

# Residential Rebate Application:

- Line-Voltage Thermostat Replacement
- Shower Drain Water Heat Recovery System



Please print and complete form in full.  
Incomplete applications will be returned.

<b>Customer Information:</b>	
PUD Account Holder (at Address with Installed Rebate Items):	PUD Account #:
Name of Rebate Claimant: <input type="checkbox"/> check if same	Phone #
Street Address of Installed Rebate Item(s):	City Zip
Rebate Claimant's Mailing Address: <input type="checkbox"/> check if same	City Zip
Rebate Claimant's E-mail Address:	

Installation Information for Drain Water Heat Recovery (DHR) System & Electronic Line-Voltage Thermostats (ELT)				
Circle Fixture	Brand Name	Model #	# Purchased	Date Installed
DHR ELT				
DHR ELT				
DHR ELT				

Installed more than 3 different models of line-voltage thermostats? Please continue on another sheet using the above format.

Rebate Requirements	
<p><b>All Rebate Items:</b></p> <ul style="list-style-type: none"> <li>•Must use Clallam County PUD electricity.</li> <li>•Must be installed and in use at the PUD electrical service address above prior to rebate submission.</li> <li>•Must have full copies of itemized receipts showing payment.</li> <li>•Must have been new when purchased in the past year.</li> <li>•Rebate materials must be accurate and complete.</li> <li>•Must be accessible upon request by PUD &amp;/or Bonneville Power Administration Representative(s) to verify installation.</li> </ul> <p><b>Shower Drain Water Heat Recovery Systems:</b></p> <ul style="list-style-type: none"> <li>•Must be a gravity-film heat exchanger type.</li> <li>•Must use shower drain water to pre-heat incoming hot water.</li> </ul>	<p><b>Line-Voltage Electronic Thermostats</b> <i>(existing site-built homes only):</i></p> <ul style="list-style-type: none"> <li>•All existing household line-voltage thermostats <i>(except in bathrooms)</i> must be replaced with electronic line-voltage thermostats.</li> <li>•Thermostats must be installed in accordance with all applicable codes and regulations, including the current National Electric Code.</li> <li>•Thermostat features must include: 1) digital display; 2) temporary override feature; 3) electronic anticipation; 4) maintenance of program settings during power failures; 5) thermistor temperature sensing accurate within 1.5° F or better; &amp; 6) UL/CSA listed for use with their application (i.e., fan-forced, baseboard, wall or ceiling radiant, etc.).</li> </ul> <p><b>Caution, please note:</b> <i>Replacing line-voltage thermostats is inherently dangerous. Failure to follow applicable electrical codes and safety procedures may result in fire, injury or death.</i></p>

**With my signature below, I certify that I meet all of the requirements for my rebate request(s).**

Rebate Claimant's Signature:	Date
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**Return form with itemized receipt copies to any PUD office -- OR -- PUD Rebates, POB 1090, Port Angeles, WA 98362**

*I hereby certify under penalty of perjury that to the best of my knowledge, the materials have been furnished, the services rendered or the labor performed as described herein, and that the claim is a just, due and unpaid obligation against the District, and I am authorized to authenticate and certify said claim.*

## Office Use Only

Issue Date: 9/29/11

Voucher #	
Warrant #	

Expense Distribution		
908405.6481.7	LV Thermostat	\$
9084051.6481.5	DHR System	\$
TOTAL		\$

PUD Rep: \_\_\_\_\_ Date: \_\_\_\_\_

## Residential Rebate Information:

- **Line Voltage Electronic Thermostats**
- **Shower Drain Water Heat Recovery System**

Eligible Fixtures	Energy Efficiency Requirement	PUD Incentive
Line-Voltage Electronic Thermostats	Replacement of <i>all</i> existing thermostats (except in bathrooms)	\$115 total
Shower Drain Water Heat Recovery System	Gravity Film Heat Exchanger	\$220
Rebates shall not exceed the pre-tax purchase price. Rebates may be modified or discontinued at any time. This form will expire 9/30/13, or when rendered obsolete by the most current version, whichever comes first.		

