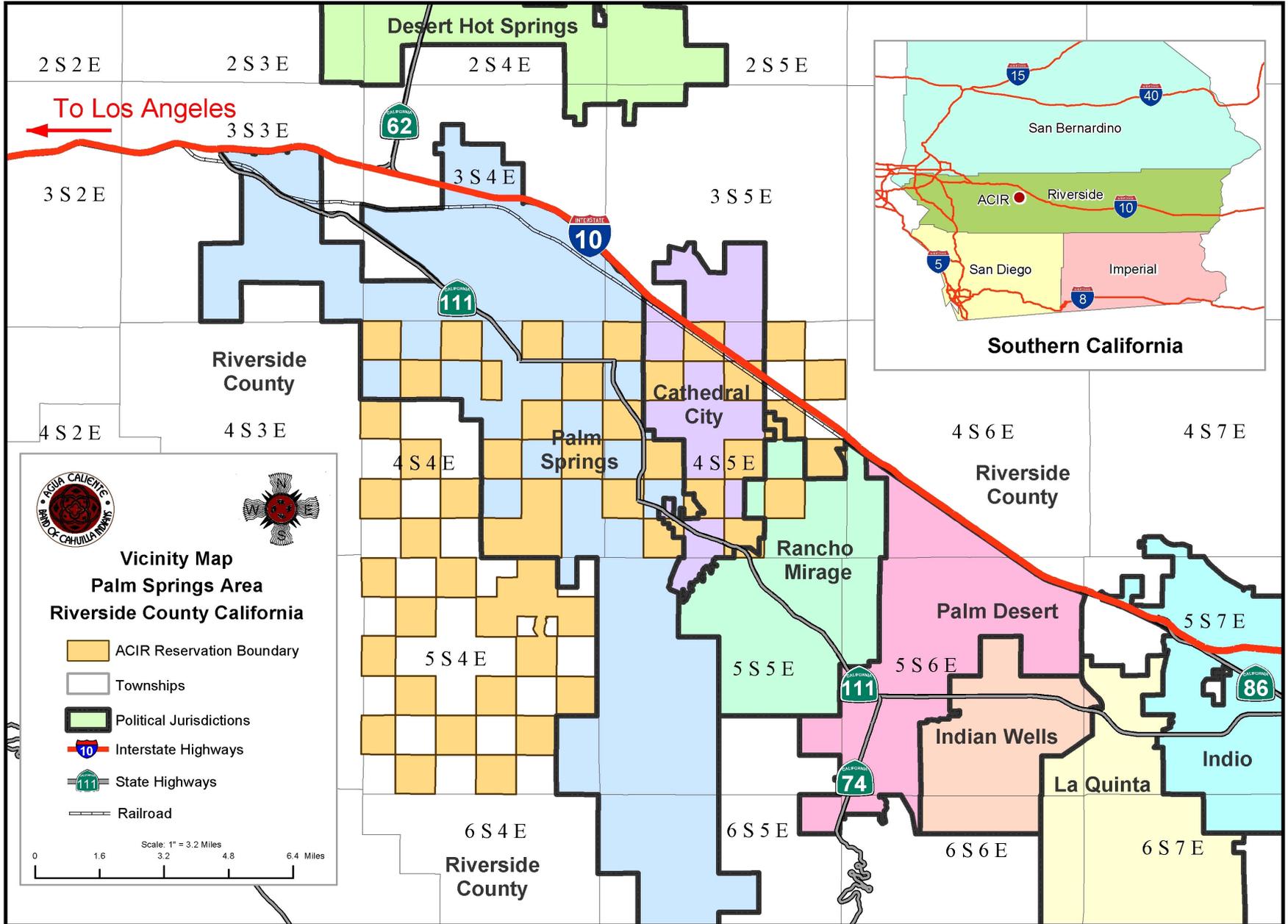




**MAP Phase II
&
STRATEGIC ENERGY PLAN
DEVELOPMENT**

**Agua Caliente Band of Cahuilla
Indians**

Agua Caliente Indian Reservation






**Vicinity Map
 Palm Springs Area
 Riverside County California**

- ACIR Reservation Boundary
- Townships
- Political Jurisdictions
- Interstate Highways
- State Highways
- Railroad

Scale: 1" = 3.2 Miles
 0 1.6 3.2 4.8 6.4 Miles

MAP PHASE II/STRATEGIC ENERGY PLAN DEVELOPMENT GOALS

- Perform Market and Economic Analysis of the Promising Renewable Technologies Determined from MAP Phase I
- Conduct Initial Feasibility of the Renewable Resources and Develop an Initial Project Development Template
- Incorporate Promising Renewable Technologies into an Overall Strategic Energy Plan for the Tribe

GOAL #1 –

Perform Market and Economic Analysis of the Promising Renewable Technologies Determined from MAP Phase I

- The Promising Renewable Sources Were Determined to be – Wind & Solar Energies
- Unsolicited Development Proposals to the Tribe Allowed for Close Examination of Tribal/Economic Value
- Approached Tribal Council With Initial Findings....

