PUD 3 High Speed Internet

Built for System Benefit - Excess Capacity for Community Benefit

In 1999, PUD 3 began building its fiber optic network. Supporting the electricity system’s reliability and safety is its primary function. The fiber backbone connects PUD equipment, such as substations and communication centers. However, many PUD 3 customers now benefit by taking advantage of the excess capacity of the fiber optic network, by purchasing high-speed internet from local retail service providers.

Benefits to PUD 3:

Along with monitoring the status of the electricity distribution system, having its own in-house network saves the PUD nearly $1 million per year as opposed to buying these services from other providers.

As the PUD moves forward with grid modernization projects for the benefit of its customers, the network’s nearly limitless data handling capabilities keeps the system future proof.

In the years ahead, outage management, maintaining power quality and reliability, conservation programs, and other functions will be supported by the network.

Wholesale Model:

PUDs in Washington State have the authority to build and maintain many types of utilities such as electricity, water, and sewer. In 2001, the legislature gave PUDs the authority to make wholesale telecommunication services available to retail carriers who want to resell fast and reliable service to businesses and homeowners in the community.

The network has extremely fast data speeds. The lowest speed offered to the retailers is 100 megabits per second. Retailers can resell it at whatever speed they wish.

If asked, the PUD can provide telecommunications providers circuits that run as high as 100 gigabits.

It goes without saying, Washington State, and public utilities in particular have among the fastest internet and data speeds available in the world.

PUD 3’s network is open access and nondiscriminatory. Which is supportive of the net neutrality debate going on right now. Once it gets onto the PUD’s network, every bit of data moves as fast as any other.

Learn More at PUD 3’s:

Educational Broadband Expo!

May 14, 2015
3 p.m. - 7 p.m.
PUD 3 Johns Prairie Operations Center at 2621 E. Johns Prairie Rd.

- Meet the Retailers
- Enter to Win an HDTV and Other Prizes
- Food & Fun for the Whole Family!
Prevent Burns Conserve Energy

To reduce energy use and prevent the hazard of scalding, be sure your water heater is set properly. In Washington State, water heaters are required to be set at 120°F at the time of sale. But older models may be set higher.

The following list gives the temperature of water in relation to the estimated time it takes to cause a burn:

- 150°F = 2 SECONDS
- 140°F = 15 SECONDS
- 130°F = 20 SECONDS
- 120°F = 10 MINUTES

While the safety aspects are key, turning your water heater thermostat down to 120°F can save energy and money on your monthly bill. Each 10°F reduction in temperature can reduce consumption by 3-5 percent each month.

Changing the temperature on your water heater is easy. Check out PUD 3’s video on at masonpud3.org/waterheating.

Students Awarded for Electricity Related Science Projects

PUD 3 Looks for Future Scientists at Skookum Rotary’s March 21 Science Fair

Three local students received trophies and cash awards from Mason PUD 3 for their electricity-related projects at Skookum Rotary’s March 21 Mason County Science Fair.

The $50 first place award went to Phoenix Miller (Evergreen Elementary School, Shelton) for her robotic pencil sharpener project titled “The Pencil Pusher.”

The $35 second place award went to Alexus Mead (Mt. View Elementary School, Shelton) for her project titled “Conduction Power.”

The $25 third place award went to Lluvia Trejo-Ehlers (Evergreen Elementary School, Shelton) for her project titled “Light Up for Less.” She compared energy usage between incandescent and LED light bulbs.

PUD 3’s education committee is pleased to reward outstanding students in Mason County who are committed to learning about the important role that electricity plays in our daily lives.

Want to make the same payment every month?

Now is the Time to Try Budget Billing

Budget Billing is a convenient way to plan for your monthly bills. You pay a pre-arranged amount each month based on the prior twelve months of electricity usage. This helps balance out those high winter bills and low summer bills. Your monthly Budget Bill payment will be adjusted each year during the month of May to true-up with your actual usage. At that time you may see a balance due if you used more electricity than estimated, or you may see a credit applied to your next year’s Budget Billing payment schedule. Contact customer service if you would like to hear more about Budget Billing!

Budget Billing - Bill Comparison:

High Winter Bills
$200

Low Summer Bills
$80

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

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$80

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

*Each customer’s budget billing amount will be unique based on their annual electrical usage.

REMEMBER, if you are planning on purchasing a new water heater, or an energy efficient clothes washer, check out PUD 3’s rebates before you buy!
PUD = Economic Development

EDC of Mason County Honors PUD 3 and 13 Others for Support of Economic Development Efforts

Mason PUD 3 and 13 other local businesses and organizations received honors for their support of local economic development efforts.

