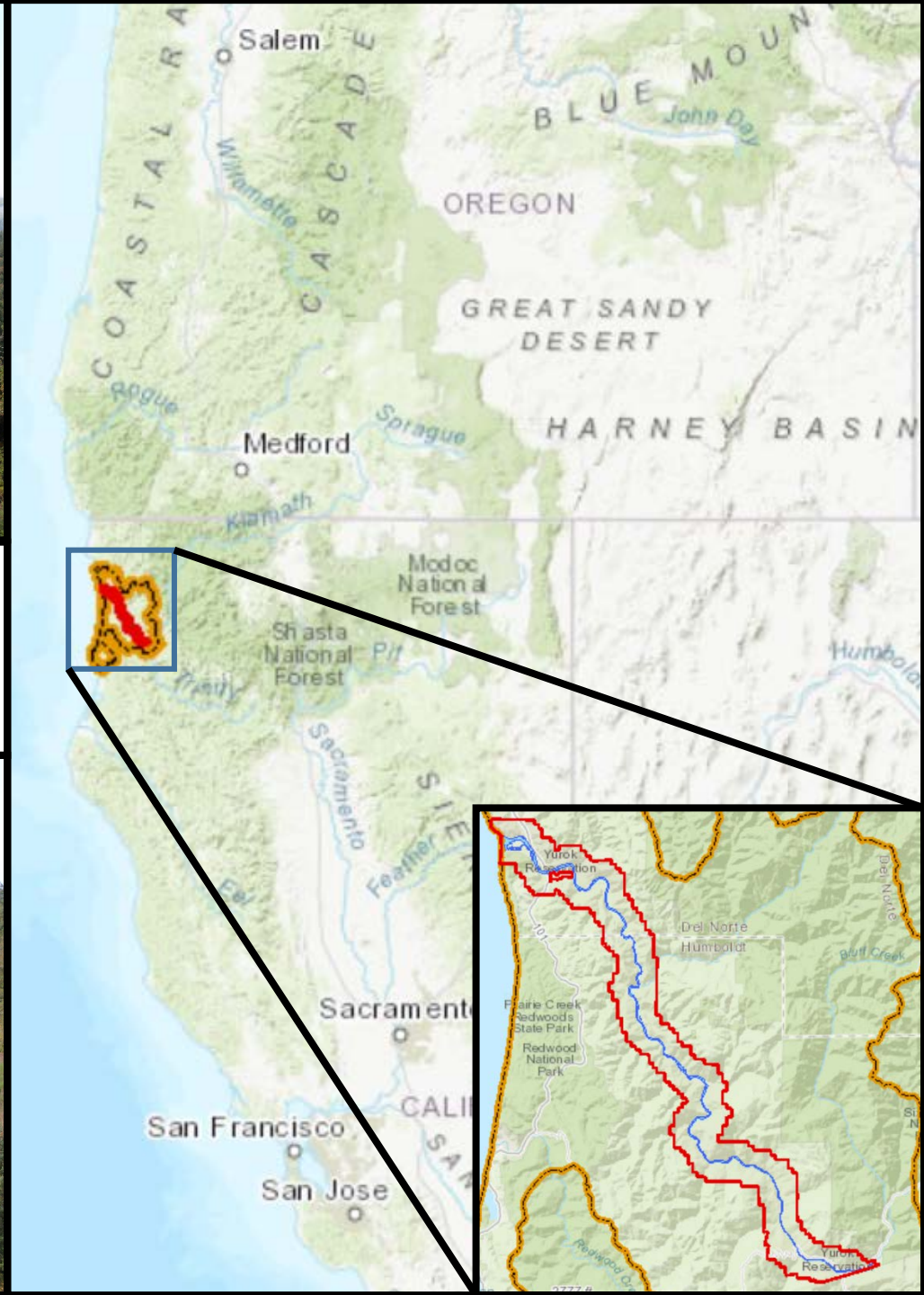

Energy Paths for the Yurok People





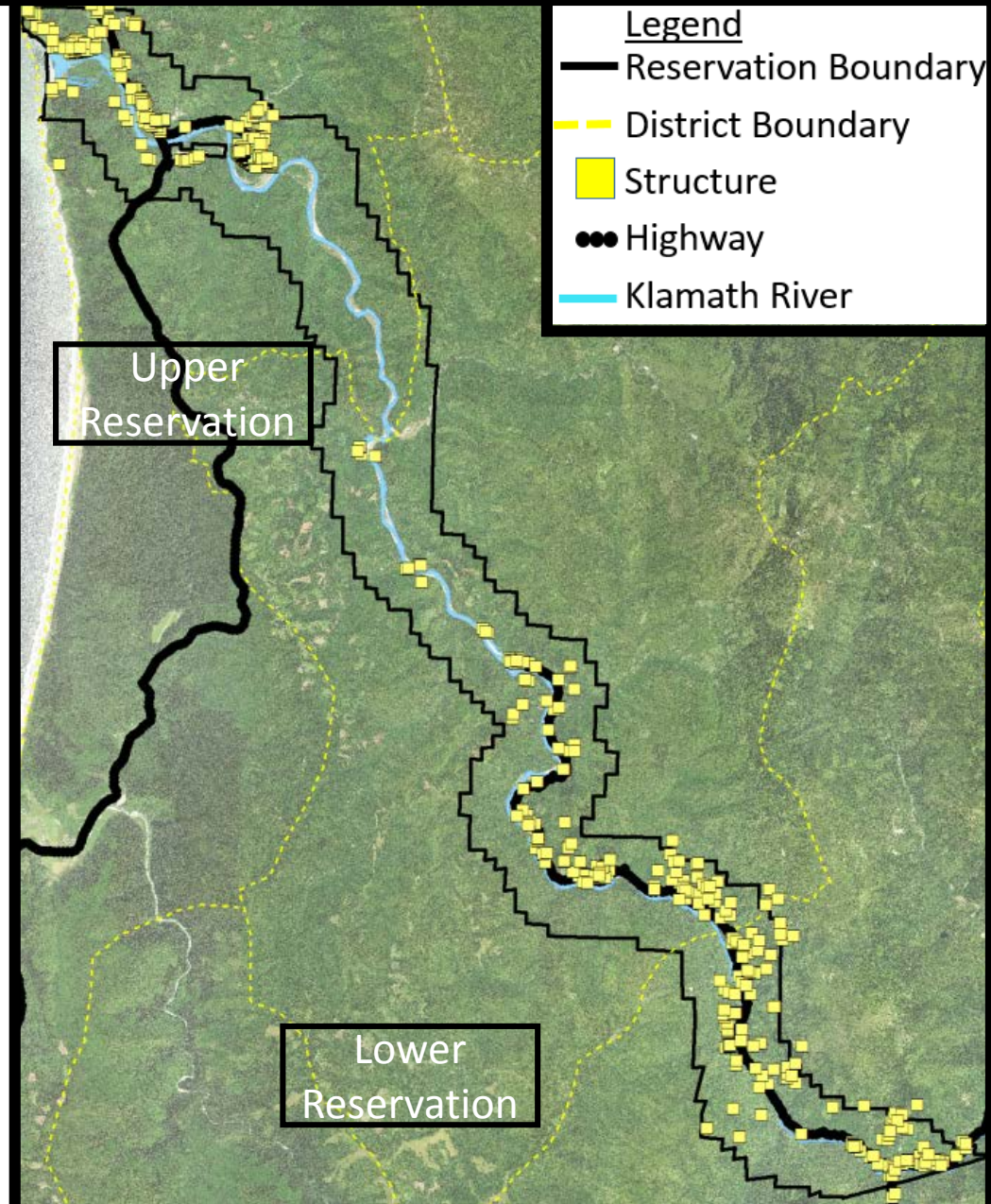


Yurok Country



Energy Paths Taken

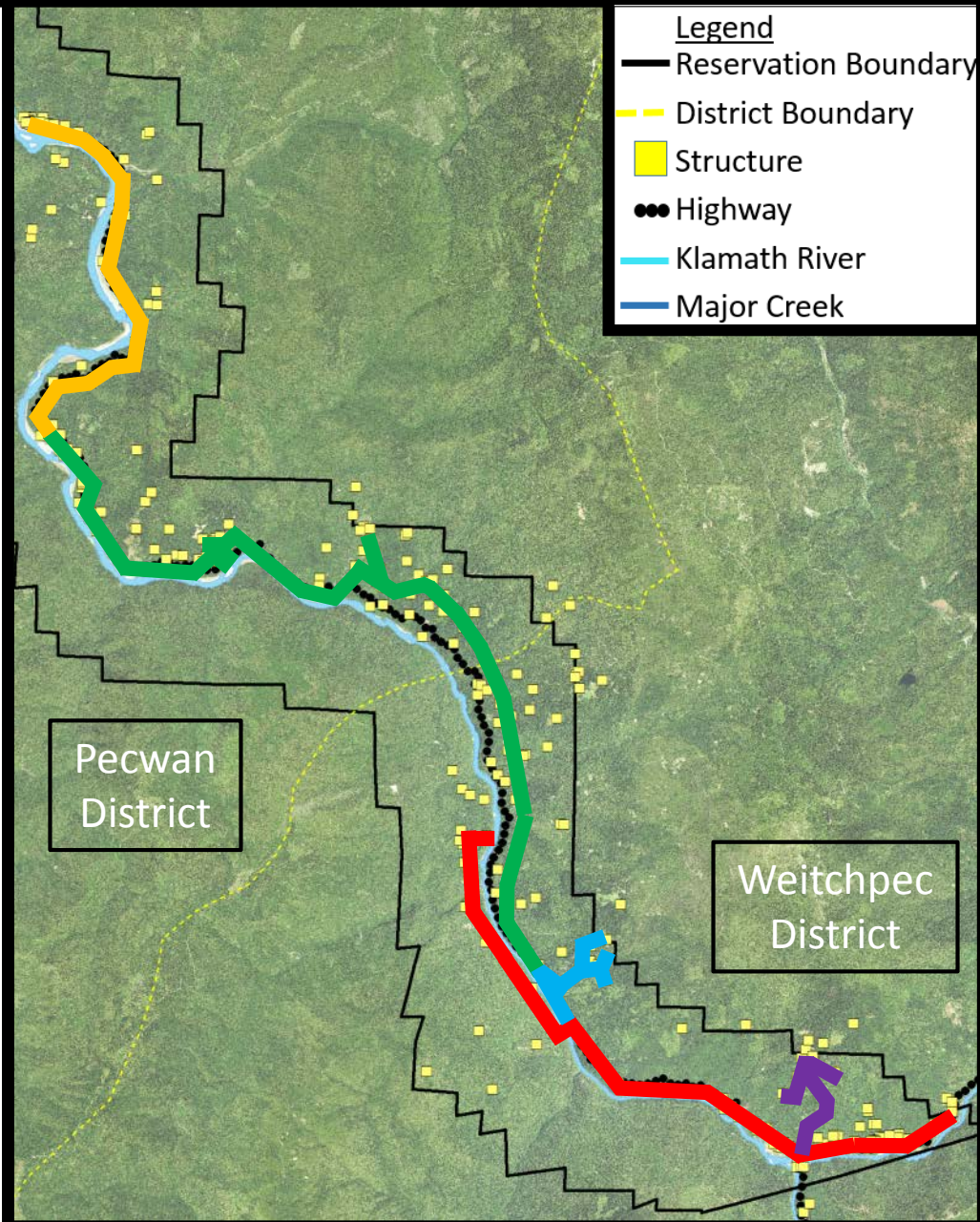
- 1849: Influx of non-native people.
- 1855: Yurok Reservation Created
- 1980: DOE Solar Demonstration Project
- 1980's: Yurok Energy Trust Fund was created
- 1991: Yurok Tribe organized as a government
- 1993: Constitution signed
- 1996-1998: Alternative Energy Project



Energy Paths Taken

- 2001-2003: Tulley Creek Power LE
- 2003-2005: Biomass Study
- 2004-2007: Yurok Utility Study
- 2006-2007: Human Capacity Building/ energy audits
- 2006: Mitchel Road LE
- 2006-2009 Installed 6 Solar systems/ 1 hydro
- 2007-2011: Wind and Hydro feasibility
- 2009: Energy audit/efficiency improvements
- 2010: Wautec Phase I LE
- 2011: Lake Prairie LE
- 2011: Pro system on tribal building