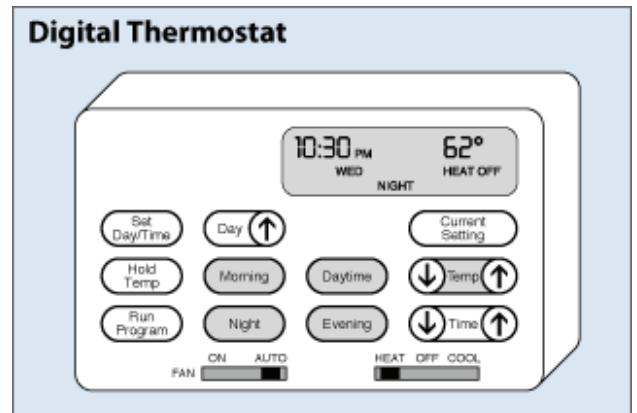
### Line-Voltage Electronic/Digital Thermostats

#### How It Works

By using an electronic programmable thermostat, you can adjust the times you turn on your household heating according to a pre-set schedule. As a result, you don't operate the equipment as much when you are asleep or when the house is not occupied. Programmable thermostats can store and repeat multiple daily settings that you can manually override without affecting the rest of the daily or weekly settings. When shopping for a programmable thermostat, be sure to look for the ENERGY STAR® label.

#### Installation

Electric resistance systems, such as electric baseboard heaters, radiant ceiling or floor heat, etc., require thermostats capable of directly controlling 120-volt or 240-volt circuits. As such, it is important to follow all applicable electrical codes and safety procedures when replacing these thermostats, as failure to do so may result in fire, injury or death. *Note: only a few companies manufacture line-voltage programmable thermostats.*



### Shower Drain Water Heat Recovery Systems.

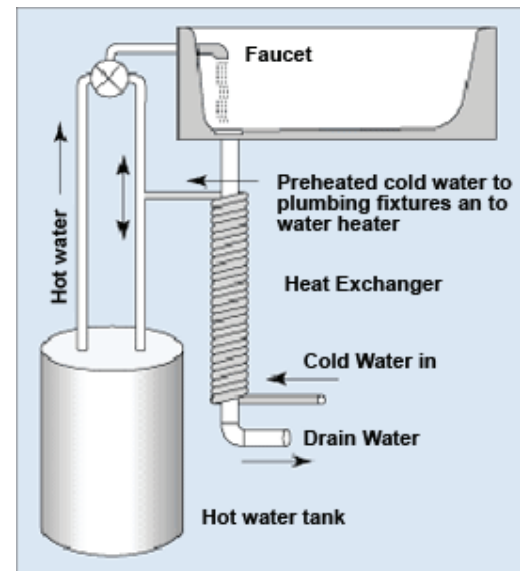
Any hot water that goes down the drain carries away energy with it. That's typically 80–90% of the energy used to heat water in a home. Drain water (or greywater) heat recovery systems capture this energy to preheat cold water entering the water heater or going to the shower. By preheating cold water, drain water heat recovery systems increase water heating capacity. This increased capacity really helps if you have an undersized water heater.

#### How It Works

A copper heat exchanger replaces a vertical section of the shower greywater drain. As warm water flows down the greywater drain, incoming cold water flows through a spiral copper tube wrapped tightly around the copper section of the greywater drain. This preheats the incoming cold water that goes to the water heater or shower.

#### Installation

You'll need a qualified plumber to install the system. Installation will usually be less expensive in new home construction. Paybacks range from 2.5 to 7 years, depending on how often the system is used.



**Your PUD offers a wide-range of rebates and incentives for energy-saving measures.**  
 Visit your local PUD office, [www.clallampud.net/conservation](http://www.clallampud.net/conservation) or call (360) 565-3249 for information.