



Energy Work Group

Challenge

The Partnership recognizes the critical role that clean energy plays in the future of the San Joaquin Valley. The Valley's air is among the worst in the nation—the creation and deployment of renewable and alternative energy sources are intimately tied to the health of Valley residents and its economy. A quality environment is one of the “three Es” of sustainable growth – prosperous economy, quality environment, and social equity.

Opportunity

Promote energy use efficiencies and adoption of clean, renewable energy technologies to ensure a reliable supply, grow the economy, and improve air quality.

Focus

The Energy Work Group focuses on promoting environmentally friendly renewable and alternative energy sources to ensure reliable supply in the San Joaquin Valley. The work group is leading efforts to help make the San Joaquin Valley self-sufficient in its development and use of clean energy. This includes increasing the efficiency with which our homes, farms, and businesses use energy and other resources and producing more electricity and fuel from renewable energy resources such as solar, wind and biomass.

Success for the San Joaquin Valley

- VIEW, the local government partnership funded by Southern California Edison Company and Southern California Gas Company, resulted in kWh reductions of 7,185,695 kWh and demand reduction of 10,184 kW in 2011.
- The Clean Energy Partnership, a regional program funded by U.S. Department of Energy through California Energy Commission and the San Joaquin Valley Air Pollution Control Board was completed in 2012 and resulted in \$4M in energy efficiency investments in San Joaquin Valley communities; kWh reductions of 8,400,000 kWh; and 126 building energy retrofits.
- The Central California Community Colleges Committed to Change (C6) Consortium is helping redesign how community college students are trained to enter the clean energy workforce. The website www.wiasjvceo.org was developed and designed to be a useful resource for students, teachers and job seekers.

About the Partnership

Set in motion by an executive order in June 2005 and renewed in November 2006 and in December 2008, the California Partnership for the San Joaquin Valley is an unprecedented public-private partnership sharply focused on improving the region's economic vitality and quality of life for the 3.9 million residents who call the San Joaquin Valley home. The Partnership is addressing the challenges of the region by implementing measurable actions on economic, environmental, and social levels to help the San Joaquin Valley emerge as *California's 21st Century Opportunity*. On July 1, 2010, the Partnership was extended indefinitely with Executive Order S-10-10.

Work Groups

The Partnership is organized into 10 work groups, convening leaders and experts from throughout the region to implement the 10-year Strategic Action Plan adopted by the Partnership board in October 2006. The work groups include advanced communications services; air quality; economic development; energy; health and human services, higher education and workforce development; housing; preK-12 education; sustainable communities; and water.

Action

Develop a comprehensive regional plan and implementation structure for efficient energy use and clean renewable technologies.

- *Develop a comprehensive regional clean energy plan for the San Joaquin Valley.*
- *Seek an "increased share of "public goods charges revenue" for funding energy efficiency programs from CPUC in portion to regional population.*

Increase efficient energy use in all sectors.

- *Establish a Clean Vehicle Information Exchange Program.*
- *Increase efficient energy use in rural communities.*
- *Develop and implement program to encourage EnergyStar standards for new buildings.*
- *Support adoption of green building ordinances by all local jurisdictions in the Valley.*
- *Support project based learning in schools to demonstrate the positive role that clean energy can play in improving air quality and reducing greenhouse gas emissions.*

Advance energy self-sufficiency and grow the economy through development of clean, renewable technologies.

- *Work with state agencies to explore and demonstrate innovative approaches to increase use of renewable energy, including trading of net metering credits, streamlining the requirement for interconnection to the grid, and structuring incentives for renewable energy production.*
- *Implement community choice energy aggregation projects.*

Improve energy efficiencies in the management and use of water.

- *Convene a State summit to identify/adopt converged water-energy conservation activities.*
- *Design and implement an innovative energy conservation program in water management to include education, diagnosis, and repair/retrofit of equipment for agricultural, water delivery, and wastewater treatment facilities.*
- *Design and implement an innovative energy conservation program in water management for urbanized communities.*

Promote the region as an international leader for clean energy research, development, and use.

- *Work with economic development agencies at local, state, and federal levels to incubate, grow and attract clean energy companies.*
- *Work with community colleges, trade unions and Workforce Investment Boards to ensure that there is an adequately trained workforce for the clean energy industry.*
- *Encourage and support public and private agencies to use and showcase clean energy technologies.*
- *Develop and implement innovative cutting-edge clean energy demonstration projects.*



California Partnership for the
San Joaquin Valley

Administered by

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Community and Economic Development

Energy Work Group

www.sjvpartnership.org

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