# Monthly Promotions April 2013 Puget Sound Energy bill inserts and information

Included in your electronic or mailed statement is information on ways to save energy and manage costs, as well as safety tips.

## **Download Inserts**

- Promotion: Save up to \$15 on qualifying energy-efficient bulbs; Find the right bulb for your home
- Contest: Re-Energized by Design: Tune in and watch as PSE customers compete to win.
- <u>Promotion</u>: Discover the benefits of living in a Northwest ENERGY STAR<sup>®</sup> Home; Know the facts before you buy a home
- Promotion: Get a \$1,200 rebate for an energy-efficient ductless heat pump system or get a \$1,500 rebate when you upgrade with an airsource heat pump system.
- Promotion: Get up to \$1,700 in instant rebates for insulation; Find the right contractor with PSE's Contractor Alliance Network
- Notice: May 16 public hearing on PSE requested rate increases
- Report: 2012 Service Quality Report Card
- Envelope messaging for current month's bill
- Bill print messages
- · Back of bill information



## BRIGHTENING UP YOUR HOME IS RE-ENERGIZING

Puget Sound Energy offers up to **\$4 off** ENERGY STAR® CFL bulbs at participating retailers and up to **\$15** off qualifying LED bulbs. ENERGY STAR qualifying CFL and LED bulbs use up to **80 percent less energy** than conventional incandescent bulbs. Visit **PSE.com/Lighting** for a complete list of retail locations.

Look for the PSE logo at your local retail store to find instant discounts on efficient lighting products. Use the guide on the back to find the perfect bulbs for your home.

**PSE.COM/LIGHTING** 



## **Least Efficient**

## **Most Efficient**









	INCANDESCENT	HALOGEN	CFL	LED
ENERGY USE				12W
LIFE SPAN				25 years
COLOR	WARM WHITE	WARM WHITE	WARM WHITE BRIGHT WHITE COOL DAYLIGHT	WARM WHITE BRIGHT WHITE COOL DAYLIGHT
BRIGHTNESS (Avg. amount of light)	775 LUMENS	710 LUMENS	850 LUMENS	850 LUMENS
LIFETIME OPERATING COST	\$150	\$100	\$30	\$25

Go to **PSE.com/Lighting** for more information on bulb brightness, color, dimmability, life span and more! 4567 01/13

## **COOL TWIST**

Lifetime savings per bulb\*





\$125 savings

\*Savings will vary based on electricity rates and typical use.

For help choosing energyefficient bulbs, call a PSE Energy Advisor at 1-800-562-1482, Monday through Friday, 8 a.m. to 5 p.m.





# by Design

Six local contestants. Five rooms. One big winner.

Great design + energy efficiency

Nho has what it takes?



Sayers Family, Bellingham: DIY dynamos on a mission

White Family, Redmond: Tapping the whole family's talent

Mendes Family, Seattle: Bringing their efficiency A-game



**Grafstein Family,** Shoreline: Making a new house their own



Bedford Family, Seattle: Fearing nothing - they bought a house from hoarders



Reilly Family, Bellingham: Taking their home from 'beige' to brilliant

# by Design

## Prizes:

- GE energy smart® CFLs and LEDs
- ENERGY STAR clothes washer/ dryer from Frigidaire
- Frigidaire Ultra Efficient Kitchen
- Grand Prize: \$5,000!



FRIGIDAIRE.

Tune in and watch as PSE customers compete to win at PSE.com/ReEnergizedbyDesign

- See weekly room makeover battles and eliminations
- · Learn how to maximize creativity on a small budget
- Find the inspiration to combine great design and energy efficiency in your home
- Get tips and deals on energy-efficient lighting, appliances and other ways to save energy in your home

Watch online episodes now!
PSE.COM/ReENERGIZEDBYDESIGN
FACEBOOK.COM/ReENERGIZE





# BEING COMFORTABLE IN YOUR HOME IS

## **RE-ENERGIZING**

**You can't see comfort.** But you can see all the details that go into creating it. If you're looking to be more comfortable living in your home, it's time to check out a Northwest ENERGY STAR® Home. These homes are built from the ground up to be the most efficient buildings possible.

#### The benefits of living in a Northwest ENERGY STAR Home:

- **Better for your pocketbook.** Homes are at least 15 percent more efficient than homes built to code, making them some of the most energy-efficient homes on the market today.
- Increased comfort. From the low U-factor windows and mastic-sealed ductwork to the high-performance heat pump and properly installed insulation, your home will have a feeling of coziness and comfort.
- Healthier indoor air. Providing proper ventilation, minimizing air leaks and installing point source ventilation in bathrooms and laundry rooms for moisture management ensures clean, healthy indoor air and better for the environment.

