Oregon resident joins the Co-op

Members invest in project

Co-op develops & finances project

Co-op pays back members

After ten years, church, school, library, etc. gets solar panels
Mazama Mountaineering Center
39.6kW Solar PV System
City of Hood River Public Works Dept.
Lake County Library
Rogue Valley Council of Governments (RVCOG) is a voluntary association of 23 local jurisdictions, special districts, and education institutions in southwestern Oregon’s Jackson and Josephine Counties. Its primary focus is to support local and regional problem solving.
First United Methodist Church of Roseburg
Oregon State University Athletics
## Item 1 - Electric Service

<table>
<thead>
<tr>
<th>Description</th>
<th>Meter #</th>
<th>Service Period</th>
<th>READ Date</th>
<th>WEB kWh</th>
<th>WEB kvarh</th>
<th>kWh</th>
<th>kvarh</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDRV Electrical Service</td>
<td>6084979B</td>
<td>Oct 2, 2015</td>
<td>777268</td>
<td>1.9</td>
<td>5,071 kWh</td>
<td>22.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RVCOSG Service - Central Point</td>
<td>6087239B</td>
<td>Nov 2, 2015</td>
<td>279396</td>
<td>1.9</td>
<td>22.22</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Scheduled read date: Oct 2, 2015. Data may vary due to scheduling or weather.

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**REMARKS**

- Basic Charge - 1st 100Kwh: $4.00
- Load Size Charge - 1st 100Kwh: $5.00
- Uniform Charge T-Min: $7.00
- Uniform Charge: $92.11
- Utility Change Service: $5.02
- Yearly Conservation Charge: $5.02
- Low Income Assistance: $5.02
- JG Boyle Green Energy Surcharge: $5.02

**Total:** $1,075.78

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**Pacific Power**

**Account Number:** 20484323-0118

**Est. Date:** Nov 28, 2015

**Amount Due:** $575.57

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**Invoice Information**

**Vendor ID:** 0168

**Account #:**

**Rate Schedule:**

- Unit Rate: $0.00
- Service Fee: $0.00

---

**Electronic Signature:**

**Print Name:** [Signature]

**Print Date:** [Signature Date]
<table>
<thead>
<tr>
<th>School District / Municipality</th>
<th>Location</th>
<th>Size (kW)</th>
<th>PPA Rate</th>
<th>Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Williams</td>
<td>Williams</td>
<td>280</td>
<td>0.19</td>
<td>3%</td>
</tr>
<tr>
<td>City of Murrieta</td>
<td>Murrieta</td>
<td>300</td>
<td>0.15</td>
<td>3%</td>
</tr>
<tr>
<td>North Marin Water District</td>
<td>Novato</td>
<td>400</td>
<td>0.18</td>
<td>3%</td>
</tr>
<tr>
<td>National University</td>
<td>San Diego</td>
<td>700</td>
<td>0.17</td>
<td>4%</td>
</tr>
<tr>
<td>County of Sonoma</td>
<td>Sonoma</td>
<td>700</td>
<td>0.14</td>
<td>3%</td>
</tr>
<tr>
<td>Red Bluff High School District</td>
<td>Red Bluff</td>
<td>811</td>
<td>0.15</td>
<td>3.8%</td>
</tr>
<tr>
<td>Loomis School District</td>
<td>Loomis</td>
<td>1,240</td>
<td>0.16</td>
<td>3%</td>
</tr>
<tr>
<td>Placer School District</td>
<td>Auburn</td>
<td>2,500</td>
<td>0.16</td>
<td>2%</td>
</tr>
<tr>
<td>San Jose School District</td>
<td>San Jose</td>
<td>3,000</td>
<td>0.16</td>
<td>4%</td>
</tr>
<tr>
<td>San Diego USD (2006)</td>
<td>San Diego Co.</td>
<td>4,170</td>
<td>0.165</td>
<td>2.5%</td>
</tr>
<tr>
<td>San Diego USD (2010)</td>
<td>San Diego Co.</td>
<td>4,460</td>
<td>0.17</td>
<td>1.8%</td>
</tr>
<tr>
<td>San Diego USD (2010)</td>
<td>San Diego Co.</td>
<td>5,210</td>
<td>0.17</td>
<td>2.0%</td>
</tr>
<tr>
<td>Palmdale SD</td>
<td>Los Angeles Co.</td>
<td>6,300</td>
<td>15</td>
<td>4.5%</td>
</tr>
<tr>
<td>Sweetwater High School District</td>
<td>San Diego Co.</td>
<td>6,500</td>
<td>0.1475</td>
<td>3%</td>
</tr>
<tr>
<td>William S. Hart USD</td>
<td>Los Angeles Co.</td>
<td>6,660</td>
<td>0.1473</td>
<td>3.9%</td>
</tr>
<tr>
<td>Antelope Valley UHSD</td>
<td>Los Angeles Co.</td>
<td>9,600</td>
<td>0.13</td>
<td>4.3%</td>
</tr>
</tbody>
</table>
They grow better with beer.

