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Tom DiBom Tom DeBoer By:

## **SCHEDULE 7** RESIDENTIAL SERVICE

(Single phase or three phase where available)

#### **AVAILABILITY**:

- 1. 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:	\$6.02 single phase or \$14.85 three phase	(1)(1)
Energy Charge:		
7.4314¢ per kV	/h for the first 600 kWh	(I)
9.2122¢ per kV	/h for all over 600 kWh	(1)

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Tom DiBon Tom DeBoer Title: Director, Rates & Regulatory Affairs

By:

# 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 – SECON Basic Charge: \$27.20		(1)
OCT-MAR A	rge for the first 50 kW or less of Billing Demand  NPR-SEP  5.54 per kW for all kW over 50 kW of Billing Demand	(1)(1)
Energy Charge: OCTOBER-MARCH 8.2041¢ per kWh for the 6.0417¢ per kWh for all		(I) (I)
APRIL-SEPTEMBER 7.4445¢ per kWh for the 6.0417¢ per kWh for all	·	(I) (I)
Reactive Power Charge:	0.265¢ per reactive kilovolt ampere-hour (kvarh)	(1)

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Ву:

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## SCHEDULE 24 GENERAL SERVICE

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

#### **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 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: \$6.80 single phase or \$16.79 three phase (I)(I)

**Energy Charge:** 

OCTOBER-MARCH 7.9049¢ per kWh APRIL-SEPTEMBER 7.6264¢ per kWh

(I)

(I)

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By:

Tom DiBon Tom DeBoer

Title: Director, Rates & Regulatory Affairs

## 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.
- 2. 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: Basic Charge:	\$27.20		(1)
Demand Charge: OCT-MAR	No charge	for the first 50 kW or less of Billing Demand	
\$8.31	\$5.54	per kW for all over 50 kW of Billing Demand	(1)(1)
Energy Charge:			
OCTOBER-MAR	<u>CH</u>		
8.2041¢ per kWl	n for the first 20	),000 kWh	(I)
6.0417¢ per kWl	n for all over 20	,000 kWh	(I)
APRIL-SEPTEM	BER		
7.4445¢ per kWl	${1}$ for the first 20	0,000 kWh	(I)
6.0417¢ per kWl		·	(I)

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By: Tom DiBoM Tom DeBoer

## 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: 0.265¢ 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.

### **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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By:

Tom DiBoll Tom DeBoer

Title: Director, Rates & Regulatory Affairs

## **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 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:	\$48.00			(1)
Demand Charge:	OCT-MAR	APR-SEP		
	\$7.50	\$4.99	per kW of Billing Demand	(R)(R)
Energy Charge:	5.7795¢ per kWh	)		(I)
Reactive Power Charge:	0.115¢ per reacti	ve kilovolt am	pere-hour (kvarh)	(I)
ADJUSTMENTS TO SECONDARY VOLTAGE RATES FOR DELIVERY AT PRIMARY VOLTAGE:				
Basic Charge:	\$247.00 in addition	on to Seconda	ary voltage rate	(I)
Demand Charge:	0.12 credit per k\	N to all Dema	nd rates	(R)
Energy Charge:	2.0% reduction to	all base rate	S	

#### ADJUSTMENTS:

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

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Tom DiBon Tom DeBoer

Title: Director, Rates & Regulatory Affairs

## **SCHEDULE 29** SEASONAL IRRIGATION & DRAINAGE PUMPING SERVICE

(Single phase or three phase where available)

#### **AVAILABILITY**:

- 1. 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.