N O R T H W E S T
ENERGY STAR
HOMES

**PSE.COM/BuyANewHome** 

## Saving energy is good for you and the environment. PSE can help you get started.

For a list of ENERGY STAR® home builders in the area or to learn more information on the benefits of buying an ENERGY STAR qualified home, return this completed form with your bill payment or call a PSE Energy Advisor at **1-800-562-1482**, Monday through Friday, 8 a.m. to 5 p.m.

Name(please print)	Signature		
Service Address	City	State	ZIP
Mailing Address (if different)	City	_ State	_ZIP
Phone	PSE Account No. (optional)		
E-mail	Yes! Sign me up for PSE's free	Re-Energize	Your Home e-newslette

## KNOW THE FACTS BEFORE YOU BUY

Talk to your builder today about the benefits of purchasing an ENERGY STAR qualified home, and take one step closer to saving energy and money in a comfortable new home!







## GOING DUCTLESS IS RE-ENERGIZING

## Get a \$1,200 rebate from Puget Sound Energy for an energy-efficient ductless heat pump system

Ducts? Who needs 'em? With an efficient ductless heat pump system you stay warm in the winter, cool in the summer and save energy all year round. PSE offers a **\$1,200 rebate** when you Re-Energize your electric heating equipment by upgrading to a ductless heat pump.

To create your own referral for qualified contractors, visit **PSE.com/CAN.** For more information e-mail **energyefficiency@pse.com**, visit **PSE.com/Rebates** or call a PSE Energy Advisor at **1-800-562-1482**, Monday through Friday, 8 a.m. to 5 p.m. If you're interested in financing, ask about financing options or visit **PSE.com/EfficiencyFinancing.** 

Who qualifies? Residents living in an existing property with four units or less, heated mainly by electricity from PSE. Must install AHRI-certified equipment that is at least 1.0 ton in heating mode and uses inverter technology. Additional qualifications apply.

## MORE EFFICIENT **HOME HEATING IS RE-ENERGIZING**

## Get a \$1,500\* rebate when you upgrade with an air-source heat pump system

When you replace your forced-air electric furnace with a qualifying energy-efficient heat pump system you can stay warm in the winter, cool in the summer and save energy all year round. You will also enjoy the satisfaction of helping the environment and lowering your utility bill.

For more information, visit **PSE.com/Rebates** or call a PSE Energy Advisor at **1-800-562-1482**, Monday through Friday, 8 a.m. to 5 p.m or e-mail us at energyefficiency@pse.com. If you're interested in financing, ask about fincancing options or visit PSE.com/EfficiencyFinancing.

\*Written pre-approval is required. Qualifying products must be installed in a single-family property or attached housing with four units or less. Additional qualifications apply.













# WRAPPING YOUR HOME IN A BLANKET IS RE-ENERGIZING

## Get up to \$1,700 in instant rebates for insulation

Heating season is here, and if your home just never seems warm enough no matter how high you blast the heat, you may need to weatherize. Puget Sound Energy is offering **up to \$1,700** in instant rebates for qualifying weatherization upgrades.

Whole House Air Sealing	50 percent of the cost, up to \$300
Attic insulation (R-11 to R-49)	50 percent of the cost, up to \$400
Attic insulation (R-19 to R-49)	50 percent of the cost, up to \$200*
Wall insulation (R-0 to R-13)	50 percent of the cost, up to \$400
Floor insulation (R-11 to R-30)	50 percent of the cost, up to \$400
Duct sealing and insulation** (R-0 to R-11)	50 percent of the cost, up to \$500
Performance-tested duct sealing**	50 percent of the cost, up to \$300

Note: Income-eligible customers may qualify for free upgrades.
\*For electrically heated homes only. \*\*Measures cannot be combined.

To create your own referral for qualified contractors, visit **PSE.com/CAN**. For more information, visit **PSE.com/Rebates**, call a PSE Energy Advisor at **1-800-562-1482**, Monday through Friday, 8 a.m. to 5 p.m. or e-mail **energyefficiency@pse.com**. If you're interested in financing, ask about financing options or visit **PSE.com/EfficiencyFinancing**.

Insulation rebates available only to customers with homes permitted or built prior to 1990. Work must be completed by an independent contractor pre-authorized by PSE. Additional qualifications apply.