The presentation was made at the February 13 annual membership luncheon of the Economic Development Council of Mason County.

PUD 3 is a strong advocate of community development in Mason County, providing reliable, safe, clean and renewable energy and wholesale telecommunications to its customers.

The Economic Development Council of Mason County is a community based partnership working with over 125 associates to assist businesses in locating or expanding in Mason County.

What’s Under Your Lawn?

Be Sure to Call 811 Before Building a Deck, Fence, or Digging in Your landscape

For safety’s sake, it’s against state law to dig a hole more than one foot deep without notifying utility companies at least two days in advance.

The Revised Code of Washington 19.122 requires that persons contact the Utilities Underground Locate Center (1-800-424-5555) two working days (48 hours) in advance of excavation on PUD 3’s property, easement, or public agency right-of-way.

The law defines excavation as: “…any operation in which earth, rock or other material on or below the ground is moved or otherwise displaced by any means, except the tilling of soil less than 12 inches in depth for agricultural purposes, or road and ditch maintenance that does not change the original road grade or ditch flow line.”

The toll-free number and locating service is free; paid for by utilities. When calling, be prepared to describe the nature of the work, the location of the work and some personal information such as name, telephone number and address.

Contact Mason PUD 3 as soon as possible if an underground electrical cable is damaged. PUD 3 has representatives available 24 hours a day at (360) 426-8253, (360) 275-2833, or (360) 861-4247.

If anyone should dig and make contact with underground utilities, which results in damages, the law minimally provides restitution for repair. If a person should dig and damage the underground utilities without calling for locates, they may be responsible for triple damages.

For more information on Underground Locates visit the Call Before You Dig website at www.callbeforeyoudig.com.

Mason County PUD No. 3 2014 Utility Fuel Mix Report

Legislation passed in 2000 directed electric utilities in Washington to report their fuel mix to customers each year.

The 2013 revised fuel mix for PUD 3** (reported in 2014) listed as a percentage of the total is:

<table>
<thead>
<tr>
<th>SOURCE</th>
<th>PERCENTAGE</th>
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<tbody>
<tr>
<td>Biomass</td>
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<tr>
<td>Coal</td>
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<tr>
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<td>Hydroelectric</td>
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<td>Landfill Gases</td>
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<tr>
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<tr>
<td>Nuclear</td>
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<tr>
<td>Petroleum</td>
<td>0%</td>
</tr>
<tr>
<td>Solar</td>
<td>0%</td>
</tr>
<tr>
<td>Waste</td>
<td>0%</td>
</tr>
<tr>
<td>Wind</td>
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TOTAL 100%

PUD 3 Employee Spotlight

PUD 3 Storekeeper Jason Hitsman Talks About the Power of Positive Coaching.

Jason Hitsman works hard at the PUD to ensure that critical supplies are available in the warehouse when needed in the ‘field’ for maintenance and emergencies. But his time outside of work is spent on an entirely different kind of field.

Jason has been a coach since his son started t-ball. Jason’s son Caeleb, now age 14, plays about 80 games per year of select baseball and his daughter Taylor plays fastpitch for Shelton High School.

Jason spends most nights and weekends coaching and assisting with one of his kids’ sports. He and his wife Jamie will be married for 18 years this September. Jamie supports his coaching and tries to make as many games as possible.

Not only does Jason coach, but he is also the president of the Fastpitch Booster Club “Dirty Diamond Club” which worked with the school board, local businesses and community volunteers to build the girls’ fastpitch field at the high school.

Jason’s coaching philosophy is about giving young athletes positive, character-developing experiences and building memories. He knows that coaches are enormously influential in the lives of the kids they coach, and that is why he thinks it is so important to tailor his coaching style to the needs of each individual athlete. He said he lives for that “lightbulb moment,” when something he has been teaching finally makes sense and the kids “start to apply what they’ve learned.”

“...winning gives the kids an opportunity to make the connection between practice and ability”

While winning isn’t everything, Jason does believe that winning breeds success. He feels that winning gives the kids an opportunity to make the connection between practice and ability. Making them more disciplined at putting the hard work before the reward.

Jason stresses that team sports force kids to focus on their teammates’ strengths and work with people they may not have chosen to. Both are life skills that translate into work and beyond. That’s just part of the character building he shoots for. He also takes pride in watching his son Caeleb and other older kids on the team mentor the younger kids on the team with less experience.

He has watched the same group of kids play and develop together since they began playing competitively at ten years old. He now refers to them as “young men.”

To Report a Power Outage Any Time Call:
Shelton: 360-432-1533
Belfair: 360-275-2833
Elma: 360-861-4247

www.masonpud3.org