GOAL #1 –

Perform Market and Economic Analysis of the Promising Renewable Technologies (Wind/Solar)

from MAP Phase I

- Tribal Council Determines – Enough Windmills Already!



- Analyze the Possibility of Solar Energy

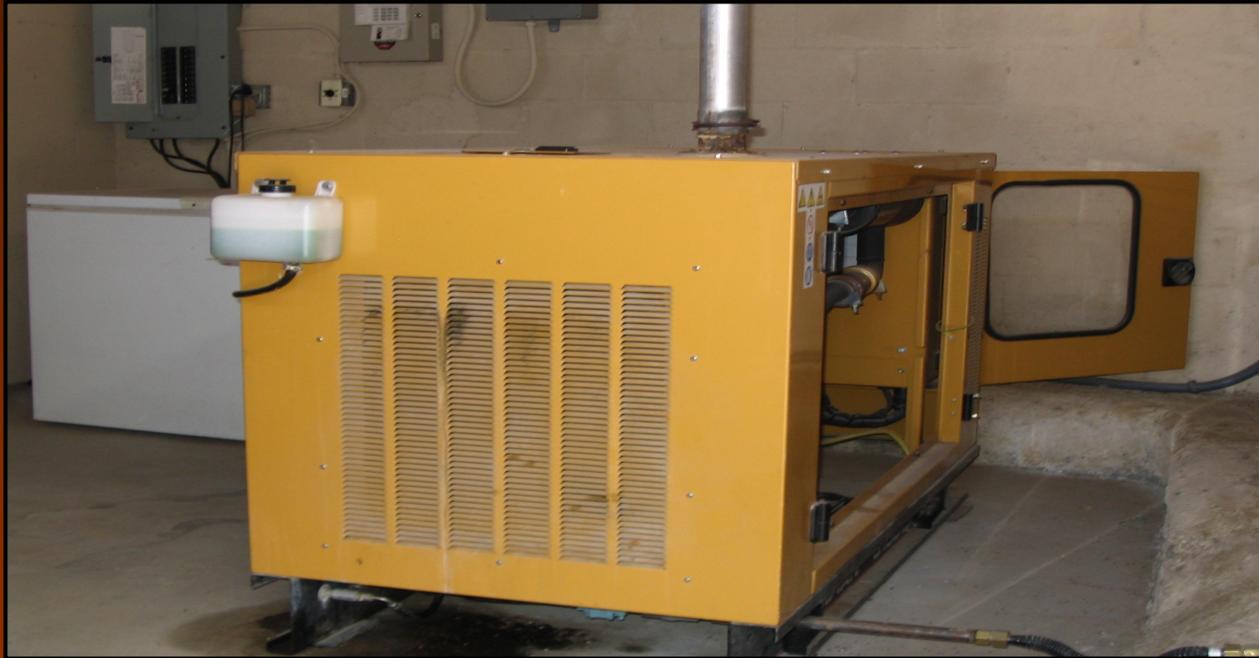
GOAL #2 –

Conduct Initial Feasibility of the Renewable Resources and Develop an Initial Project Development Template

- Feasibility of Solar Energy Studied and Indian Canyon Trading Post Identified as Phase I Location for Photovoltaic Installation.



- Trading Post Currently Not Connected to Power Grid and Use of Propane Generator is Noisy and Fossil Fuel Costs are Unstable/Unpredictable



- Initial Feasibility Study Completed, but Overriding Question is: “What is the Overall Energy Goal of the Tribe?”

GOAL #3 –

Incorporate Promising Renewable Technologies
into an Overall Strategic Energy Plan for the Tribe



STRATEGIC ENERGY PLAN DEVELOPMENT

STRATEGIC ENERGY PLAN GOALS

- Create a Vision for the Energy Future of the Tribe
- Develop an Energy Use Profile
- Identify Viable Energy Options
- Evaluate and Select Best Energy Options



TRIBAL ENERGY VISION, MISSION

- An Energy Vision Statement was formulated on the basis of staff guidance and previous discussion with Tribal Council. The Vision Statement conveys:
 - The Tribal Mission Statement
 - Energy Vision
 - Strategic Energy Goals
 - Near Term Energy Objectives
- The Vision Statement is intended to provide high level, enduring policy guidance.



BEST FIT ENERGY OPTIONS SELECTION PROCESS

- Energy Vision guided initial selection of over 60 options
- Screening process utilized agreed-upon “filters” to narrow options down to 28
- First-cut energy options screened down to 14 best-fit alternatives
- Evaluation & selection process utilized scoring/weighting methodology and Tribal Staff confirmation

Final Recommendations

- **Actions for Near Term Initiation/Execution**
 - Form a “Scalable” Utility Organization
 - Integrate WAPA Allocation into Energy Planning
 - Pursue Energy Management Goals
 - Continue Analysis of Renewable Energy Generation Opportunities (MAP Phase II)
- **Actions for Further Study/Longer-Term Initiation**
 - Develop and Adopt Energy Efficiency Building Codes
 - Pursue ROW Documentation and Assessment
- **Actions for Continued/Future Monitoring**
 - Monitor Energy Technology Investment Opportunities

