

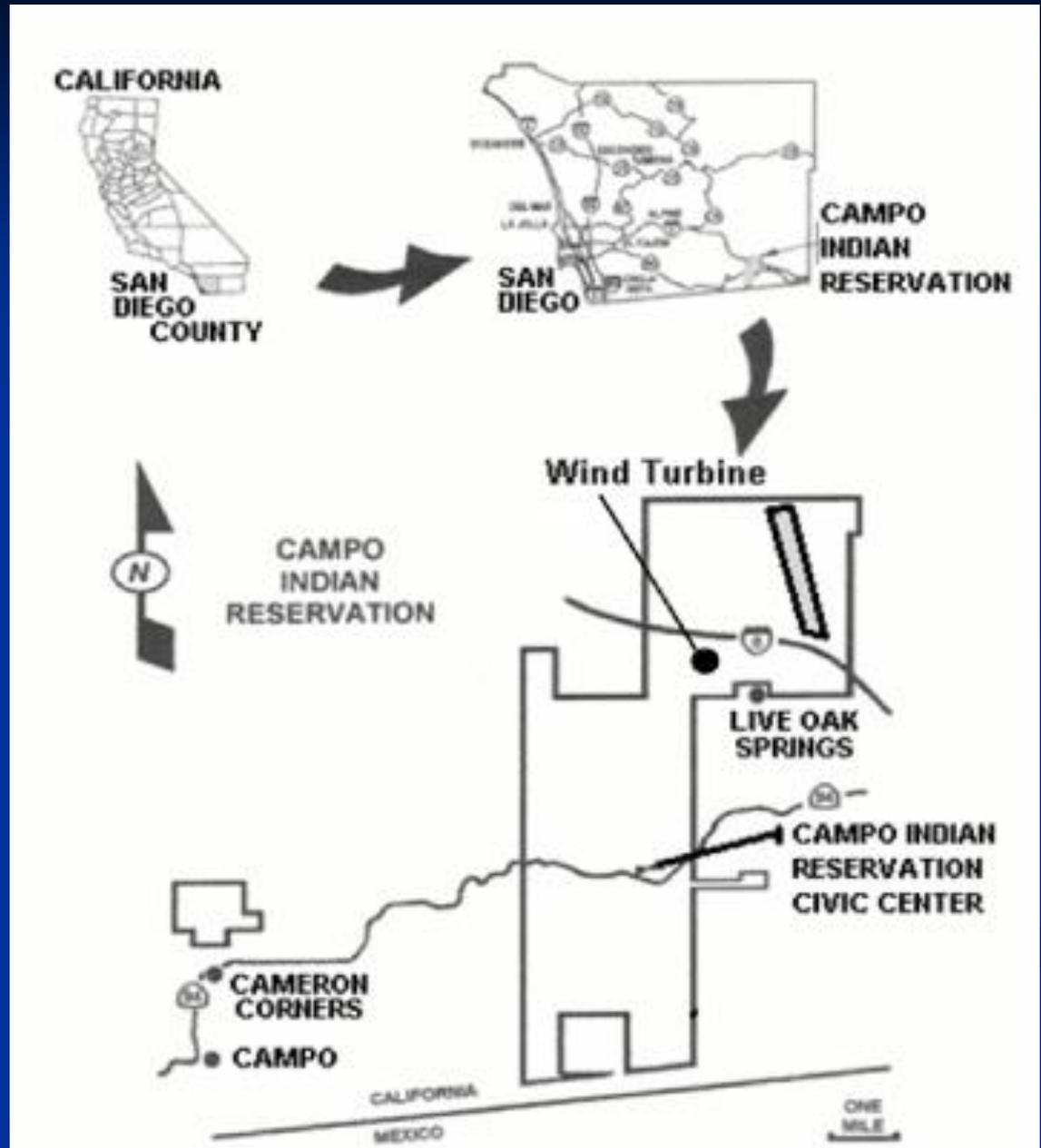


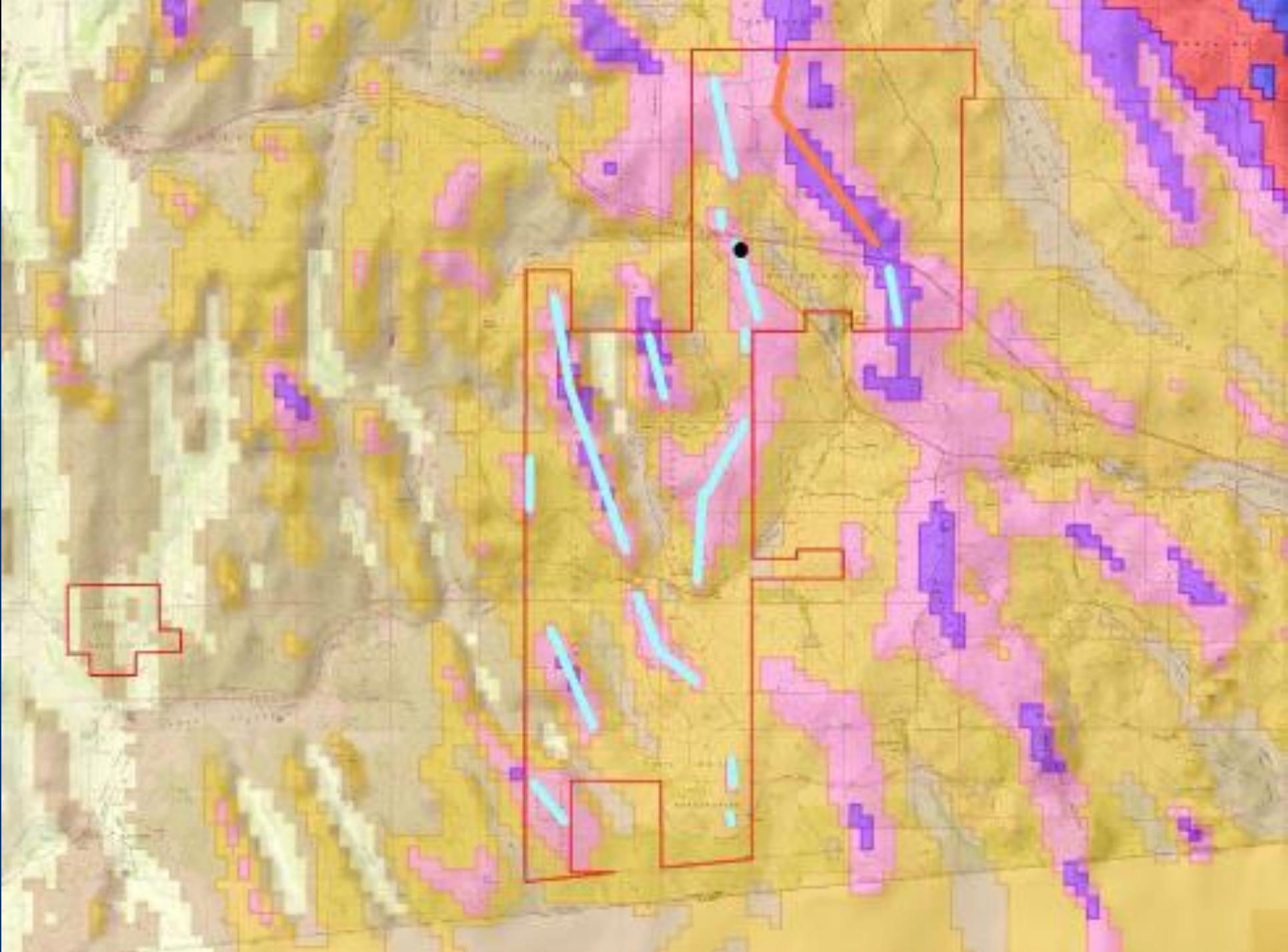
# Campo Net Meter Project

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**Economist/Engineer**  
**Campo Kumeyaay Nation**



# Location map





# Tribal Energy Planning

- Current 50 MW project
- Proposed 160 MW project
- DOE energy grant
  - Land use planning, renewable energy zones overlay
  - Economic analysis
  - Transmission, queue, PPA
  - Energy Resource Agreement analysis
  - Tribal Net meter turbine planning