MONTHLY RATE: Basic Charge:	\$6.80 single phase or \$16.79 three phase	(I)(R)
Demand Charge: <u>OCT-MAR</u> \$8.55	No charge for the first 50 kW or less of Billing Demand  APR-SEP  \$4.21 per kW for all over 50 kW of Billing Demand	(1)(1)
6.4860¢ per kW <u>APRIL-SEPTEM</u> 5.7121¢ per kW	/h for the first 20,000 kWh /h for all over 20,000 kWh	(1) (1) (1) (1)
Reactive Power Cha	arge: 0.272¢ per reactive kilovolt ampere-hour (kvarh)	(1)

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Tom DiBon Tom DeBoer

Title: Director, Rates & Regulatory Affairs

## 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: Basic Charge:	\$295.00			(1)
Demand Charge:	OCT-MAR \$7.35	<u>APR-SEP</u> \$4.89	per KW of Billing Demand	(1)(1)
Energy Charge:	5.1902¢ per kWh	1		(1)
Reactive Power Charge:	0.094¢ per reacti	ve kilovolt ar	mpere-hour (kvarh)	<b>(I)</b>

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Ву:

Tom DiBon Tom DeBoer

## SCHEDULE 35

## SEASONAL PRIMARY IRRIGATION & DRAINAGE PUMPING SERVICE

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

#### **AVAILABILITY:**

- 1. 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.
- 2. 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:				
Basic Charge:	\$295.00			(1)
Demand Charge:	OCT-MAR: \$3.82	<u>APR-SEP</u> \$2.54	per kW of Billing Demand	(1)(1)
Energy Charge:	4.1345¢ per kWh			(1)
Reactive Power Charge	e: 0.096¢ per reacti	ve kilovolt ampe	re-hour (kvarh)	(I)

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By: Tom DeBoer Title: Director, Rates & Regulatory Affairs

## **SCHEDULE 40** LARGE DEMAND GENERAL SERVICE GREATER THAN 3 aMW

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

#### **AVAILABILITY**:

This schedule applies to Customers with over 3 average MW of load on a distribution feeder (or substation when, but for the feeder configuration, the customer would have 3 aMW of load on a distribution feeder) where:

- The sum of the Customer's coincident peak Demand for all of the Customer's non-residential meters on a non-dedicated distribution feeder is 3 MW of Coincident Demand or larger; and
- 2. Is subject to completion of a cost study by the Company to establish the Customer-specific distribution charge. Customers shall notify the Company if they wish to elect service under this schedule in conjunction with the next general rate case subject to the results of the cost
- 3. Service under this schedule is voluntary for three years after the date of approval of the original version of this schedule. This rate will be mandatory for all eligible Customers commencing with the first general rate case completed after the end of the three-year voluntary period.
- 4. 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.		<del>-</del> ·	(I)   (I)
2.	Production and Transmission Charges:  a) Demand Charge:    High Voltage Metering Point    Primary Voltage Metering Point    Secondary Voltage Metering Point b) Energy Charge:	JAN-DEC \$3.25 per kW of Coincident Billing Demand \$3.32 per kW of Coincident Billing Demand \$3.42 per kW of Coincident Billing Demand	(I)   (I)
	High Voltage Metering Point Primary Voltage Metering Point Secondary Voltage Metering Point	5.0991¢ per kWh 5.1909¢ per kWh 5.3517¢ per kWh	(I)   (I)

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Title: Director, Rates & Regulatory Affairs

Bv:

## PUGET SOUND ENERGY Electric Tariff G

## SCHEDULE 40 LARGE DEMAND 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 0.094¢ per reactive kilovolt ampere-hour (kvarh)
  Secondary Voltage Metering Point 0.115¢ per reactive kilovolt ampere-hour (kvarh)
- 3. Distribution Charges 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 on an existing feeder of a Customer currently receiving service under Schedule 40. (N)

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. (N)

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- 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 12.7562% for land,
    - B. Substation O&M Charge Rate of: 4.1482%,
    - C. A&G Charge Rate of 34% of the O&M rate, which is 1.4104% for substation costs.

