EXHIBIT NO. ___(JAH-9)
DOCKET NO. UE-04____/UG-04___
2004 PSE GENERAL RATE CASE
WITNESS: JEFFREY A. HEIDELL

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,	
Complainant,	
v.	Docket No. UE-04 Docket No. UG-04
PUGET SOUND ENERGY, INC.,	
Respondent.	

EIGHTH EXHIBIT TO PREFILED DIRECT TESTIMONY OF JEFFREY A. HEIDELL (NONCONFIDENTIAL) ON BEHALF OF PUGET SOUND ENERGY, INC.

Fourth Revised Sheet No. 116-A Canceling Third Revised Sheet No. 116-A

PUGET SOUND ENERGY SCHEDULE NO. 16 (Continued) General Gas Lighting and Street Lighting Service (Optional)

Section 4: Rate

1.	Fla dou	t delivery cha	arge per approved gas light mantle not more than three inches in height, or with orifice(s) sized to limit input to 3,000 Btu's per hour.	40
		1 to 4	@ \$12.96 each per month as specified above	(I)
	b.	5 to 9	@ \$11.96 each per month as specified above	(1)
	C.	10 or more	@ \$10.96 each per month as specified above	(1)

- 2. Gas Cost per mantle per month, equal to the sum of the rates as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.
- 3. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.
- 4. The charge for this service shall not be subject to cancellation or reduction for seasonal or temporary periods.

Section 5: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

Issued: April 5, 2004 Effective: May 6, 2004

Advice No.: 2004-10

Issued By Puget Sound Energy

Karl R. Karzmar Title: Director, Regulatory Relations

Ex. No. ___(JAH-9) Page 1 of 23

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Bv:

Forty-Eighth Revised Sheet No. 123 Canceling Forty-Seventh Revised Sheet No. 123

PUGET SOUND ENERGY SCHEDULE NO. 23 Residential General Service

Section 1: Availability

Throughout territory served to any residential Customer. Service under this schedule is provided on an annual basis

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in Company's tariff.

Section 3: Rate

For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units. (I) a. Customer charge per month, \$6.50 (N) Facility Charge: \$7.50 (T) Delivery Low Income Total Charge Program **Delivery Charge** (R) All therms per month 21.05¢ 0.149¢ 20.901¢ d. Gas Cost - All therms per month multiplied by the sum of the rates in ¢ per therm as (T) shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.

- 2. The minimum bill per month shall be the customer charge. The minimum bill for this service shall not be subject to cancellation or reduction for seasonal or temporary periods.
- 3. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 4: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Issued By Puget Sound Energy

By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 2 of 23

By:

Forty-Third Revised Sheet No. 131 Canceling Forty-Second Revised Sheet No. 131

PUGET SOUND ENERGY SCHEDULE NO. 31 Commercial and Industrial General Service

Section 1: Availability

Throughout territory served for commercial or industrial Customers. Service under this schedule is provided on an annual basis.

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in Company's tariff.

Section 3: Rate

- 1. For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units.

 a. Customer charge per month, \$30.00

 b. Delivery Low Income Total

 Charge Program Delivery Charge

 21,040 0, 119 0 22,059 0 All therms per month

 (R)
 - 21.940¢ 0.119¢ 22.059¢ All therms per month

 c. Gas Cost All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.
- Minimum bill per month shall be the customer charge. The minimum bill for this service shall not be subject to cancellation or reduction for seasonal or temporary periods.
- 3. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 4: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Karl R. Karzmar Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Ex. No. ___(JAH-9)
Testimony of James A. Heidell Page 3 of 23

Twenty-Ninth Revised Sheet No. 136-B

Canceling

Twenty-Eighth Revised Sheet No. 136-B

PUGET SOUND ENERGY SCHEDULE NO. 36 (Continued) Special Commercial Heating Service (Optional)

Section 6: Rate

1.	For purposes of this rate, the measurement of service shall be expressed in therms, each
	equivalent to 100,000 British thermal units.

a. Customer charge per month, \$30.00

(I)

b. Delivery Charge Low Income

Program

Ļ

Total

Delivery Charge 20.859¢ All therms per month

(R)

20.740¢ 0.119¢ 20.859¢ All therms per month

c. Gas Cost – All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.

