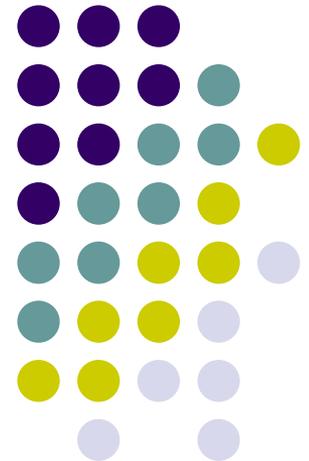


Renewable Energy Transmission Initiative





Overview

- Stakeholder-driven collaborative planning process
- Identify and Rank **Competitive Renewable Energy Zones (CREZ)** in CA and adjacent lands
- Develop Transmission Plans to access CREZ

RETI Organizational Structure





Overview

- **Assumes remote renewables necessary to meet 20% and 33% RPS goals**
- **Compares renewables to renewables**
- **Does not compare renewables to other options/loading order**
- **Prioritizes renewable zones & required transmission:**
 - **Developable potential**
 - **Resource cost and value**
 - **Environmental issues**
- **Emphasizes stakeholder involvement**



Overview

- **RETI will inform the work on the Governor's Renewable Energy Executive Order**
 - RETI results will provide a foundation for identifying renewable development zones for the DRECP process
 - The agencies will welcome all RETI participants into the DRECP process, and the accompanying expedited desert permit process.



OVERVIEW

- **RETI will also inform:**
 - **CPUC, POU, & federal transmission permitting**
 - **CPUC oversight of IOUs' RPS procurement**
 - **CEC transmission corridor designation**
 - **CAISO transmission planning & queue reform**
 - **CEC, local & federal renewable generation permitting**
- **RETI will not usurp any regulatory authority**