Our biodigesters turn Ft. George Brewery’s brewing waste into clean power – and our unique Brew Dew fertilizer. So go ahead, have a beer, grow a plant. And make your world a little greener.
Hospital workers evacuate patient Deborah Dadlani from NYU Langone Medical Center during Hurricane Sandy the evening of Oct. 29, 2012 in New York City.
Symantec researchers believe Dragonfly could now have the ability to sabotage energy systems.

Over two dozen energy companies and utility providers in the US and Europe have been attacked as part of a cyber espionage campaign which looks to infiltrate the control systems of power supply systems.
The Los Angeles Police Department remained on a citywide tactical alert Saturday after a power outage the day before knocked out its downtown dispatch center, officials said.

The outage began about 11:30 a.m. Friday, said Sgt. Mike Lopez. All 911 calls are being rerouted through the LAPD’s San Fernando Valley dispatch center.

Response times have not been affected by the outage, he said.

It is not known what caused the outage or when service would be restored, Lopez said.
“...everything west of Interstate 5 will be toast.”

Ken Murphy
FEMA Regional Administrator
“...FEMA projects that nearly thirteen thousand people will die in the Cascadia earthquake and tsunami. Another twenty-seven thousand will be injured, and the agency expects that it will need to provide shelter for a million displaced people, and food and water for another two and a half million.”
2016

• 4,000 blackouts
• Affected 17 million people
• Total: 130 days without power
• Annual cost to US economy: $150 billion
• 45% increase since 2008
Arkema Chemical plant, Crosby, Texas, Sept. 1, 2017
The 15.5 kilowatt system provides power for employee housing, water pumping, a ranger station, an entrance station and tourist restrooms. The White River facility is used seasonally from April to October with over 250,000 visitors passing through annually. The solar hybrid system replaces a generator-only system with the solar providing 85% of the electricity, which reduces generator run time from 3500 hours to 150 hours per season. The previous engine generator system ran 24 hours a day.
The need for Newport’s resiliency program was driven home by Superstorm Sandy in 2012... “We will probably be hit by a category two hurricane within the decade... In the case of a severe storm, the city has to be prepared to be without power for up to 30 days,” says Carroll.

The first phase would involve a strip in the city that includes the police and fire departments, city hall, the junior high school (which would serve as a shelter), and the Newport hospital.
1. Providence Hospital
2. Providence Hospital parking garage (battery location)
3. May Street Elementary School
4. Hood River County Health Department
5. Hood River Middle School
6. Hood River Aquatic Center
7. City of Hood River Fire Dept.
8. LDS Church
9. County Sheriff’s Dept. garage
10. Hood River Public Works Yard (battery location)
11. City of Hood River Public Works Dept.
12. Hood River County Forestry Dept.