- 2. Minimum bill per month shall be the customer charge. The minimum bill for this service shall not be subject to cancellation or reduction for seasonal or temporary periods.
- 3. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 7: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Issued By Puget Sound Energy

By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 4 of 23 Fiftieth Revised Sheet No. 141
Canceling
Forty-Ninth Revised Sheet No. 141

PUGET SOUND ENERGY SCHEDULE NO. 41

Large Volume High Load Factor Gas Service (Optional)

Section 1: Availability

Throughout territory served for large volume use where, in the Company's opinion, its facilities and gas supply are adequate to render the required service.

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in Company's tariff.

Section 3: Rate

1. For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units. a. Customer charge per month, \$140.00 (1) (i) b. Delivery demand charge, \$0.64 per therm per month as described in item 3. c. Gas supply demand charge in rates per therm per month as shown on Supplemental Schedule No. 101 (Sheet No. 1101-B) and as described in item 3. Delivery Low Income Total d. Program **Delivery Charge** Charge 14.921¢ 0.088¢ 15.009¢ Per month per therm for first 5,000 therms (R) 0.088¢ 12.263¢ Per month per therm for all over 5,000 therms (R) 12.175¢ e. Gas Cost - All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101(Sheet No. 1101) and Supplemental Schedule No. 106. 2. The minimum bill per month shall be equal to the sum of \$74.61 of delivery charge, the (R) customer charge, the delivery demand charge, the gas supply demand charge, and the Customer's consumption related gas costs. The minimum bill for this service shall not be

(Continued on Sheet No. 141-A)

Issued: April 5, 2004 Effective: May 6, 2004

subject to cancellation or reduction for seasonal or temporary periods.

Advice No.: 2004-10

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By: Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Ex. No. ___(JAH-9)
Testimony of James A. Heidell Page 5 of 23

Sixth Revised Sheet No. 150 Canceling Fifth Revised Sheet No. 150

PUGET SOUND ENERGY SCHEDULE NO. 50 Compressed Natural Gas (CNG) for Vehicle Fuel

Section 1: Availability

Throughout territory served. The gas sold under this rate schedule may be used only for vehicle fuel, purchased from Company facilities, for commercial fleets.

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in Company's tariff.

Section 3: Rate

- For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units.
 - a. Customer charge per month, \$150.00

Delivery b. Charge

Low Income Program

Total **Delivery Charge**

14.903¢ 0.119¢

15.022¢ All therms per month **(l)**

- Gas Cost All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.
- The minimum bill per month shall be the customer charge.
- The rates named herein are subject to increases as set forth in Schedule No. 1 and other 3. supplemental schedules, when applicable.

Section 4: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Issued By Puget Sound Energy

By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 6 of 23 Fifth Revised Sheet No. 151-A

Canceling

Fourth Revised Sheet No. 151-A

PUGET SOUND ENERGY SCHEDULE NO. 51 (Continued) Special Multiple Unit Housing Service (Optional)

Section 3: Rate

- 1. For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units.
 - a. Customer charge per month per dwelling unit, \$6.50

(I)

b. Delivery Low Income Total

<u>Charge</u> <u>Program</u>

Delivery Charge

24.233¢ 0.119¢

24.352¢ All therms per month

(I)

- c. Gas Cost All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.
- The minimum bill per month shall be the customer charge times the number of applicable dwelling units. The minimum bill for this service shall not be subject to cancellation or reduction for seasonal or temporary periods.
- 3. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 4: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Bv:

Karl R. Karzmar

Title: Director, Regulatory Relations

Effective: May 6, 2004

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 7 of 23 Fifth Revised Sheet No. 153-B Canceling

Fourth Sheet No. 153-B

PUGET SOUND ENERGY SCHEDULE NO. 53 Propane Service (Continued)

Section 5: Rate

1.	 For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units. 					
	a.		harge per month,			(1)
	b.	Facility Cha		, ,		(Ń)
	C.	Delivery	Low Income	Total		(T)
		Charge	Program	Delivery C	Charge	, ,
		20.901¢	0.149¢		All therms per month	(R)
	d.	Current qua	rterly average co	st of propar	ne fuel set forth in Supplemental Schedule No.	(T)

- Included in the rate stated in paragraph 1.b above is a facilities extension incremental
 revenue rate, to be applied toward the cost justification of providing the natural gas line
 extension to the area when deemed feasible by the Company in accordance with Section 4
 above. The incremental revenue rate is: \$0.06898 per therm.
- 3. The minimum bill per month shall be the customer charge. The minimum bill for this service shall not be subject to cancellation or reduction for seasonal or temporary periods.
- 4. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 6: Payment

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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: NO.. 2004-10

Issued By Puget Sound Energy

By: Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 8 of 23 Ninth Revised Sheet No. 157-B Canceling Eighth Revised Sheet No. 157-B

PUGET SOUND ENERGY SCHEDULE NO. 57 (Continued) Distribution System Transportation Service (Firm and Interruptible)

Section 5: Priority of Service

Sales gas volumes shall be measured as first through the meter. Following measurement of sales gas service, transportation services will be provided in the following sequence:

- a. Firm transportation service.
- b. Interruptible transportation service.
- c. Balancing service.
- d. Unauthorized use of gas.

