

Time-of-use Rate May Reduce Energy Costs

Are you able to conveniently shift KWHL to KWHL? Examples of the most convenient ways to shift energy use include:

- ✓ Install a time clock on a water heater to only operate during KWHL.
- ✓ Operate appliances only during KWHL (e.g., clothes washer, dryer and dishwasher).
- ✓ Reduce the temperature setting of your heating system during KWHL.
- ✓ Alter your lifestyle and habits to shift other energy use to KWHL.

Notices

By signing this Application, you agree to the terms and conditions of smart metering and time-of-use rates in Chapter 13.12 of the Port Angeles Municipal Code.

The City reserves the right to change terms, rates, and requirements. The City makes no warranty, expressed or implied, that the examples of ways to shift energy use are appropriate or your energy costs will be more or less under the uniform rate or time-of-use rate.

The Customer shall indemnify and hold harmless the City, its officers, officials, employees, and volunteers harmless from any and all claims, injuries, damages, losses or suits, including attorney fees, arising or issuing out of or in connection with smart metering and time-of-use rates, except as may be caused by the sole negligence or willful conduct on the part of the City.

To Participate You Must...

- ❖ Be a City of Port Angeles residential electric utility customer.
- ❖ Be charged the time-of-use rate for a minimum term of one-year.
- ❖ Complete and return this application along with a \$400 payment.

It's Easy To Participate

Step 1 The first step is to complete and sign the application below.

Step 2 Mail this application and \$400 payment to:

**City of Port Angeles
Customer Service
P.O. Box 1150
Port Angeles, WA 98362-0217**

Step 3 City installation of the smart meter may take up to six weeks.

Application (Please Print)

Customer Name:
Mailing Address:
Port Angeles Service Address (if different):
Utility Account Number:
Phone:

Customer Signature

Date

Smart Metering & Time-Of-Use Rate



Residential Application

For more information

Visit the City's website at:
www.cityofpa.us

Contact the City by mail at:
**City of Port Angeles
P.O. Box 1150
Port Angeles, WA 98362-0217**

Energy Policy Act

On August 8, 2005, the Energy Policy Act was signed into law. The Act is an unfunded federal mandate that requires all electric utilities to offer customers smart meters and time-based rates no later than February 8, 2007.

The Act also requires the City to determine if smart metering and time-based rates will continue to be optional or required after August 8, 2007.

Time-based rates reflect the City's cost of purchasing electricity at the wholesale level from the Bonneville Power Administration.

Smart Metering

A typical meter records energy use and keeps track of total energy use, but does not record which day or what time of day energy was consumed. A smart meter is required in order to participate in the optional time-of-use rate. A smart meter is programmable and separately records energy usage during heavy-load hours (KWHL) and light-load hours (KWHL), and peak demand during KWHL.

Time-Based Costs

About 56% of the City's electric utility costs are for wholesale purchases from the Bonneville Power Administration (BPA). Approximately 96% of wholesale costs are time-based. Time-based costs include energy used during KWHL and KWHL.

Definitions

KWHL: is energy used from 6:00 A.M. to 10:00 P.M. Monday through Saturday between monthly meter readings.

KWHL: is energy used during all other hours (excluding KWHL) between monthly meter readings.

Pacific Prevailing Time applies.

Costs & Potential Savings

Customers have to pay a smart meter charge and a utility service fee if they choose to participate in the time-of-use rate. The smart meter charge is \$375 and the utility service fee is \$25, for a total of \$400. The monthly basic charge under the time-of-use rate is the same as the uniform rate. The KWHL rate per kWh is about 13% higher than the uniform rate; the KWHL rate per kWh is about 23% lower than the uniform rate.

Based on typical customer consumption, the potential savings is no more than 20% (\$17 per month) by shifting all HLH energy use to LLH's (not possible for most customers). Your actual savings under the time-based rate will vary.

The BPA can adjust wholesale rates and the City can adjust retail rates, which can affect your energy costs and potential savings.

The smart meter charge is not refundable. If a customer chooses to return to the uniform rate a \$25 utility service fee will be charged.

Need More Information?

If you would like a copy of the time-of-use rate schedule please visit our website at www.cityofpa.us or call 417-4710.

Uniform Rate

You are currently charged a uniform rate which includes two components:

1. \$11.00 monthly basic charge.
2. \$0.0545 uniform energy charge per kWh.

The estimated monthly energy cost based on average customer consumption is:

- A. \$11.00 monthly basic charge
- B. \$70.97 energy charge¹
\$81.97 Total

Optional Time-of-use Rate

The optional time-of-use rate consists of three components:

1. \$11.00 monthly basic charge.
2. \$0.0618 KWHL rate.
3. \$0.0417 KWHL rate.

The estimated monthly energy cost based on average customer consumption is:

- A. \$11.00 monthly basic charge
- B. \$51.30 KWHL²
- C. \$19.67 KWHL²
\$81.97 Total

¹Based on 1,302 kWh's per month.

²Based on 830 KWHL and 472 KWHL.