

**COMPREHENSIVE RENEWABLE ENERGY PLAN  
TECHNICAL ADVISORY COMMITTEE  
MEETING MINUTES  
January 9, 2015, 1:00 PM  
5510 Overland Avenue, Third Floor, Drake Conference Room  
San Diego, California**

**A. Call Meeting to Order**

**TAC members:**

*Jason Anderson  
Craig Benedetto  
Corinne Lytle Bonine  
Douglas Kot  
Peder Norby  
Ken Parks  
John Reaves*

**Empower Devices (ED):**

*Erin Malcolm Brandt  
George Burmeister  
Kat A. Donnelly  
Skip Laitner*

**Members of the public:**

*Susan Freedman  
Anna Lowe  
Cesar Rios  
Ian Stewart  
Donna Tisdale  
Jim Whalen*

**County of San Diego (CSD):**

*Noah Alvey  
Joseph Farace  
Darren Gretler  
Andy Hamilton  
Stephanie Smith  
Andrew Spurgin  
Melanie Tylke  
Mark Wardlaw*

*(TAC member Richard Caputo attended via conference call.)*

**B. Business**

1. October 2, 2014 Technical Advisory Committee Meeting Minutes were approved, with no members opposed.
2. Technical Advisory Committee By-laws were approved, with no members opposed.
3. Rosenberg's Rules of Order were approved, with no members opposed.

**C. Comprehensive Renewable Energy Plan Development**

County staff provided an overview of direction from the Board of Supervisors

1. ED staff provided a summary of the October 2, 2014 TAC Meeting
2. ED staff presented the Economic Methodology. TAC members provided the following input:
  - Provide realistic but ambitious goals/targets
  - Show the triple-bottom-line benefits on key, strategic topics
  - Present technical information in layman's terms
  - Provide land use impacts of the CREP, including encumbering by generation and transmission
  - Describe how the pace of investment impacts cost/benefit (for example on PV and fueling costs)
  - Provide a business model approach to loading order of the scenarios
  - Address demand response (cost of consumption aspect)
  - Include information on the Governor's goals appears that Scenarios 2 and 3 reflect Governor's renewable energy goals - Scenario 1 may not be innovative
  - Consider increase in electricity as future fuel source
  - Summarize the CREP goal as an investment in energy efficiency and renewable energy to reduce operating costs and greenhouse gas emissions

3. ED staff presented on Opportunities for Increasing Renewable Energy and Energy Efficiency in San Diego County. TAC members provided the following input:
  - Address Community Choice Aggregation (CCA) and the percent of customers leaving investor owned utilities
  - Discuss the reliability of CCA
  - Provide the advantages and disadvantages of CCAs (Start-up costs, Financial risk to partners, Duplication of services, Rate stability/unequal benefits, Success rate, Funding source, Legislative barriers)
  - Provide consistency in data sets for public presentation
  - Consider Mark Jacobson study on California Energy Use and Renewables
4. ED staff presented on Best Practices Evaluation. TAC members provided the following input:
  - Consider Regional Energy Networks as a possible funding opportunity
  - Consider best practices from Center of Sustainable Energy, SANDAG, City of Chula Vista, and the City of San Diego
  - Consider increasing costs of renewables
  - Account for yearly increase in rate of return by San Diego Gas & Electric (SDG&E)
  - Suggest a menu of options, illustrating a weighting/ranking of options to help reach the overall targets (i.e. initiatives)
  - Consider technical and economic feasibility
  - Consider start-up costs, capital intensities, longevity of resources
  - Consider end-user costs if available
  - Consider indirect benefits
  - Give Board all the options to consider (with cost benefit presented to the customer).
  - Concern about cost implications and reliability of renewables, consider price predictability for budget purposes
  - Concern over using BAU (Business as usual) as a public facing term, consider using 'current situation', 'current targets', 'status quo' as alternatives.
5. County staff presented Summary and Next Steps

**D. Public Comment**

The public provide comment on the following Items:

**C.3 Economic Development**

- A reduction of large scale renewables in the backcountry may not be the consensus of those residing in the County.
- The benefits of greenhouse gas reductions are not direct benefits of the CREP. The CREP should provide air modeling benefits and potential health impacts of implementing the CREP.
- The CREP should show the year 2030 as a mid-point to align with the Governor's renewable energy goals.
- CREP should consider the greenhouse gas impacts from truck trips to renewable energy sites in the County
- Include the borrowing payback periods

**C.4 Opportunities for Increasing Renewable Energy and Energy Efficiency in San Diego County**

- Is 100% renewable energy attainable?
- What are the options besides CCAs and Direct Access?

**C.5 Best Practices Evaluation**

- Large scale renewable projects do not benefit communities where they are located
- Address the big picture to provide reason to support this county administered system
- Consider quality of life