Section 6: Telemetering Requirement

- Service under this schedule requires Company-specified metering/telemetering equipment or data transmission equipment as specified in the distribution system transportation service agreement.
- 2. The cost of the initial installation of metering/telemetering equipment or data transmission equipment at the Customer's facility, including associated labor costs, will be borne by the Company. The Customer shall pay for the initial installation cost and ongoing charges for telephone service required by the telemetering or data transmission equipment. The cost of any subsequent change in the metering/telemetering equipment or data transmission equipment, including associated labor costs, necessitated by a change in the Customer's requirements, will be charged to the Customer. After the above-described initial installation, any Company-ordered changes or additions in metering/telemetering equipment, data transmission equipment, and any associated facilities required for the installation, will be acquired and installed at the Company's expense.

Section 7: Rates and Charges

- 1. For purposes of this rate, the measurement of service shall be expressed in therms, each equivalent to 100,000 British thermal units.
- 2. Customer charge per month: \$800.00
- 3. Transportation firm contract delivery demand charge: \$1.26 per therm of daily contract demand per billing period.

(Continued on Sheet No. 157-C)

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By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 9 of 23

(l)

Ninth Revised Sheet No. 157-C Canceling

Eighth Revised Sheet No. 157-C

PUGET SOUND ENERGY SCHEDULE NO. 57 (Continued)

Distribution System Transportation Service (Firm and Interruptible)

4. Transportation service commodity charge (for all therms delivered):

rransportation service commodity charge (for all therms delivered).						
Transportation	Low	Total Transpor	Total Transportation			
Service Commodity	Income	Service Comm	odity			
Charge	<u>Program</u>	<u>Charge</u>	-			
13.413¢	0.064¢	13.477¢	Per month per therm for first 25,000 therms			
8.648¢	0.041¢	8.689¢	Per month per therm for next 25,000 therms			
5.616¢	0.027¢	5.643¢	Per month per therm for next 50,000 therms			
3.707¢	0.018¢	3.725¢	Per month per therm for next 100,000 therms			
2.808¢	0.014¢	2.822¢	Per month per therm for next 300,000 therms			
2.247¢	0.011¢	2.258¢	Per month per therm for all over 500,000 therms			

- 5. Balancing service charge of 0.061¢ per therm for all therms delivered, for the allocated cost of storage facilities included in the sales portfolio (of which 0.058¢ per therm shall be credited to FERC Account 191 monthly.).
- 6. Transportation costs as set forth in the service agreement will be billed to the Customer's account.
- 7. The minimum monthly charge hereunder shall be the sum of the customer charge, the firm contract demand charge, and amounts otherwise due under this schedule. The minimum monthly charge shall not be subject to cancellation or reduction for seasonal or temporary periods.
- 8. The rates named herein are subject to conditions and adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 8: Unauthorized Use of Gas

If the Customer fails to comply with the Company's request to partially or totally curtail its use of gas in accordance with the provisions set forth in Section 15 of this rate schedule, all gas used in excess of such curtailment will be billed at the applicable Rate Schedule No. 41 delivery and gas cost commodity rates; and, in addition, the Customer shall pay any applicable penalties as described in Rule 23 of this tariff. The provisions of this paragraph are exclusive of, and in addition to, the Company's right to enforce compliance with its curtailment or interruption request by immediate suspension of all gas service to the Customer.

(Continued on Sheet No. 157-D)

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By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 10 of 23

(l)

Fourth Revised Sheet No. 157-G Canceling Third Revised Sheet No. 157-G

PUGET SOUND ENERGY SCHEDULE NO. 57 (Continued)

Distribution System Transportation Service (Firm and Interruptible)

2. Overrun:

a. The accumulated daily delivered volumes for the current billing period in excess of the accumulated confirmed nominations shall constitute the monthly overrun and will be billed at the following overrun rates:

Percentage of Overrun	<u>Charge</u>	
0-5%	No charge; roll into subsequent billing period	(N)
5-10%	No charge; subsequent billing period to clear	
>10%	\$2.00 per therm; no right to clear	

b. The customer will be given the subsequent billing period to balance the overrun volume between five percent and ten percent ("excess volume") to within five percent. In the event the excess volume has not been balanced within five percent at the end of the subsequent billing period, the customer will be billed at an amount equal to the unbalanced excess volume at a charge of \$1.00 per therm. If the overrun volume is greater than ten percent, the customer will be billed at an amount equal to the overrun volume in excess of ten percent at a charge of \$2.00 per therm.

