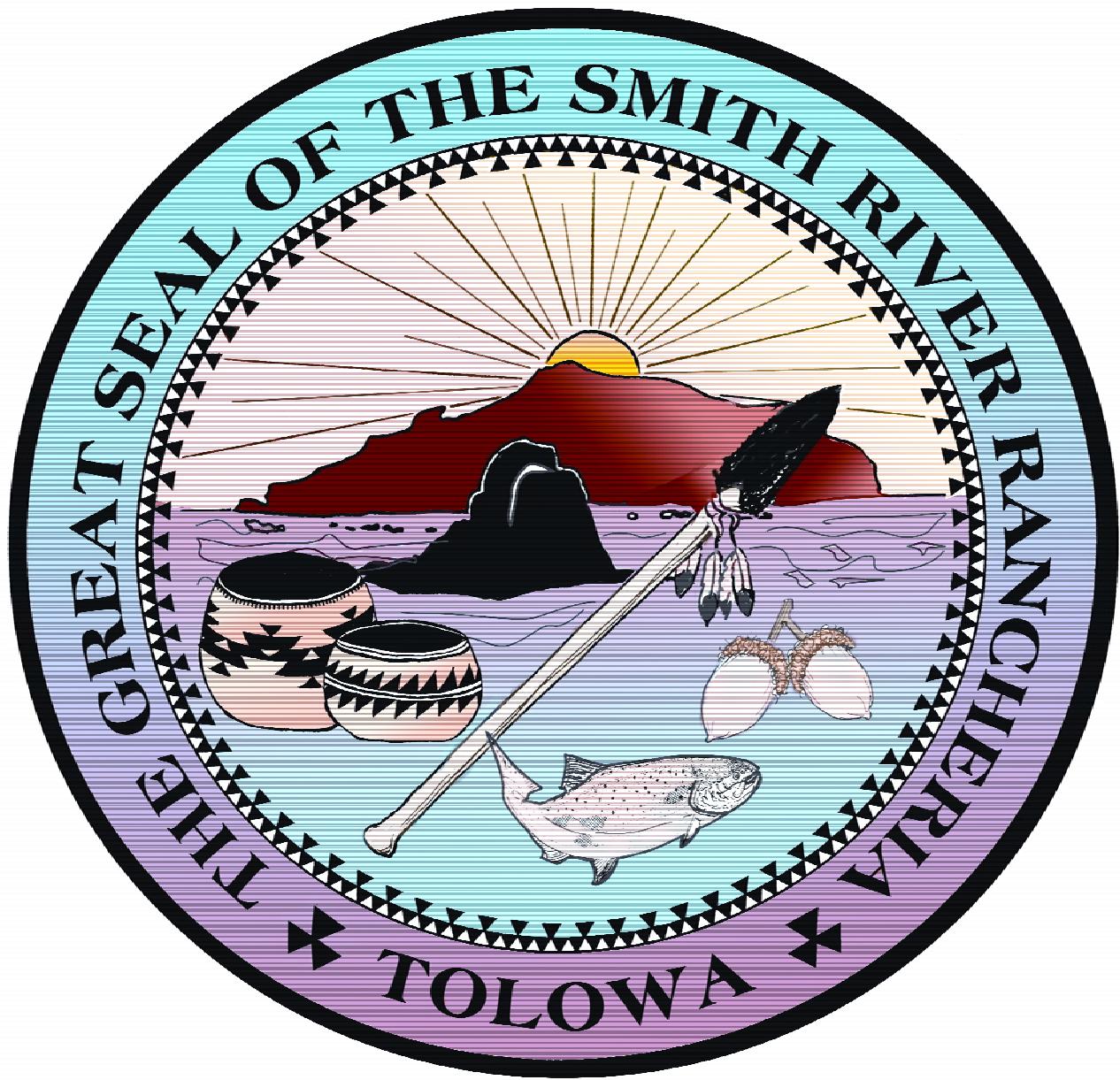


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**Department
of
Energy**

Tribal Energy Program

“FIRST STEPS”

102-486 Energy Policy Act of 1992

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

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California Indian Library Collections

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

TASK SCHEDULE

TASK DESCRIPTION	PLANNED COMPLETION	PERCENT COMPLETE	PROGRESS NOTES
Develop an Energy Vision	October-04	80	
Conduct Baseline Assessment	November-04	50	PacifiCorp to provide past bills
Research viable energy options	October-04	90	
Conduct energy efficiency and conservation activities	October-04	90	
Research establishment of energy organizations	October-04	30	
Develop training session plan	October-04	80	
Develop Action plan	December-04	25	Completion and approval will be done last

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

WIND

- Data gathered
- Interconnection issues studied
- Transmission issues studied
- Potential purchasers identified
- Standby power
- Anemometer loan

BIO MASS

- Potential cogeneration partners identified
- Fuel supply studied
- Little or no competition for biomass fuel
- Potential purchasers identified

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.

UTILITY BUSINESS STRUCTURE

- Team members attended two Utility Development workshops.
- NW Tribes with utility business identified and contacted.
- Independent consultants (2) identified.

ACTION PLAN REPORT

- Under development, research and review must be completed.
- Planned completion date: December 15, 2004.

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