

DOE Grant

DE-PS36-06G096038

Human Capacity Building for Renewable
Energy Development.

Warm Spring Power and Water Enterprise
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Prepared by: Warm Springs Power & Water Enterprises



Project Goals

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- To build a knowledge base within the tribal community regarding renewable energy development.
 - To educate the tribal community regarding energy development processes & impacts to reservation lands when developing renewable energy projects
 - Defining the benefits of renewable energy.
 - To increase the technical expertise of tribal government and Tribal Council on energy matters.
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Description

- Warm Springs Power and Water Enterprise is in charge of finding new resources on tribal lands to develop new sources of income for the tribe, currently WSPWE has done studies on geothermal energy, wind energy and Warm Springs Forest Products and WSPWE has been working on a biomass plant in Warm Springs. This grant will help up educate the tribal members on renewable energy and what it can do to help the tribe grow. And how we can utilize our natural resources we have available in a clean and environmentally safe way.

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Our Resources



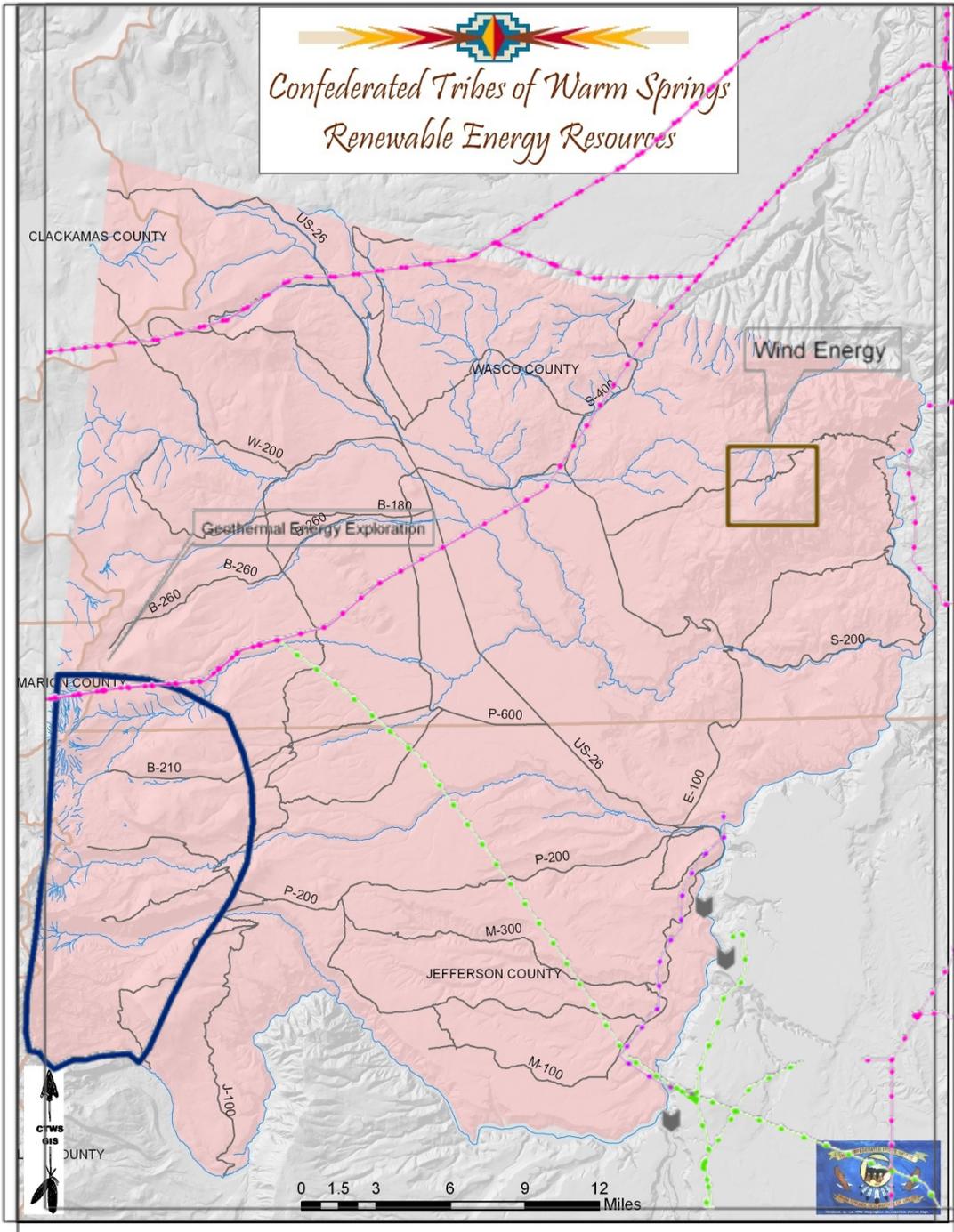
Tasks that need to be completed.