Underrun:

a. The monthly underrun volumes will be the deficiency between the accumulated daily delivered volumes for the current billing period and the accumulated daily confirmed nominations. Title to underrun volumes will automatically transfer to the Company according to the following schedule:

Percentage of Underrun	<u>Transfer</u>	
0-5%	No transfer; roll into subsequent billing period	(N)
5-10%	No transfer; subsequent billing period to clear	
>10%	Transfer of title, no right to clear	

b. The customer will be given the subsequent billing period to balance the underrun volume between five percent and ten percent ("deficiency volume") to within five percent. In the event the deficiency volume has not been balanced within five percent at the end of the subsequent billing period, the company will take title to the unbalanced deficiency volume at no cost. If the underrun volume is greater than ten percent, the company will take title to the amount of the underrun volume in excess of ten percent at no cost.

(Continued on Sheet No. 157-H)

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By: Karl R. Karzmar Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 11 of 23 Second Revised Sheet No. 157-H Canceling First Revised Sheet No. 157-H

PUGET SOUND ENERGY SCHEDULE NO. 57 (Continued) Distribution System Transportation Service (Firm and Interruptible)

Distribution System Pransportation Convict (Firm and Michaella)

- 4. Constraint period provision: If the delivery of the Customer's gas supply is delayed because of a Company-imposed constraint (curtailment or entitlement) of service, the period for balancing the volume delivered to the Customer with the Customer's confirmed nomination will be extended by the number of days service was constrained.
- 5. Balancing upon termination: If there exists an overrun upon termination of service or upon transfer to another schedule in this tariff, the following charges apply: Overrun < 5% if not cleared by Customer in subsequent billing period at a charge equal to the cost of gas as shown on Schedule No. 101 (including taxes) for the schedule they moved to or are eligible for; Overrun or underrun of 5-10% or of > 10% the provisions of 2. or 3. above, respectively, apply. If an underrun of < 5% exists the Customer should either be provided the gas at no charge or paid for the gas on the same basis as charging for a similar amount of overrun.

Section 13: Balancing Services--Aggregation

A Customer with meters at multiple sites may aggregate such meters for the purpose of determining the calculation of any balancing service charges. Aggregated meters must be served by a single city gate as determined by the Company, at its sole discretion, and will be specified in the Customer's service agreement.

Section 14: Balancing Services--Constraint Periods

- 1. Constraint periods, to be declared at the sole judgment and discretion of the Company, may occur as described in Rule 23 of this tariff.
- 2. Each constraint period will be specified as either a distribution system curtailment, an overrun entitlement, or an underrun entitlement. Only one type of constraint period may exist at any one time.
 - a. Distribution system curtailment: Allowable daily delivered volumes are limited to the lesser of the contracted daily firm demand or the confirmed nomination. Volumes consumed in excess of the allowed volumes will be billed at the unauthorized use of gas rate described in Section 8 of this schedule.
 - b. Overrun entitlement: Allowable daily delivered volumes are limited to less than or equal to 103% of the confirmed nomination. Volumes delivered in excess of 103% of the confirmed nomination will be billed at the unauthorized use of gas rate described in Section 8 of this schedule.
 - c. Underrun entitlement: Allowable daily delivered volumes must be greater than or equal to ninety-five percent of confirmed nominations, constituting a five percent tolerance level. Title to quantities in excess of the five percent tolerance will automatically transfer to the Company at no cost.

(Continued on Sheet No. 157-I)

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By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 12 of 23

(N)

(N)

Nineteenth Revised Sheet No. 171 Canceling Eighteenth Revised Sheet No. 171

PUGET SOUND ENERGY SCHEDULE NO. 71 Residential Water Heater Rental Service

Section 1: Availability; Closed to New Accounts

- Throughout territory served, at the option of the Company, for residential use in single- or multiple-dwelling units where the Customer qualifies for and has entered into an agreement with the Company for the rental of water heater(s) owned and maintained by the Company.
- Rental service is restricted for all models of water heaters with energy factors less than .60 as indicated in Section 3 below.