## FINDING THE RIGHT CONTRACTOR IS RE-ENERGIZING

Puget Sound Energy's Contractor Alliance Network can save you the time and hassle of finding the right contractor.

#### Member contractors are:

- Licensed, bonded and insured
- Knowledgeable on current energy codes, high efficiency equipment and product applications
- Continually trained and educated on the latest technology

Get referrals on: heating and cooling, solar, water heating, natural gas conversion, weatherization, windows, home performance evaluation, roofing and generators.

To set up your own referral with a qualified contractor, visit **PSE.com/CAN**. For more information, call a PSE Energy Advisor at **1-800-562-1482**, Monday through Friday, 8 a.m. to 5 p.m. or e-mail **energyefficiency@pse.com**.











## IMPORTANT NOTICE REGARDING YOUR ELECTRIC AND GAS SERVICES



## Notice of Requested Rate Increases and Public Hearing

On Feb. 1, 2013, Puget Sound Energy filed a request with Washington state's Utilities and Transportation Commission (UTC) to increase rates for all electric customer groups and decrease rates for all natural gas customer groups, effective on May 1, 2013. This request updates rates to recover utility operations costs PSE has made through June 30, 2012. The filing requests a total electric revenue increase of \$31.9 million, or 1.6 percent, and a total decrease in natural gas revenue of \$1.2 million, or 0.1 percent (1 tenth of 1 percent).

This filing also includes a request for a mechanism to adjust rates, up or down, to pass through changes in actual property taxes paid by PSE each year. The property taxes paid in 2012 are already included in rates. The effect of the proposed property tax mechanism on customers' bills is not known at this time, but initially is expected to have little or no impact. The mechanism is requested to take effect May 1, 2013.

Separately, PSE has submitted a request with the UTC for a mechanism to separate, or "decouple," a portion of PSE electric and natural gas revenues from sales of energy. The proposed date that rates would change under this mechanism is also May 1, 2013. The decoupling mechanism proposal was first submitted to the UTC on Oct. 25, 2012. This filing requests an electric revenue increase of \$21.2 million, or 1 percent, and a natural gas revenue increase of \$10.8 million, or 1.1 percent.

The net effect of all these filings on the typical residential electric customer (using 1,000 kilowatt-hours of electricity

## Public hearing date and location

May 16, 2013 – 6 p.m.

Olympia

Washington Utilities and

Transportation Commission

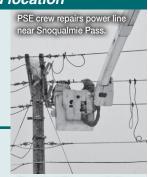
Hearing Room 206,

1300 S. Evergreen Park Drive SW

You are invited to comment on Puget Sound Energy's requested rate increases.

You may comment in person at the public hearing or, for convenience, use the online comment form at www.utc.wa.gov, click on "Submit a Comment"

For the rate and property tax filing, please reference docket numbers UE-130137 (electric) and/or UG-130138 (natural gas). For the decoupling proposal please reference docket numbers UE-121697 (electric) and UG-121705 (natural gas). (See below for all the ways you can comment.)





per month) is a \$3.29 monthly bill increase, or 3.4 percent. The net effect of all these filings on the typical residential natural gas customer (using 68 therms per month) is a \$1.33 monthly bill increase, or 1.7 percent. Details are shown below.

The UTC has the authority to approve rates that are higher or lower than PSE's requests. New rates will become effective upon completion of the UTC's investigation, which is expected to be completed in June 2013.

### Public comment

To comment to the UTC on PSE's requested rate increase:

- in person at the public hearing (outlined in this notice)
- via UTC online comment form: www.utc.wa.gov, click on "Submit a Comment"

• by email at: comments@utc.wa.gov

• in writing: UTC

P.O. Box 47250

Olympia, WA 98504-7250

• by fax at: **360-586-1150** 

• by telephone at: 1-888-333-WUTC (9882)

For the rate and property tax filing, please reference docket numbers UE-130137 (electric) and/or UG-130138 (natural gas) in your comment. For the decoupling proposal, please reference docket numbers UE-121697 (electric) and/or UG-121705 (natural gas) in your comment. If you have questions about the UTC's process, please contact the UTC using one of the above methods.

The UTC is committed to providing reasonable accommodation to participants with disabilities. If you need reasonable accommodation, please contact the commission at (360) 664-1132 or human\_resources@utc.wa.gov.

The public is represented by the Public Counsel Section of the Washington Attorney General's Office. You can contact the office at:

Public Counsel, Assistant Attorney General, 800 5th Avenue, Suite 2000, Seattle, WA 98104-3188, or by email at utility@atg.wa.gov.