1. Organizational meeting.

- * WSPWE will hold a series of meetings with key tribal government leaders and staff to review the public involvement program and obtain their input regarding how best to engage the membership and to identify the training needs to staff.



Confederated Tribes of Warm Springs Renewable Energy Resources





Tasks that need to be completed.



3. Wind Energy technical training.

- Hold a two day technical training session for staff and leadership on wind energy development.

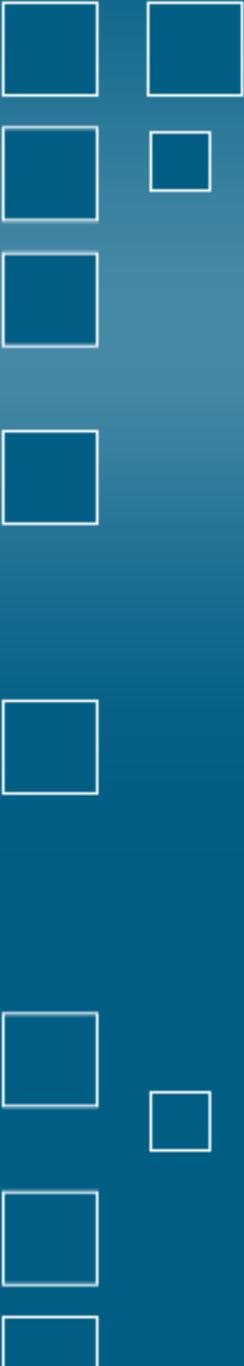


Tasks that need to be completed.



2. Development of renewable energy informational materials.

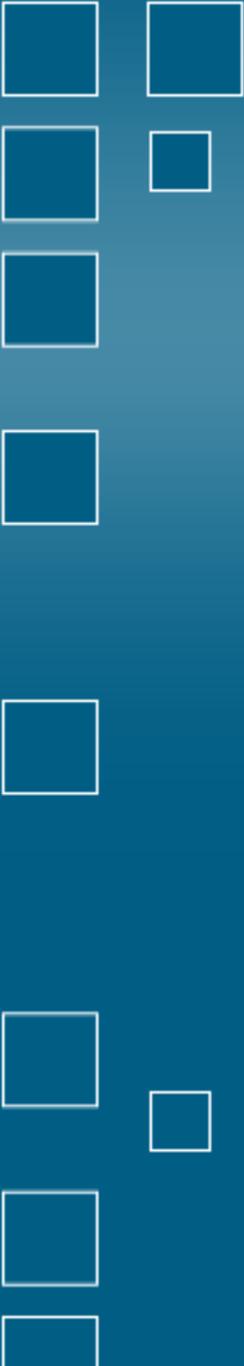
- WSPWE will work DOE, AWEA, OIT and the Geothermal Education office to prepare educational materials and information packages.
 - General information on wind, geothermal and biomass energy packets.
 - Project related materials on current proposed renewable energy projects, wind, geothermal and biomass.
 - Technical packets on wind and geothermal energy for training.
 - General education information for Warm Springs School.

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Tasks that need to be completed.

4. Wind Project field trip

- Conduct a field trip to the Mutton Mountain wind project for staff and leadership.

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Tasks that need to be completed.

5. Wind energy project scoping.

- WSPWE will hold a follow up meeting with key staff to scope issues related to the Mutton Mountain wind project that should be addressed in the design and environmental review.



Tasks that need to be completed.



6. Geothermal Energy Technical Training.

- Hold a two day technical training session for staff and leadership on geothermal energy development.
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Tasks that need to be completed.



7. Geothermal Project field trip

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- a trip to a established geothermal plant will be scheduled.





Tasks that need to be completed.

8. Geothermal Project Scoping.

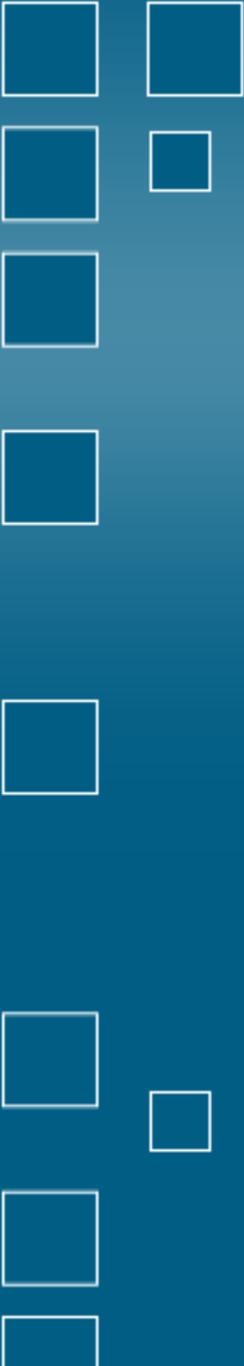
- Hold a follow up meeting with key staff on issues related to Shitike Creek geothermal site.



Tasks that need to be completed.