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in Company's tariff.

Section 3: Rates

 Monthly rental charge for water heaters of not over fifty-five gallon storage capacity or 60,000 Btu input:

a.	Standard Models	\$7.20*	(I)
b.	Conservation Models	\$11.55**	Ĭ
C.	Direct Vent Models	\$16.45**	i
d.	High Recovery Models	\$14.75**	į
e.	High Efficiency Standard (Energy Factor ≥ .60) ¹	\$5.75***	İ
f.	High Efficiency Direct Vent (Energy Factor ≥ .60) ¹	\$10.00***	(l)

- As listed in the current Gas Appliance Manufacturers Association publication, "Consumers' Directory of Certified Energy Ratings."
- * Limited to those existing installations where tank is owned and maintained by the Company and was being served under this schedule as of May 21, 1986.
- ** Limited to those existing installations where tank is owned and maintained by the Company and was being served under this schedule as of October 9, 1993.
- *** Limited to those existing installations where tank is owned and maintained by the Company and was being served under this schedule as of June 18, 2000.

(Continued on Sheet No. 171-A)

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By: Karl R. Karzmar Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 13 of 23 Twentieth Revised Sheet No. 172 Canceling Nineteenth Revised Sheet No. 172

PUGET SOUND ENERGY SCHEDULE NO. 72 Large Volume Water Heater Rental Service

Section 1: Availability; Closed to New Accounts

- Throughout the territory served, at the option of the Company, to commercial or industrial
 Customers who qualify for and have entered into an agreement with the Company for the
 rental of large volume gas water heaters or boilers owned and maintained by the Company.
- Rental service is restricted for all sizes and types of water heaters as listed in Section 3, paragraph 1 below.

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in the Company's tariff.

Section 3: Rates

1.	Size & Type of Water Heater	BTU Input		Monthly Rental Charge			
	25 - 40 gallon storage	30,000 to	50,000	\$8.55	****	(1)	
	45 - 55 gallon storage	70,000 to	79,000	\$11.20	***	Ï	
	45 - 55 gallon storage	51,000 to	75,000	\$11.20	****	Ì	
	50 - 65 gallon storage	60,000 to	69,000	\$17.50	****	Ì	
	60 - 84 gallon storage	70,000 to	129,000	\$22.85	***	Ì	
	75 - 90 gallon storage	130,000 to	169,000	\$30.55	***	İ	
	75 -100 gallon storage	170,000 to	200,000	\$35.45	****	· i	
	68 - 79 gallon storage	201,000 to	369,000	\$50.35	***	(i)	

Limited to those existing installations where tank is owned and maintained by the Company and was being served under this schedule as of May 21, 1986.

(Continued on Sheet No. 172-A)

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By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Ex. No. ___(JAH-9) Page 14 of 23

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Limited to those existing installations where tank is owned and maintained by the Company and was being served under this schedule as of June 18, 2000.

Thirteenth Revised Sheet No. 174
Canceling
Twelfth Revised Sheet No. 174

PUGET SOUND ENERGY SCHEDULE NO. 74 Gas Conversion Burner Rental Service

Section 1: Availability; Closed to New Accounts

- 1. Throughout territory served, at the option of the Company, to only those residential Customers on Rate Schedule No. 23 and commercial Customers on Rate Schedules No. 31, 36, or 41 whose premises are adjacent to any street, alley, or lane in which the Company's mains with adequate capacity to serve the load are located, who qualify for and have entered into an agreement with the Company for the rental of gas conversion burners owned and maintained by the Company.
- 2. The availability of this schedule is limited to those existing installations where the equipment is owned and maintained by the Company and was being served under this schedule as of October 9, 1993.

Section 2: General Rules and Regulations

Service under this schedule is subject to the rules and regulations contained in the Company's tariff.

Section 3: Rates

1. Monthly rental charge for residential and commercial conversion burners:

Burner Input B	tu's Per Hour	Standard Models	Conservation Models	
45,000 to	400,000	\$ 5.05	\$7.60	(I)
401,000 to	700,000	\$13.40		1
701,000 to	1,300,000	\$18.10		(Ī)

2. The rates named herein are subject to subsequent tariff revisions and to additions as set forth in Schedule No. 1.

Section 4: Payment

The rental charge will be billed as such and is payable monthly in accordance with the Company's regular billing schedule for gas service.

