Department of Energy

Tribal Energy Program

“FIRST STEPS”

Office of Energy Efficiency and Renewable Energy

DE-PS36-02GO92006

Strategic Energy Resource Planning
Project Period: 9/30/03 – 12/31/04
PROJECT PARTICIPANTS

ENERGY ACTION TEAM

- Kara Brundin-Miller, Chairperson
- Roy LaFromboise, Tribal Administrator
- Don Kittson, Economic Development Dir.
- Joel Bravo, Vice-Chairperson
- Brad Cass, Tribal Environmental Dir.
- Dorothy Perry, Employment Development

PROJECT CONSULTANTS

- Greg Retzlaff, Strategic Energy Solutions, Inc. of Portland, OR
- Utility Reduction Specialists of Madison, WI
PROJECT GOAL

Develop a comprehensive twenty year Strategic Energy Plan focusing on energy self-sufficiency, renewable energy sources and community economic development.

Our Strategic Energy Plan will include the following completed tasks and reports:

1. Energy vision
2. Baseline Assessment
3. Research viable energy options
4. Conduct energy efficiency activities
5. Conduct training
6. Explore utility development and business structure
7. Action plan and report
<table>
<thead>
<tr>
<th>TASK DESCRIPTION</th>
<th>PLANNED COMPLETION</th>
<th>PERCENT COMPLETE</th>
<th>PROGRESS NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop an Energy Vision</td>
<td>October-04</td>
<td>80</td>
<td></td>
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<tr>
<td>Conduct Baseline Assessment</td>
<td>November-04</td>
<td>50</td>
<td>PacifiCorp to provide past bills</td>
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<tr>
<td>Research viable energy options</td>
<td>October-04</td>
<td>90</td>
<td></td>
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<tr>
<td>Conduct energy efficiency and conservation activities</td>
<td>October-04</td>
<td>90</td>
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<tr>
<td>Research establishment of energy organizations</td>
<td>October-04</td>
<td>30</td>
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<tr>
<td>Develop training session plan</td>
<td>October-04</td>
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<tr>
<td>Develop Action plan</td>
<td>December-04</td>
<td>25</td>
<td>Completion and approval will be done last</td>
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</table>
ENERGY VISION

• Under development, will be included in completed Action Plan.
BASELINE ASSESSMENT

• 50% complete.
• Waiting for prior 12 month usage on 12 accounts from PacifiCorp.
# Viable Energy Options

<table>
<thead>
<tr>
<th>WIND</th>
<th>BIOMASS</th>
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</thead>
<tbody>
<tr>
<td>• Data gathered</td>
<td>• Potential cogeneration partners identified</td>
</tr>
<tr>
<td>• Interconnection issues studied</td>
<td>• Fuel supply studied</td>
</tr>
<tr>
<td>• Transmission issues studied</td>
<td>• Little or no competition for biomass fuel</td>
</tr>
<tr>
<td>• Potential purchasers identified</td>
<td>• Potential purchasers identified</td>
</tr>
<tr>
<td>• Standby power</td>
<td>• Anemometer loan</td>
</tr>
</tbody>
</table>
POTENTIAL WIND ENERGY SITE
POTENTIAL WIND ENERGY SITE
POTENTIAL WIND ENERGY SITE
ENERGY EFFICIENCY ACTIVITIES

REDUCE UTILITY BILLS
- Low income weatherization: Federal, BPA, PacifiCorp, Native allocation
- Energy Trust of Oregon
- Heater replacement program

PAYMENT ASSISTANCE
- Utility bill reduction: PacifiCorp, HEAT (OR), Energy Assistance Payments (LIHEAP)
TRAINING

- Tribal Council and Energy Action Team met to determine training needed.
- Assistance programs on board for conducting training for membership and reservation residents and businesses.
- Tribe prepared to contract with private firm to provide other training as recommended.
• Team members attended two Utility Development workshops.
• NW Tribes with utility business identified and contacted.
• Independent consultants (2) identified.
• Under development, research and review must be completed.
• Planned completion date: December 15, 2004.
SMITH RIVER RANCHERIA