To contact Puget Sound Energy, you may reach us in writing at:

Puget Sound Energy Attn.: Customer Care P.O. Box 97034 Bellevue, WA 98009-9734 or by email: pseraterequest@pse.com

For more information visit PSE.com or call 1-888-225-5773, press option 5.

## Effects on residential customers of utility operations filing

The monthly bill effect of the utility operations filing for the typical residential electric customer using 1,000 kWh per month and for the typical natural gas customer using 68 therms per month is shown in this chart. Individual customers will see a greater or lesser increase than what is shown, depending on the amount of usage.

Electric service	Current bill <sup>(1)</sup>	Proposed <sup>(1)</sup> Effective May 2013
Basic Charge	\$7.49	\$7.88
Total bill at 1,000 kWh per month	\$97.08	\$98.74

Natural gas service	Current bill	Proposed, Effective May 2013
Basic Charge	\$10.34	\$10.31
Total Bill at 68 therms per month	\$76.61	\$76.51

## Summary of requested rate increases and decreases for utility operations filing:

•	2 .	•
Electric Service Overall revenue increase \$31.9 million / 1.6%		
Type of Electric Service/Schedules	Percent Increase	
Residential (Schedule 7)	1.7	
Commercial & Industrial (Schedules 24, 25, 26, 26P, 7A, 29)	1.5	
Commercial & Industrial (Schedules 31, 35, 43)	1.4	
Campus Rate (Schedule 40)	0.8	
High Voltage (Schedules 46, 49)	0.6	
Choice/Retail Wheeling (Schedules 448, 449)(3)	2.9	
Lighting (Schedules 50-59)	2.9	
Natural Gas Service Overall revenue decrease \$1.2 million / 0.1% decrease		
Type of Natural Gas Service	Percent Decrease	
Natural Gas Service for schedules including cost of gas	0.1	
Natural Gas Transportation Service and Rental schedules <sup>(3)</sup>	0.3	

## Effects on residential customers of decoupling proposal

The monthly bill effect of the decoupling filing for the typical residential electric customer using 1,000 kWh per month and for the typical natural gas customer using 68 therms per month is shown in this chart. Individual customers will see a greater or lesser increase than what is shown, depending on the amount of usage.

Electric service	Current bill <sup>(1)</sup>	Proposed <sup>(1)</sup> Effective May 2013
Basic Charge	\$7.49	\$7.49
Total bill at 1,000 kWh per month	\$97.08	\$98.71

Natural gas service	Current bill	Proposed, Effective May 2013
Basic Charge	\$10.34	\$10.34
Total Bill at 68 therms per month	\$76.61	\$78.04

## Summary of rate increases in proposed decoupling proposal:

Electric Service Overall revenue increase \$21.2 million / 1.0%	
Type of Electric Service/Schedules	Percent Increase
Residential (Schedule 7)	1.6
Commercial & Industrial (Schedules 24, 25, 26, 26P, 7A, 29)	0.4
Commercial & Industrial (Schedules 31, 35, 43)	0.4
Campus Rate (Schedule 40)	0.5
High Voltage (Schedules 46, 49)	0.5
Choice/Retail Wheeling (Schedules 448, 449)(3)	0.3
Lighting (Schedules 50-59)	2.1
Natural Gas Service Overall revenue increase \$10.8 million / 1.1%	
Type of Natural Gas Service	Percent Change
Residential (Schedules 16, 23, 53)	1.8 Increase
Commercial & Industrial (Schedules 31, 31T(3))	0.4 Decrease
Large Volume (Schedules 41, 41T <sup>(3)</sup> )	0.3 Decrease
Interruptible (Schedules 85, 85T(3))	0.5 Decrease
Limited Interruptible (Schedules 86, 86T <sup>(3)</sup> )	0.3 Decrease
Non-Exclusive Interruptible (Schedules 87, 87T <sup>(3)</sup> )	0.3 Decrease
Rentals (Schedules 71, 72, 74)	2.2 Increase

<sup>(1)</sup> Current and proposed electric and natural gas total bills shown above represent all charges.

<sup>(3)</sup> Rates for retail wheeling and transportation customers do not include the cost of electricity or natural gas. The resulting percentage change is therefore on a different basis than for other customers.



<sup>(2)</sup> Excludes the proposed property tax mechanism.