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By:

Karl R. Karzmar

Title: Director, Regulatory Relations

Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 15 of 23 Eleventh Revised Sheet No. 185-C Canceling Tenth Revised Sheet No. 185-C

PUGET SOUND ENERGY SCHEDULE NO. 85 (Continued) Interruptible Gas Service with Firm Option

Section 6: Unauthorized Use of Gas

If the Customer fails to comply with the Company's request to partially or totally curtail use of gas in accordance with the conditions set forth in Section 5 of this schedule and in Rule 23 of this tariff, penalties described in Rule 23 will be assessed to the Customer.

Section 7: Rates

- 1. For purposes of this rate, the measurement of service shall be expressed in therms, one therm being the equivalent of 100,000 British thermal units.
- 2. Customer charge per month, \$600.00

(I)

3. The total interruptible gas rate shall be the sum of the total interruptible delivery charges and the gas cost charge.

a.	Interruptible Delivery Charge	Low Income <u>Program</u>	Total Inte Delivery (•	
	10.697¢	0.064¢	10.761¢	Per month per therm for first 25,000 therms	(1)
	7.584¢	0.041¢	7.625¢	Per month per therm for next 25,000 therms	(1)
	5.821¢	0.027¢	5.848¢	Per month per therm for all over 50,000 therms	(1)

 b. Gas Cost – Interruptible gas cost is: All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.

(Continued on Sheet No. 185-D)

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By:

_ Karl R. Karzmar

Title: Director, Regulatory Relations

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Fourteenth Revised Sheet No. 185-D Canceling
Thirteenth Revised Sheet No. 185-D

PUGET SOUND ENERGY SCHEDULE NO. 85 (Continued) Interruptible Gas Service with Firm Option

- 4. The total firm gas rate shall be the sum of the demand charges and commodity charge as defined below:
 - a. Delivery demand charge: \$1.26 per therm per month multiplied by the maximum daily delivery of firm use gas as set forth in the service agreement.
 - b. Gas supply demand charge: a rate per therm per month as shown on Supplemental Schedule No. 101 (Sheet No. 1101-B) multiplied by the maximum daily delivery of firm use gas as set forth in the service agreement.
 - c. Commodity charge: All firm gas shall be combined with the Customer's interruptible gas and billed at the interruptible gas rates for delivery and gas costs in part 3 herein.
- 5. Minimum monthly charge:
 - a. Minimum monthly therms for the purpose of calculating the minimum monthly charge shall be the greater of:
 - (1) fifty percent of the Customer's highest monthly volume in the last twelve months; or
 - (2) 15,000 therms.
 - b. The minimum monthly charge shall be the sum of:
 - (1) the customer charge;
 - (2) the firm delivery demand charge;
 - (3) the firm gas supply demand charge;
 - (4) the total interruptible gas rate applied to all monthly therms delivered; and
 - (5) if the monthly therms delivered are less than the minimum monthly therms, the difference of the minimum monthly therms less monthly therms delivered multiplied by the Company's initial block total interruptible delivery charge (Section 7, item 3.a.).
 - c. A provision for the suspension of the interruptible portion of the minimum charge for a specified period may be made as part of the service agreement executed by the Company and the Customer.
- 6. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 8: Payment of Bills

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Eleventh Revised Sheet No. 186-C Canceling Tenth Revised Sheet No. 186-C

PUGET SOUND ENERGY SCHEDULE NO. 86 (Continued) Limited Interruptible Gas Service with Firm Option (Optional)

Section 6: Unauthorized Use of Gas

If the Customer fails to comply with the Company's request to partially or totally curtail use of gas in accordance with the conditions set forth in Section 5 of this schedule and in Rule 23 of this tariff, penalties described in Rule 23 will be assessed to the Customer.

Section 7: Rates

- 1. For purposes of this rate, the measurement of service shall be expressed in therms, one therm being the equivalent of 100,000 British thermal units.
- 2. Customer charge per month, \$165.00

(1)

- 3. The total interruptible gas rates shall be the sum of the total interruptible delivery charges and the gas cost charge.
 - a. Interruptible

Delivery	Low Income	Total Inte	rruptible	
Charge	<u>Program</u>	Delivery C	Charge	
20.127¢	0.088¢	20.215¢	Per month per therm for first 1,000 therms	(R)
15.137¢	0.088¢	15.225¢	Per month per therm for all over 1,000 therms	(R)
Con Cont	Intermentible see s	antine All t	harma nar manth multipliad but he acces of the	` ′

b. Gas Cost – Interruptible gas cost is: All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.