# California SGIP program

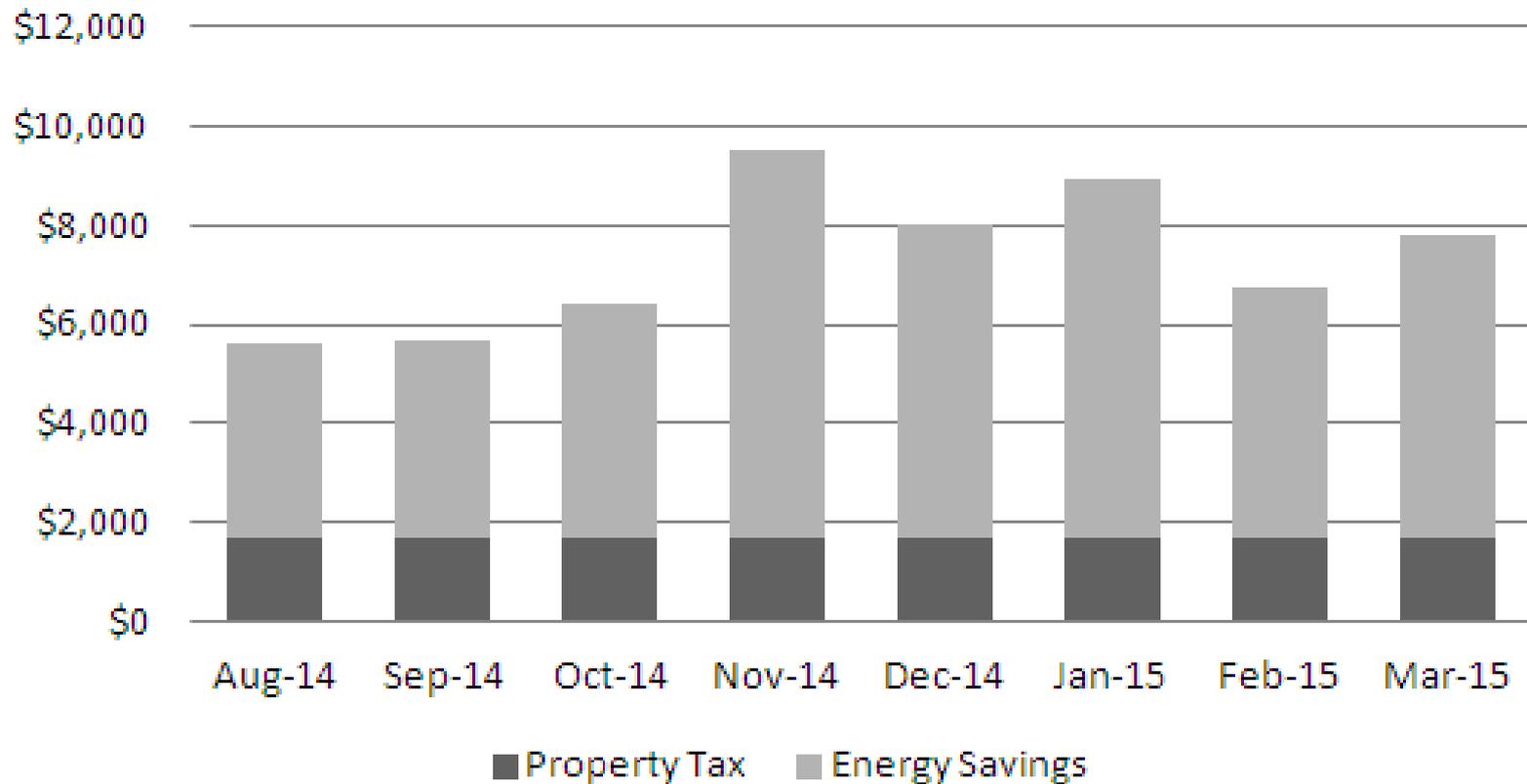
- Self Generation Incentive Program
  - Requires utilities to allow net metering
  - Does not affect the capacity payments
  - Federal incentives still apply
- State Incentive \$1.07 per watt
  - 0-1 MW 100%
  - 1-2 MW 50%
  - 2-3 MW 25%

# SGIP (cont'd)

- 5% decline per year starting in 2014
- Incentive paid 50% upon completion, 50% spread over 5 years.
- 1.7 MW GE turbine chosen, governor installed to downrate to 1 MW
- Changes by CPUC may allow governor removal

# Performance

## Casino Turbine Financial Benefit



# Milestones

- Year six buyout option at fair market value
- Year twenty lease ends
  - Renew
  - Buy out at fair market value
  - Operator removes turbine
- Closure fund established at year 15

# Cost to Tribe

- Project Manager – approx 200 hours over 1.5 years.
- Legal review – under agreement with developer, cost split between tribe & developer. Approx. 150 hours of legal support.
- Operational costs, insurance, maintenance, monitoring done by Foundation.
- Emergency preparedness coordinated with Campo Reservation Fire Department and Casino.

# Total Post Planning Costs

The total costs to the Campo Kumeyaay in staff time, government review, etc. for the entire project is under \$50,000. Of that, most was covered by existing (non-DOE) grants.

# Key Players

- Campo Executive Committee with delegation by the General Council
- Tribal development corporation (Muht Hei, Inc.) with Casino management
- Foundation Windpower, Inc.
- Bureau of Indian Affairs
- Tierra Environmental Services
- Campo Environmental Protection Agency
- Campo Reservation Fire Department
- Michael Connolly – Project Manager



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