## **2012 Service Quality Report Card**

### **PSE.COM**



Each year Puget Sound Energy measures how well we deliver our services to you and all of our customers in three key areas: Customer Satisfaction, Customer Services and Operations Services. Combined, these areas represent nine specific service-quality indexes. Based on customer surveys and other measurements, we match our performance against a set of benchmarks. (See chart.)

## **2012 Performance Highlights**

In addition to meeting all nine of the service metrics, we are pleased to report improvements from the prior year in five of the measurements. The better scores included:

- · faster restoration of non-major storm power outages
- fewer customer complaints registered with the Washington Utilities and Transportation Commission (UTC)
- fewer non-major storm power outages
- more phone calls were answered live within 30 seconds or less
- greater satisfaction on how we responded and completed your field-service requests

Compared to a year ago, we maintained the same level of service in three areas and slipped by 1 minute in our 30-minute average response time to natural gas emergencies.

Through our two Service Guarantees, we commit to keeping scheduled appointments and to restoring power outages as soon as we can. If we don't keep an appointment or if electric service is out for 120 consecutive hours or longer, subject to certain conditions, we provide a \$50 credit on a customer's bill.

In 2012, following mid-January's heavy snow, freezing rain and wind that caused extensive damage and prolonged power outages, we issued a \$50 credit to more than 48,000 customers who were without electric service for five or more days. The January storm event was the most damaging weather event since the 2008 implementation of PSE's 120-consecutive-hour power outage service guarantee. The paid-out restoration service guarantee credit amounted to \$2.4 million and was paid by PSE owners.

Also in 2012, we credited customers a total of \$23,500 for missing 470 of our total 120,424 scheduled appointments.

Every day our employees continually aim to achieve new levels of providing safe, dependable and efficient service to meet your expectations of us.



## **2012 Service Quality Report Card**

## **PSE.COM**



Key Measurement	Benchmark	2012 Performance	Achieved
Customer Satisfaction			
Percent of customers satisfied with our Customer Access Center services, based on survey	At least 90 percent	95 percent	<b>Y</b>
Percent of customers satisfied with field services, based on survey	At least 90 percent	98 percent	¥
Number of complaints to the UTC per 1,000 customers, per year	Less than 0.40	0.24	¥
Customer Services			
Percent of calls answered live within 30 seconds by our Customer Access Center	At least 75 percent	79 percent	¥
Operations Services			
Frequency of non-major-storm power outages, per year, per customer	Less than 1.30 outages	0.92 outages	
Length of power outages per year, per customer  By approval of the UTC, the 2012 performance result excludes outages associated with the January 2012 storm event.	Less than 5 hours, 20 minutes	4 hours, 5 minutes	¥
Time from customer call to arrival of field technicians in response to electric system emergencies	No more than 55 minutes	51 minutes	<b>'</b>
Time from customer call to arrival of field technicians in response to natural gas emergencies	No more than 55 minutes	30 minutes	<b>'</b>
Percent of service appointments kept Represents rounding to nearest whole percentage	At least 92 percent	100 percent	<b>Y</b>

Puget Sound Energy • 1-888-225-5773 • TTY: 1-800-962-9498 • CustomerCare@PSE.com • PSE.com Twitter.com/PSETalk • Facebook.com/PugetSoundEnergy • Flickr.com/PugetSoundEnergy • YouTube.com/PugetSoundEnergy



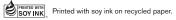














## Difficulty paying your PSE bill?

Please call us at 1-888-225-5773 for information about payment options and assistance programs, or visit PSE.com.







1045 • 04/13



## Know what's **below. Call** before you dig.

Determina lo que está bajo tierra. **Liama** antes de excavar.



## April 2013 bill print messages

## Summary Page

We have upgraded to a new customer information and billing system to improve our ability to serve you. The new system provides you with a new 12-digit account number, found in the upper right corner of this statement. Please consider updating your records with the new account number. Due to the upgrade to the new system, any payments made since your last statement will not be shown on this bill, but are reflected in the "Balance Forward" amount shown.

## For bi-monthly electric customers on the Budget Payment Plan:

With the new system, since your electric service is on a bimonthly billing schedule, you will receive six statements, rather than 12 statements per year. Please note: Your payments to PSE will cover a two-month period on your Budget Payment Plan.