(Continued on Sheet No. 186-D)

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Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 18 of 23 Twelfth Revised Sheet No. 186-D Canceling Eleventh Revised Sheet No. 186-D

PUGET SOUND ENERGY SCHEDULE NO. 86 (Continued) Limited Interruptible Gas Service with Firm Option (Optional)

- 4. The total firm gas rate shall be the sum of the demand charges and commodity charge as defined below:
 - a. Delivery demand charge: \$1.26 per therm per month multiplied by maximum daily delivery of firm use gas as set forth in the service agreement.
 - b. Gas supply demand charge: a rate per therm per month as shown on Supplemental Schedule No. 101 (Sheet No. 1101-B) multiplied by the maximum daily delivery of firm use gas as set forth in the service agreement.
 - c. Commodity charge: All firm gas shall be combined with Customer's interruptible gas and billed at the interruptible gas rates in part 3 herein.
- 5. The minimum monthly charge shall be the sum of the customer charge (Section 7, item 2) and the demand charges (Section 7, items 4.a. and 4.b.).
- 6. Minimum annual charge:
 - a. The minimum annual charge shall be the combination of the minimum annual purchase obligation of 10,000 therms multiplied by the Company's initial block total interruptible delivery charge (Section 7, item 3.a.), plus the sum of the monthly demand charges (Section 7, items 4.a. and 4.b.) plus the sum of the monthly customer charges (Section 7, item 2.). The 10,000 therm minimum annual purchase obligation portion of the minimum annual charge shall be prorated for partial years of gas service or for the number of days that service was available without curtailment.
 - b. Any payments for gas used in excess of curtailment requests, as set forth in Rule No. 23. shall not be credited to minimum annual charge.
 - c. The annual period for purposes of determining minimum annual billing charges shall be the twelve-month period ending with the September billing cycle. Minimum annual billing charges, if applicable, will be added to the September billing.
- 7. The rates named herein are subject to adjustments as set forth in Schedule No. 1 and other supplemental schedules, when applicable.

Section 8: Payment of Bills

Bills are issued net, are due and payable when rendered, and become past due after fifteen days from date of bill.

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Twelfth Revised Sheet No. 187-D

Canceling

Eleventh Revised Sheet No. 187-D

PUGET SOUND ENERGY SCHEDULE NO. 87 (Continued) Non-Exclusive Interruptible Gas Service with Firm Option (Optional)

Section 7: Rates

- 1. For purposes of this rate, the measurement of service shall be expressed in therms, one therm being the equivalent of 100,000 British thermal units.
- 2. Customer charge per month, \$800.00

(1)

- 3. The monthly contract volume charge shall be the tailblock of the total interruptible delivery charge per therm identified in item 4.a. below multiplied by the deficiency volume, if any, defined as (a) the monthly contract volume, minus (b) the total interruptible gas delivered.
- 4. The total interruptible gas rates shall be the sum of the contract volume charge and the total interruptible delivery charges and the gas cost charge.

a.	Interruptible	Low			
	Delivery	Income	Total Interruptibl	e	
	Charge	<u>Program</u>	Delivery Charge		
	13.413¢	0.064¢	13.477¢	Per month per therm for first 25,000 therms	(1)
	8.648¢	0.041¢	8.689¢	Per month per therm for next 25,000 therms	Ϋ́
	5.616¢	0.027¢	5.643¢	Per month per therm for next 50,000 therms	Ì
	3.707¢	0.018¢	3.725¢	Per month per therm for next 100,000 therms	Ī
	2.808¢	0.014¢	2.822¢	Per month per therm for next 300,000 therms	Ì
	2.247¢	0.011¢	2.258¢	Per month per therm for all over 500,000 therms	(1)

- b. Gas Cost Interruptible gas cost is: All therms per month multiplied by the sum of the rates in ¢ per therm as shown on Supplemental Schedule No. 101 (Sheet No. 1101) and Supplemental Schedule No. 106.
- 5. The total firm use gas rate shall be the sum of the demand charges and commodity charge as defined below:
 - Delivery demand charge: \$1.26 per therm per month multiplied by the maximum daily delivery of firm use gas as set forth in the service agreement.

(1)

- b. Gas supply demand charge: a rate per therm per month as shown on Supplemental Schedule No. 101 (Sheet No. 1101-B) multiplied by the maximum daily delivery of firm use gas as set forth in the service agreement.
- c. Commodity charge: All firm use gas shall be combined with Customer's interruptible gas and billed at the interruptible gas rates in part 4. herein.