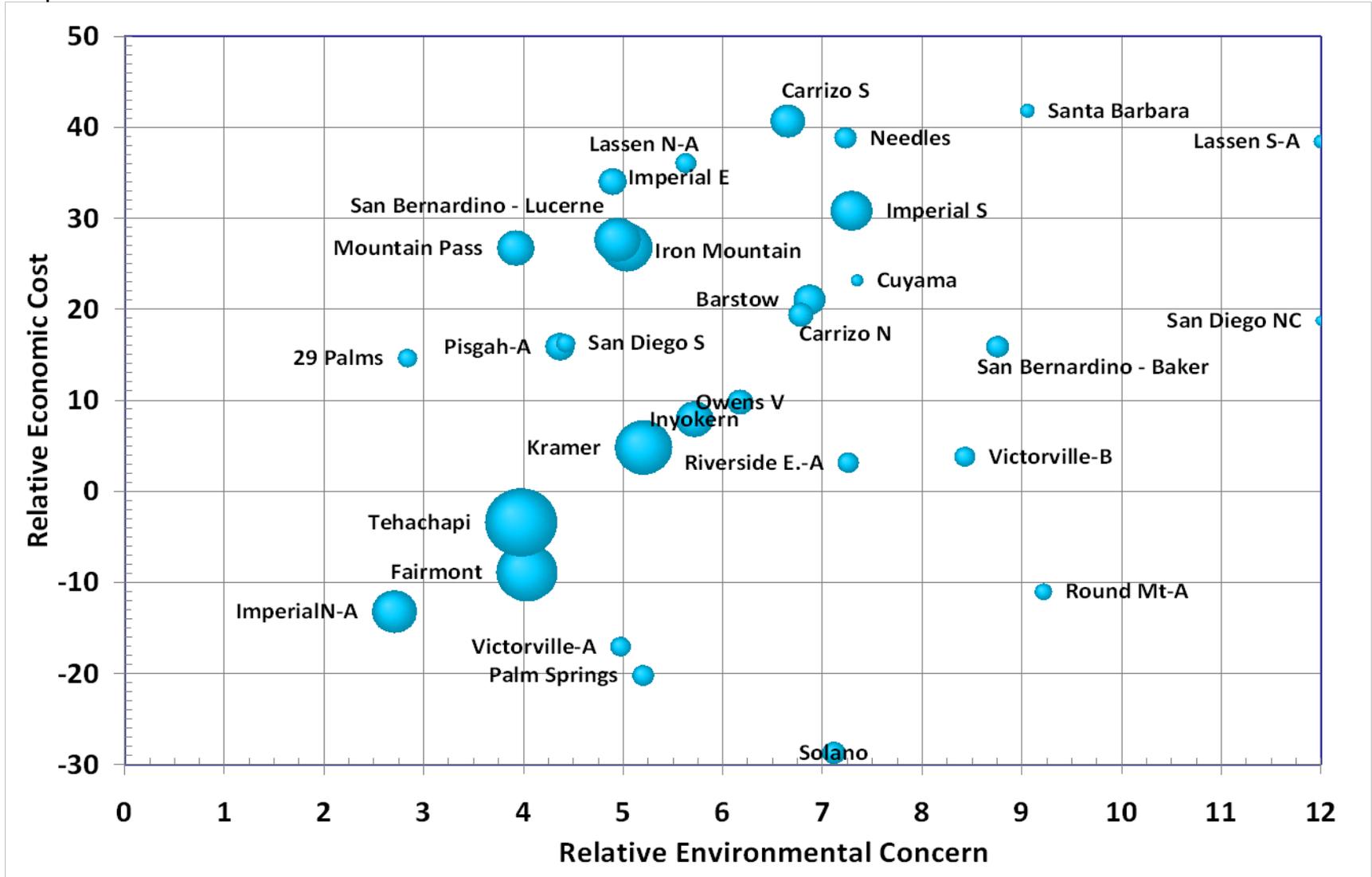
Scope

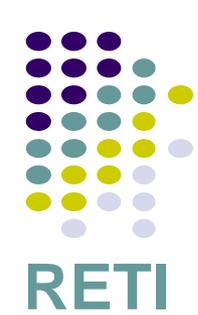
- **Phase 1**
 - **CREZ Identification and Ranking**
 - **Phase 1A: Criteria, Assumptions & Methodology**
 - **Phase 1B: CREZ Identification and Ranking**
- **Phase 2**
 - **CREZ Refinement**
 - **Conceptual Transmission Plans of Service**
- **Phase 3**
 - **Detailed Transmission Plans of Service**



RETI Phase 1B CREZ Bubble Chart

RETI





RETI Phase 2 - Scope of Work

- **CREZ Refinement “on the ground” review.**
 - **CREZ configuration**
 - **Additional Environmental Screening**
 - **Project timing**
 - **Modify CREZ ranking (Bubble Chart)**
- **Conceptual transmission plans of service.**
 - **Transmission segments ranked for cost and environmental concern**



RETI Limitations

- **RETI zones (CREZ) do not represent project specific environmental analysis.**
- **Specific projects in CREZs will require CEQA/NEPA analysis.**
- **RETI is not intended to prejudge the economic or environmental viability of any individual renewable project.**



RETI Schedule

Phase 1:

- **December 17, 2008- Adopted Phase 1 Report**

Phase 2:

- **March, 2009 – Complete Draft Phase 2 Report**
- **April, 2009 – Adopt Final Phase 2 Report**

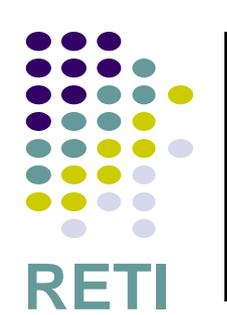
Phase 3:

- **Early 2010– Integrate Priority CREZs in 2010 CAISO Transmission Plan**
- **2010 – Complete Detailed Transmission Plans of Service**



Western Area Governors Association Western Renewable Energy Zones (WREZ)

- **Identify** areas with vast renewable energy resources within 11 states, two Canadian provinces, and areas in Mexico that are part of the Western Interconnection.
- **Conduct** extensive environmental and land-use screens to identify what lands can be developed and what can't
- **Define** renewable energy zone characteristics
- **Build** on existing state renewable energy zone analyses
- **Solicit** maximum stakeholder input to identify renewable energy zones
- **Integrate** with existing sub-regional and Western Electricity Coordinating Council transmission expansion planning processes



Executive Order Directs Agencies to Participate in WREZ

- **CEC** has provided GIS information, technical support and land use policy recommendations.
- **CDFG** has provided important wildlife corridor and sensitive species information consistent with its ongoing work with the Western Wildlife Habitat Council.
- **CPUC** is participating in the process as a member of the WREZ Steering Committee.
- **RETI** will inform the WREZ process.