

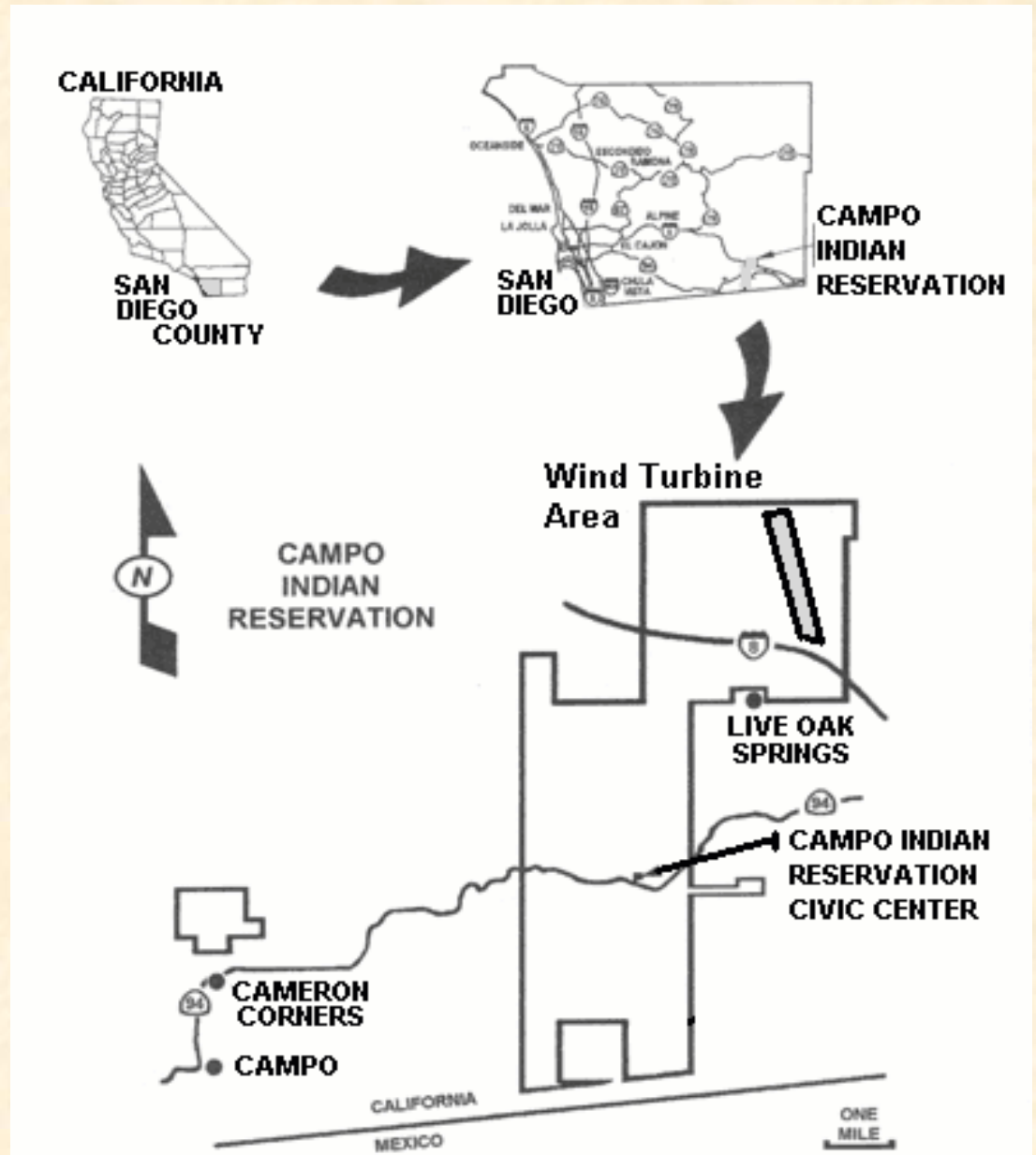


Kumeyaay Wind Energy Project

San Diego County's first commercial
wind project

**Michael Connolly Miskwish
Councilman**

Location map



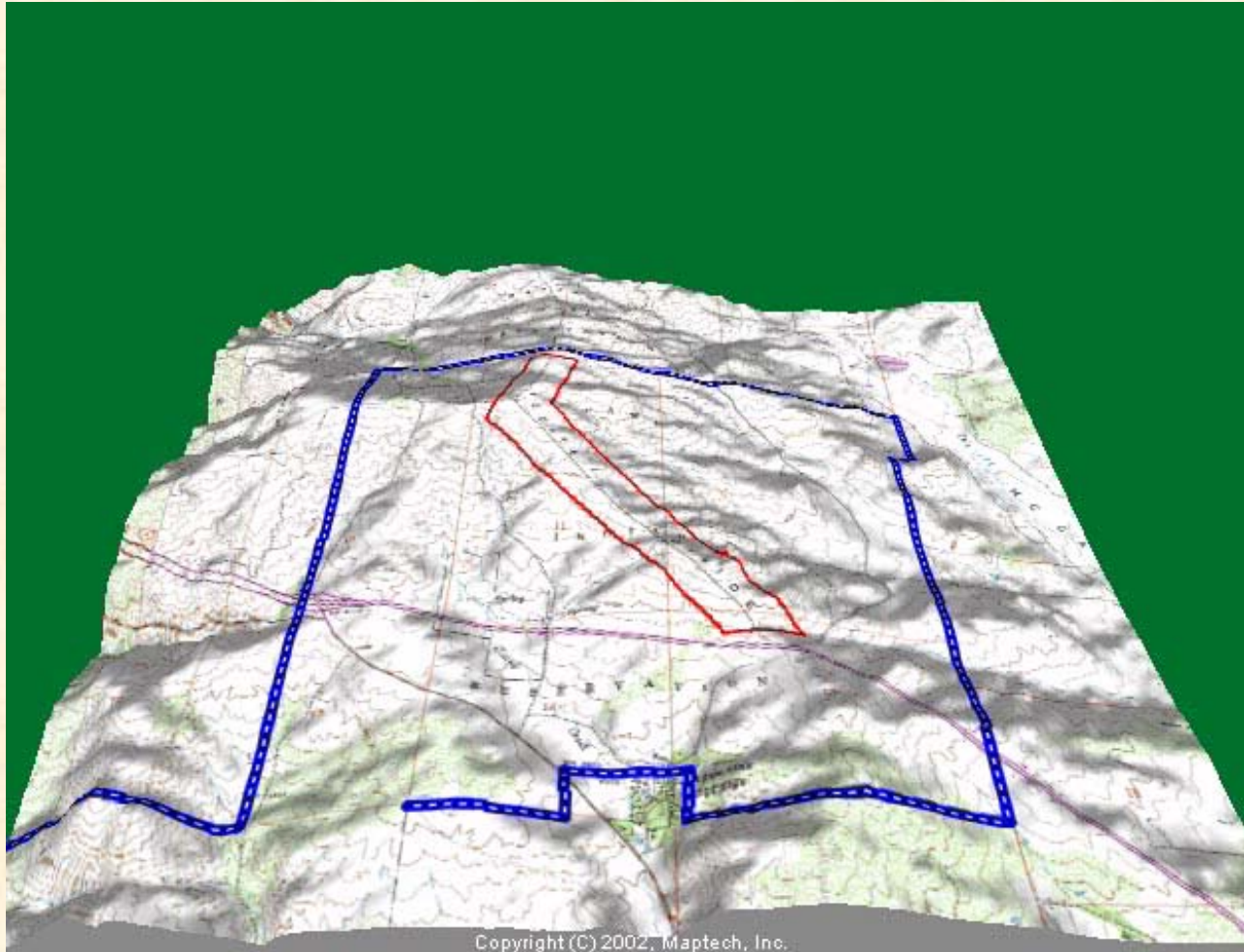
Project Timeline

- Wind monitoring since 1990 – Kenetech windpower
- Data lost in Enron bankruptcy
- New data developed from 2001
- Lease negotiated with Superior Renewable, signed in 2005
- 25 2 MW Gamesa turbines installed by end of 2005
- Superior bought by Babcock & Brown