(Continued on Sheet No. 187-E)

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Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 20 of 23 Twenty-Fifth Revised Sheet No. 1101 Canceling Twenty-Fourth Revised Sheet No. 1101

PUGET SOUND ENERGY SUPPLEMENTAL SCHEDULE NO. 101 Gas Cost Rates

Maximum P.S.E. Rate Effective at Date Ordered by Washington Utilities & Transportation Commission

Section 1 : Applicability
Throughout territory served.

Section 2: Purpose

To reflect the demand and commodity cost of gas applicable to each sales rate schedule on a unit-of-sales basis, from the most recent Purchased Gas Adjustment pursuant to Rule No. 26.

Section 3: Rate

PISIE WEIGHTED AVERAGE COST OF GAS

	P.S.E. WEIGH	HED AVERAGE COS	OF GAS		
Schedule No.	Demand Cost	Commodity Cost	Total Rate	Total Rate with Revenue Related Taxes	
	¢ per therm	¢ per therm	¢ per therm	¢ per therm	
(a)	(b)	(c)	(d)=(b)+(c)	(e)=(d) *1.04779	(1)
Residential 23 16*	10.833 \$1.46*	42.243 \$8.03*	53.076 \$9.49*	55.613 \$9.94*	(l) (l)
Commercial & Industrial 31,36, & 51 41 50	9.764 5.466 3.508	42.243 42.243 42.243	52.007 47.709 45.751	54.492 49.989 47.937	(1) (1)
Large Volume 85 86 87	7.523 7.523 4.526	42.243 42.243 42.243	49.766 49.766 46.769	52.144 52.144 49.004	(I) (I)

^{*} for Schedule No.16, cost is per mantle at 19 therms per mantle per month.

The rates named herein are subject to increases as set forth in Schedule No. 1.

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Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 21 of 23 First Revised Sheet No. 1101-B

Canceling

Original Sheet No. 1101-B

PUGET SOUND ENERGY SUPPLEMENTAL SCHEDULE NO. 101 Gas Cost Rates

Section 5: Gas Supply Demand Charge Rates for Natural Gas Service

Schedule No.	Demand Cost	Total Rate with Revenue Related Taxes	
	\$ per therm	\$ per therm	
(a)	(b)	(c)=(b)*1.04779	(1)
Commercial & Industrial 41	\$ 1.00	\$ 1.05	(1)
<u>Large Volume</u> 85 86	\$ 1.00 \$ 1.00	\$ 1.05 \$ 1.05	. (I) I
87	\$ 1.00	\$ 1.05	ά

The rates named herein are subject to increases as set forth in Schedule No. 1.

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Karl R. Karzmar

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Eighth Exhibit to Prefiled Direct Testimony of James A. Heidell

Ex. No. ___(JAH-9) Page 22 of 23 Twenty-Eighth Revised Sheet No. 1106 Canceling Twenty-Seventh Revised Sheet No. 1106

PUGET SOUND ENERGY SUPPLEMENTAL SCHEDULE NO. 106 Deferred Account Adjustment

Section 1: Applicability Throughout territory served.

Section 2: Purpose

To return to current sales service customers the net of those amounts generated by application of refunds and surcharges from purchased gas costs.

Section 3: Rate

 The rates of firm gas service schedules listed in this paragraph are to be adjusted as shown in all blocks of these rate schedules, including its application to minimum charges related to therms if the increase thereby is 0.5¢ or greater.

			Rate with revenue	
		Rate before taxes	related taxes	
		¢ per therm	¢ per therm	
a.	Rate Schedule No. 23	(1.200)	(1.257)	(I)
b.	Rate Schedules No. 31, 36, and 51	(1.262)	(1.322)	ļ
C.	Rate Schedule No. 41	(1.512)	(1.584)	
d.	Rate Schedule No. 50	(1.625)	(1.703)	(I)

2. The charge for gas lighting service under Rate Schedule No. 16 is to be adjusted per month per mantle as shown.

a. Rate Schedule No. 16

per month per mantle per month per mantle \$(0.26) \$(0.27)

3. The rates for interruptible gas service schedules listed in this paragraph are to be adjusted as shown in all blocks. Minimum charges to remain as is.

		¢ per therm	¢ per therm	
a.	Rate Schedule No. 85	(1.392)	(1.459)	(1)
	Rate Schedule No. 86	(1.392)	(1.459)	
	Rate Schedule No. 87	(1.566)	(1.641)	(1)

4. The rates named herein are subject to increases as set forth in Schedule No. 1.

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