**(l)** 

**(I)** 

- 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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Tom DuBout Title: Director, Rates & Regulatory Affairs

#### **SCHEDULE 40**

## LARGE DEMAND 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:
  - 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: 5.82%

(R)

- 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
  - Based upon the Transformer Rental Schedule

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Title: Director, Rates & Regulatory Affairs

## SCHEDULE 40

## LARGE DEMAND GENERAL SERVICE GREATER THAN 3 aMW

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

4. Distribution Charges Applicable to Customers electing to commence service under Schedule 40 between general rate cases. Except for incremental new load on an existing feeder of a Customer currently receiving service under Schedule 40 the following applies:

(N) (N)

Demand Charge: Customer specific charge calculated by dividing the Distribution Cost (calculated according to the following procedures) by the estimated Coincident Billing Demand. Such estimated Coincident Billing Demand is based on the Customer specific Coincident Demand established for the corresponding Month during the test year used in the most recently completed general rate case.

a) Distribution Cost calculated based upon the Customer specific historical consumption during the test year used in the most recently completed general rate case

(I) (R)

i. Primary Voltage consumption: \$0.015095 / kWh

- ii. Secondary Voltage consumption (> 350 kW peak Demand): \$0.011517 / kWh iii. Secondary Voltage consumption (<= 350 kW peak Demand): \$0.015487 / kWh
- (l) (

#### 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. 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).

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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Ву:

Tom DiBoM Tom DeBoer

## **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:

\$295.00

**(l)** 

Demand Charge:

\$4.04 per kW of Billing Demand **(I)** 

Plus

per kW of Critical Demand established in the preceding 11 months \$3.31

(I)

**Energy Charge:** 

4.9375¢ per kWh

**(I)** 

Reactive Power Charge: 0.265¢ 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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Tom DiBon Tom DeBoer

## 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.
- 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

\$1.78 per kVa of Billing Demand

(1)

Energy Charge:

4.6901¢ per kWh

(I)

#### 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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By:

Tom DiBOM Tom DeBoer

Title: Director, Rates & Regulatory Affairs

## 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 \$21.36 per kVa of the maximum Billing Demand established plus 4.2211¢ per kWh consumed during the period.

(I)(I)

## INTERRUPTION OF SERVICE:

- 1. 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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## **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.
- 2. 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:

\$3.14 per kVa of Billing Demand

Energy Charge:

4.6901¢ per kWh

(i)

#### **ADJUSTMENTS:**

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

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By:

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Title: Director, Rates & Regulatory Affairs

## SCHEDULE 50 LIMITED STREET LIGHTING SERVICE

#### **AVAILABILITY:**

- 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	\$10.47	

**(l)** 

Customer-Owned Mercury Vapor Lighting Service (Code A)

Lamp	KWhs per lamp	
Wattage	per month	Monthly Rate
100 Watt	44	\$5.28
175 Watt	74	\$7.72
400 Watt	161	\$15.11

(l) | (l)

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

Lamp	KWhs per lamp	
Wattage	per month	Monthly Rate
100 Watt	44	\$3.57
175 Watt	74	\$6.00
400 Watt	161	\$13.29
700 Watt	273	\$25.12
1000Watt	383	\$33.91

(I) | | |

**(I)** 

#### 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.

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# SCHEDULE 52 CUSTOM LIGHTING SERVICE COMPANY OWNED

(Continued)

Lamp	Charges:
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Sodium Vapor	Rate per Month
Lamp Wattage	per lamp
50	\$1.77
70	\$2.58
100	\$3.63
150	\$5.29
200	\$7.01
250	\$8.71
310	\$11.86
400	\$13.57
Metal Halide	Rate per Month
Lamp Wattage	per lamp
70	\$2.80
100	\$3.56
150	\$5.12
	ΨΟ. 12
175	-
175 250	\$6.06
	-
250	\$6.06 \$8.24

#### **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:

1.50% 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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## **SCHEDULE 53** STREET LIGHTING SERVICE SODIUM VAPOR

(Continued)

#### **COMPANY OWNED LIGHTS:**

MONTHLY RATES PER LAMP FOR COMPANY OWNED LIGHTS:

Sodium Vapor	Rate per Month
Lamp Wattage	per lamp
50	\$8.16
70	\$9.32
100	\$10.47
150	\$12.43
200	\$14.84
250	\$16.68
310	\$19.19
400	\$22.46
1000	\$49.61

#### COMPANY OWNED LIGHTS - SPECIAL TERMS AND CONDITIONS:

- 1. 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. Ownership of Facilities: The Company shall own, operate, and maintain all facilities installed by the Company under this schedule.
- 3. Types of Luminaires: 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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