Positive points for site

- Nearby substation
- Transmission capacity easily upgraded – 269-418 Amp capacity
- Close to market. Over 3 Million in San Diego County. Additional 10 Million in 100 mile radius.
- Good Road Access.
- Ridge perpendicular to wind direction
- Low turbulence – very laminar flow
- Low ice/ mild climate
- 45 acres for facilities, 2.5 square miles of minimal restrictions

Terrain map



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General Finances

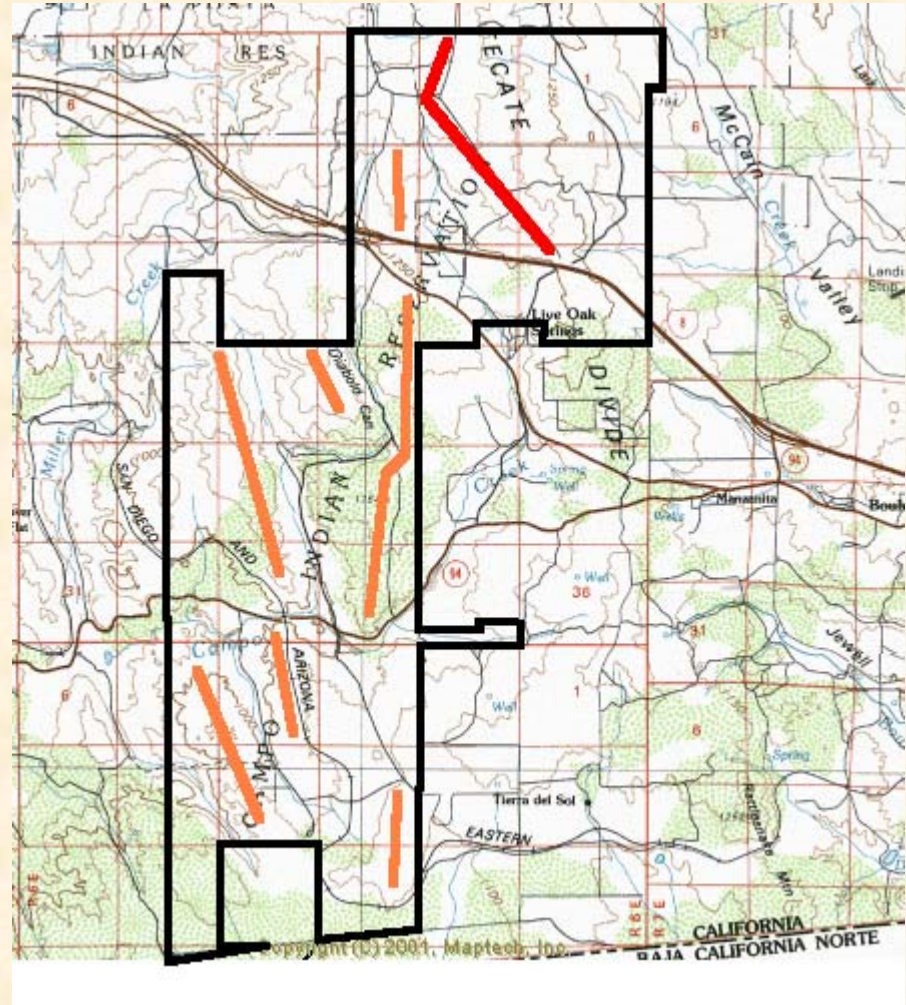
- SEMPRRA pays 49.5-51.75 MW-hr on 20 yr Pre-Enron power purchase agreement
- Construction debt approximately 80 million
- 100% decommission bond by year 15
- Tribe paid lease of 300K-400k based on performance