- 2012- Present: Wautec Phase II LE

*LE= Line Extension



(The Present)

Start of the Energy Paths for the Yurok People Project

- Objective: To create a Strategic Energy Action Plan, complete with an implementation Strategy and a prioritized list of energy projects.
 - Increase energy efficiency/ decrease energy costs
 - Develop renewable energy
 - Meet the energy needs of the Yurok People



Project Participants



SCHATZ
ENERGY
RESEARCH
CENTER



Project Overview

- Review past energy studies
- Load analysis
 - Annual electricity consumption
 - Associated costs and greenhouse gas emissions.
 - Examine historical trends to project future demand
- Demand reduction assessment
 - Examine opportunities to reduce consumption through energy efficiency and conservation efforts
- Resource assessment
 - Estimate annual energy production
 - Cost savings
 - Greenhouse gas reduction
- Infrastructure analysis
 - Examine the capacity of electrical transmission and distribution infrastructure
- Community engagement process
- Energy options analysis

The Future (Fulfilling Our Vision)

To make sure all Tribal members on the Reservation have access to reliable, affordable, modern, cost-effective energy services. In addition, the Tribe seeks an energy program that promotes energy self-sufficiency, environmental sustainability, use of local renewable resources, and job creation and economic opportunity for Tribal members.



Much appreciation to

- DEO Office of Indian Energy
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- Humboldt State University
- University of California Berkeley
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- NREL



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To be continued...