9. WSPWE Staff Training.

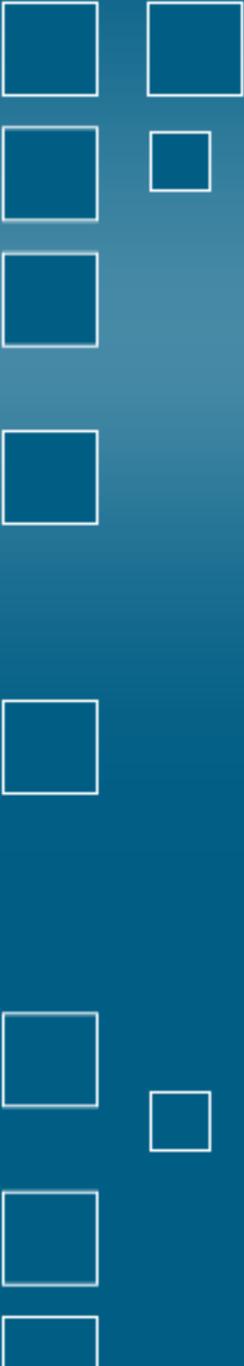
- WSPWE staff and employees from the Department of Natural Resources and Tribal Finance to workshops on geothermal energy and wind energy project development.

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Tasks that need to be completed.

10. Community Workshops.

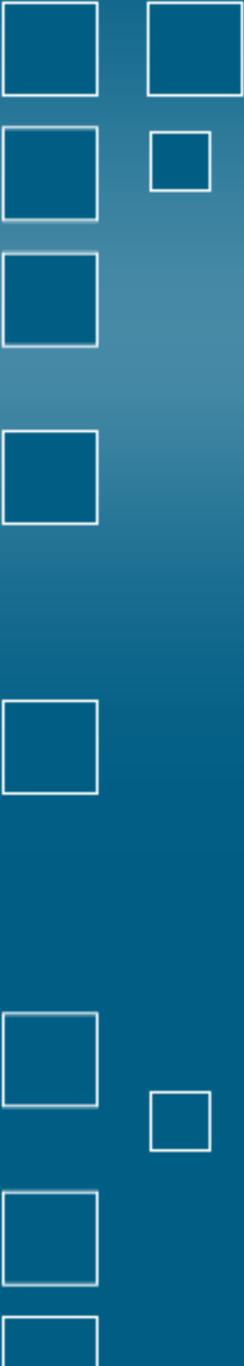
- WSPWE with assistance from contractors and cooperative agencies will hold public workshops on renewable energy development on tribal lands. At least three workshops will be held.

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Tasks that need to be completed.

11. Expand WSPWE involvement in renewable energy industry.

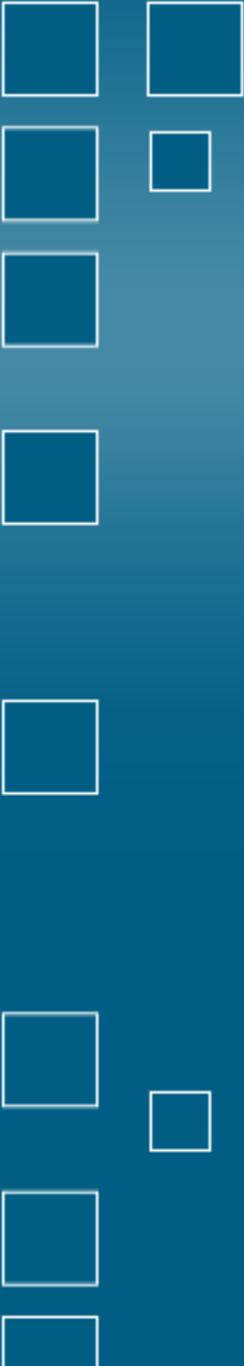
- WSPWE will join the following Organizations.
 - ❖ The Geothermal resources Council. (GRC)
 - ❖ The American Wind Energy Association. (AWEA)
 - ❖ Renewable Northwest Project. (RNP)

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Tasks that need to be completed.

12. Internship Program.

- Hire a tribal member for 12month internship, the intern will be involved in all aspects of the public involvement and trainings no renewable energy, if the geothermal and wind projects move forward to commercial development the intern will be offered a full position.

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Tasks that need to be completed.

13. Tribal Council Field trip.

- WSPWE will arrange a one day field trip by chartered bus for the tribal council and senior managers to tour Klondike wind project. (subject to change.)
- WSPWE will arrange for a two day field trip for a committee of the tribal council and senior managers to tour two geothermal power plants near Reno, Nevada.



Associates that will assist with the Tasks for the 12month grant.

- Warm Springs Power and Water Enterprise. Projects leaders.
 - Warm Springs Forest Products.
 - Warm Springs Natural Resources
 - Oregon Department of Energy.
 - Geothermal Education Office.
 - Oregon Institute of Technology GeoHeat Center.
 - Oregon State University, Energy Resource Research Laboratory (ERRL)
 - Northwest SEED.
 - DW McClain & Associates.
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