Major Environmental Considerations

- Potential for raptor deaths
- Potential for bat deaths
- Noise
- Visual impacts
- Restrictions on future development

Additional resource

Up to 100 additional turbines, potentially 300 MW



Constraints on expansion

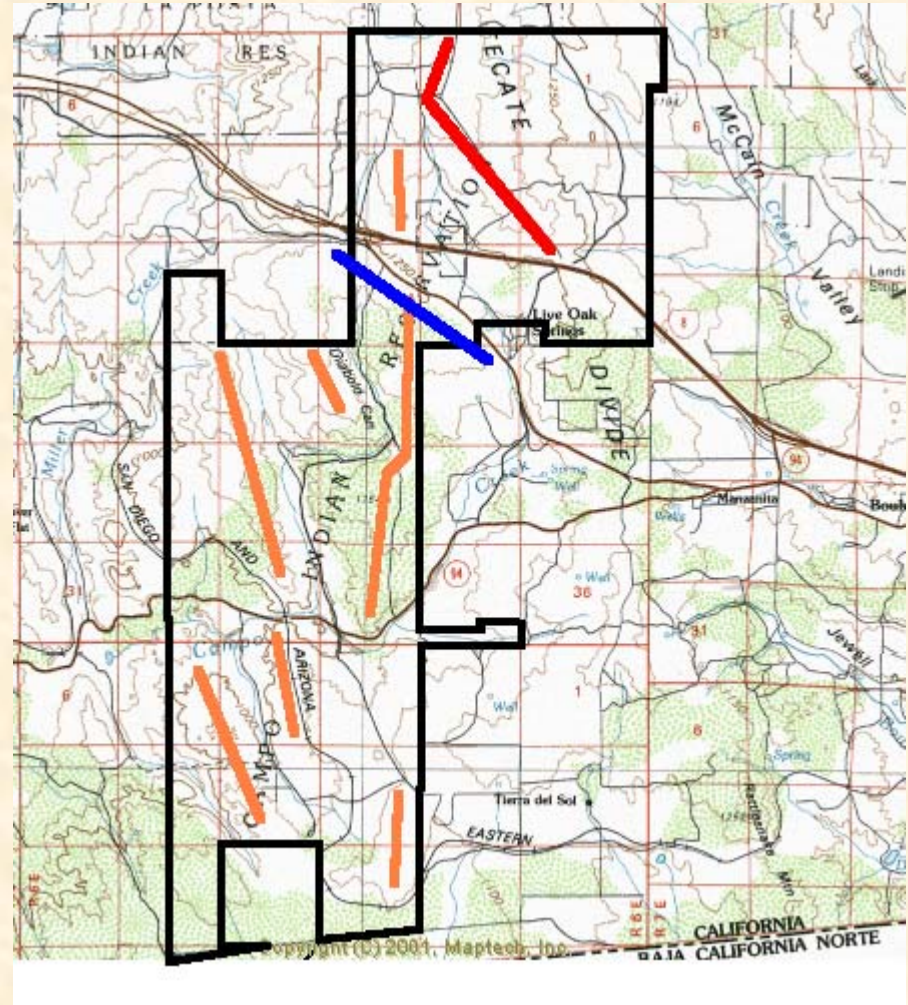
- Property tax
- Infrastructure - Capacity
- Depreciation
- Production tax credit
- Inability to issue tax exempt bonds for infrastructure

Current efforts

- Working with CERT, NCAI and NAWA on legislative answer to syndication
- Support for Production tax credit
- Push for changes to property tax law
- Work with SDG&E on access to 500 KV line
- Push for liberalization of tax exempt bond criteria
- Net metering by Casino planned

