * positive Imbalance<br>Energy in excess of Deviation Band)]<br>Note: These charges are paid<br>pursuant to the Company's OATT |        |
| Imbalance<br>Energy<br>Surcharge <sup>(a)</sup>          | The sum for all hours of such Month:<br>[(1.0*INDEX*negative Imbalance<br>Energy within Deviation Band) +(1.05<br>* INDEX * negative Imbalance<br>Energy)] * 1.0425<br>Note: These charges are paid<br>pursuant to the Company's OATT                     | The sum for all hours of such Month:<br>[(1.0*INDEX*negative Imbalance<br>Energy within Deviation Band) +(1.05<br>* INDEX * negative Imbalance<br>Energy)] * 1.0425<br>Note: These charges are paid<br>pursuant to the Company's OATT                     |        |
| Distribution<br>Service <sup>(b)</sup>                   | \$4.220 / kVa Month   | \$1.744 / kVa Month   | (I)(I) |
| Customer<br>Charge                                       | \$995.00 / Month per metered<br>Customer site   | \$995.00 / Month per metered<br>Customer site   | (I)(I) |
| Electric<br>Conservation<br>Service Rider <sup>(c)</sup> | See Schedule 120 of this tariff for rate  | See Schedule 120 of this tariff for rate  |        |
| Low Income<br>Program <sup>(c)</sup>                     | See Schedule 129 of this tariff   | See Schedule 129 of this tariff   |        |
| Ancillary<br>Services<br>Charges                         | These charges are paid pursuant to the Company's OATT   | These charges are paid pursuant to the Company's OATT   |        |
| Transmission<br>Service                                  | These charges are paid pursuant to the Company's OATT   | These charges are paid pursuant to the Company's OATT   |        |

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