## Ways to Pay Your Bill

Puget Sound Energy offers several payment options:

- Online Payment and Paperless Billing
- Automatic Payment from your bank account
- Immediate Payment Online or by Phone (transaction fee applies)
- By mail to: Puget Sound Energy, Payment Processing BOT-01H, P.O. Box 91269, Bellevue, WA 98009-9269
- Budget Payment Plan helps even out bills
- In person at an authorized pay station, see PSE.com, or call 1-888-225-5773 for payment locations

## **Ways to Reach Us**

- PSE Customer Service 1-888-225-5773
- TTY For hard of hearing/speech disorders 1-800-962-9498
- TRS Telecommunications Relay Service 1-866-831-5161
- PSE Customer Construction Services 1-888-321-7779
   Business hours: 7 a.m.-5 p.m. Monday-Friday
- PSE Energy Advisors 1-800-562-1482
   Business hours: 8 a.m.-5 p.m. Monday-Friday

## **Bill Statement Codes**

- ESTM Estimated
- CORR Corrected/Adjusted
- PRRT Prorated
- ACTL Actual

## Emergency or Power Outage Dial 1-888-225-5773

To report a natural gas or electric emergency or a power outage, 24 hours a day, call **1-888-225-5773** 

Para informar sobre la emergencia del fallo de gas o electricicdad 24 horas al dia, llame **1-888-225-5773** 

若欲報告有關煤氣或電力故障,或停電,

每天24小時均可致電 **1-888-225-5773** 

Чтобы сообщить об аварии, связанной с природным газом или электроэнергией, или о перерыве в подаче электроэнергии, звоните по телефону 1-888-225-5773 круглосуточно

We can translate for other languages. Call 1-888-225-5773.

## **Customer Service Guarantees**

**Appointments:** You will receive a \$50 credit on your PSE bill if we do not keep a set appointment to install new or reconnect existing service or inspect natural gas equipment. Exceptions apply during major storms or significant events beyond our control.

**Electric service restoration:** If your electric service is out for 120 consecutive hours or longer, you may be eligible to receive a \$50 credit on your PSE bill after you report the outage or request the credit within seven days of the outage. Certain conditions beyond our control will cause the guarantee to be suspended.

## **Questions about Your Bill or Service**

If you have questions or concerns or a dispute regarding your energy bill or service, please call us during business hours Monday–Friday, 7:30 a.m. to 6:30 p.m. at 1-888-225-5773. Any necessary corrections will be made promptly. If further follow-up is required, ask a PSE Customer Services supervisor to assist you. Every effort will be made to resolve disagreements and misunderstandings. If you are dissatisfied with the resolution, you may contact the Consumer Affairs section of the Washington Utilities and Transportation Commission at 1-800-562-6150 or complete an online complaint form at www.utc.wa.gov. Copies of information on rules, rates, power supply fuel mix, regulations, customer rights and responsibilities, as well as an annual report, are available by calling 1-888-225-5773 and at PSE.com.

## **Late Payment Fee**

Your bill is due and payable upon delivery. A late payment fee of 1 percent per month will be assessed on balances which remain unpaid for more than 10 business days after the due date on the bill. A 30-day delay of the late fee will be granted to low-income customers who notify PSE that they have applied to a low-income organization for financial aid. Customers participating in the Budget Payment Plan will be exempt from any late payment fee as long as the agreed-upon payment terms are kept current.

## **Explanation of Terms Used**

#### Basic Charge

The basic charge covers a portion of the costs for billing, meter reading and other related fixed costs. These fixed costs do not vary with the amount of electricity or natural gas used or the number of days covered by the bill.

## **Delivery Charge**

This charge is for the construction, operation and maintenance of natural gas pipes, gate stations, pressure regulators and other equipment necessary for the delivery of natural gas to you, based on the amount of natural gas used.

### Electric/Natural Gas Conservation Program Charge

Every customer helps pay for the costs of weatherization and conservation programs.

#### **Energy Exchange Credit**

This credit applies to residential and qualified small farm electricity customers only. It is a pass-through of the Federal Columbia River Benefits supplied by BPA. These benefits are from low-cost power generated by federal hydroelectric dams.

## kWh

A kilowatt hour is a measure of 1,000 watts of electricity consumed in 1 hour. A 100-watt light bulb consumes 1 kWh of electricity over 10 hours.

#### **Btu Factor**

British thermal unit is a measure of heat content. The Btu factor is an adjustment factor based on the actual heat content of the natural gas.

#### **CCF**

CCF stands for hundreds of cubic feet, a measure of the volume of natural gas used.

#### Thorm

A therm is a unit of heat that equals 100,000 Btu. A therm is the volume of gas (CCF) that when multiplied by the Btu factor equals 100,000 Btu. A natural gas stovetop burner on for 10 hours would use approximately one therm of natural gas. One therm of natural gas is equivalent to 29.3 kWh of electricity.

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