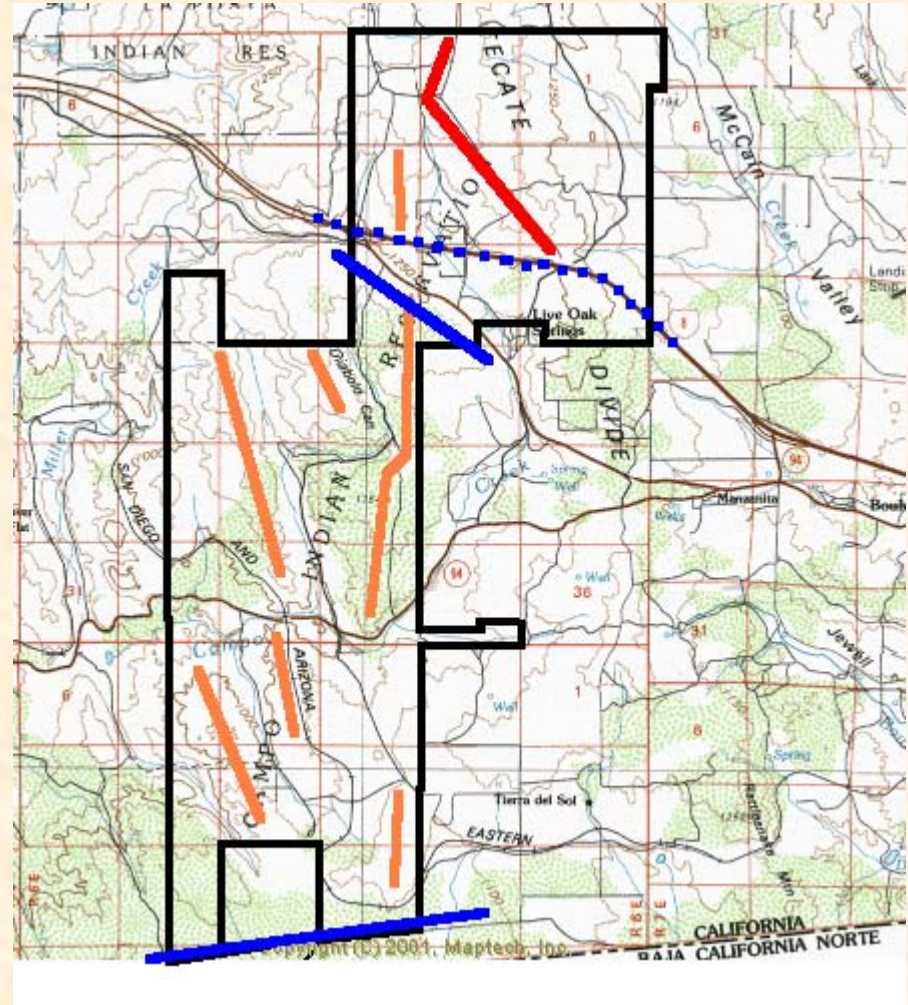
Access to the grid

Currently using the 69 KV line through the Reservation



Access to the grid

Potential access to
500 KV Southwest
transmission or
potential Sunrise
transmission line



Potential Earnings

- With all legislative changes, infrastructure development and continuing incentives
- If wind monitoring proves out resource for 300 MW facility
- Potential for \$25 Million profit average per year over 20 year life of project.

Other considerations

- Plug in hybrid cars
 - .80/gallon
 - Reduced air pollutants
 - Reduced carbon emission – carbon tax-climate registry-groundwater quantity/quality
 - Additional life for deep cycle batteries – real time metering
 - National security

Conclusion

- Wind energy stands as an important element for economic diversification of the Campo economy.
- The Campo community has been supportive of sharing information with other tribal communities.
- To arrange a visit or for further information, contact Michael Connolly Miskwish at tipaay@aol.com or 619 478-2177.