

ENERGY WORK GROUP - PKJ (Energy-PKJ)

Supporting Organizations: California State University, Fresno, Great Valley Center, San Joaquin Valley Clean Energy Organization

ACTIONS	STATUS	2009 - 2ND QUARTER REPORT
OVERALL WORK GROUP STAFFING REQUIREMENTS		
Plan, organize and manage all work group meetings; maintain work group records and minutes; maintain Energy portion of Partnership web site; provide monthly and quarterly reports.	O N G O I N G	Held San Joaquin Valley Clean Energy Organization (SJVCEO) Board/Energy Work Group Meetings on April 2 in Merced and on June 11 in Tulare. Identified a new Board Roster for the SJVCEO. Made presentation to the Partnership on June 12 regarding SJVCEO accomplishments and the new SJVCEO Board.
Goal 1: Develop a comprehensive regional plan and implementation structure for efficient energy use and clean renewable technologies.	<input type="checkbox"/>	
Objective A: Establish a regional San Joaquin Valley clean energy organization (SJVCEO) to develop plan and implement programs for energy efficiency and clean energy.		
Initiate and complete "Design Phase" of the SJVCEO.		
Secure funding to launch the office.		
Identify initial pilot projects, secure funding to implement.		
Begin full-scale operation by end of 30 month contract.		
Objective B: Develop a comprehensive regional clean energy plan for the San Joaquin Valley.		
Develop work plan.		
Secure funding to complete the plan.		
Completion of the regional clean energy plan.		
Objective C: Seek an "increased share of "public goods charges revenue" for funding energy efficiency programs from CPUC in portion to regional population.		
		<i>The major focus of the SJVCEO during this quarter was: 1) to increase an eventual use of ARRA clean energy funding in the Valley; 2) to increase public benefit funding in the Valley.</i>
Complete assessment of public goods funding returning to the Valley.		
Analyze the data; develop recommendations to correct the discrepancy.		

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Implement strategies to increase public benefit funding.	IP	<p><i>Major SJVCEO accomplishments during the quarter included:</i></p> <ul style="list-style-type: none"> 1) Signed contract with Southern California Edison to serve as implementing organization to deliver the VIEW local government partnership to jurisdictions in Tulare County; 2) Provided information and assistance to help jurisdictions apply for ARRA Energy Efficiency and Conservation Block Grants from the California Department of Energy; 3) Identified and assessed shovel-ready clean energy project proposals from around the region; and 4) Received contracts to support Energy and Conservation Block Grants with Ceres and Delano and negotiated block support contract with Fresno.
Goal 2: Increase efficient energy use in all sectors.	<input type="checkbox"/>	
Objective B: Increase efficient energy use in rural communities.		Developed partnership with the San Joaquin Valley Air Pollution Control District to pursue ARRA energy grant opportunities for the Valley through the Energy Efficiency and Conservation Block Grants program aimed at small jurisdictions, and the State Energy Program operated through the California Energy Commission .
Develop pilot projects.		
Secure funding.		
Conduct pilots.	IP	On June 18, the SJVCEO briefed the Valley Clean Air Now (Valley CAN) Board on progress with the Arvin pilot project.
Expand to additional locations.		
Objective E: 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.		
Identify best practice school programs.		
Pursue and secure grant funding to develop school programs.		

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Goal 3: Advance energy self sufficiency and grow the economy through development of clean, renewable technologies.	<input type="checkbox"/>		
Objective A: 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.			
Assess and rank opportunities.			
Develop and introduce new approaches.			
Objective E: Implement community choice energy aggregation projects.			
Provide technical assistance to KCRD and participating government entities on clean energy as needed.			
Develop a case study and communicate successes of CCA throughout the region.			
Goal 5: Promote the region as an international leader for clean energy research, development, and use.	<input type="checkbox"/>		
Objective A: Work with economic development agencies at local, state, and federal levels to incubate, grow and attract clean energy companies.			
Work with economic development organizations to develop a database of clean energy companies in the Valley.		IP	Scheduled a July 2009 speaking engagement for an informational meeting about ARRA opportunities for clean energy companies. The meeting was hosted by the Economic Development Corporation serving Fresno County.
Serve as a clearinghouse of information on clean energy companies.			
Objective B: Work with community colleges, trade unions and Workforce Investment Boards to ensure that there is an adequately trained workforce for the clean energy industry.			
Begin an inventory of clean energy training programs offered around the country.			
Advocate for the development of additional training capacity for clean energy jobs.			

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ACTIONS	STATUS	2009 - 2ND QUARTER REPORT
Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects.		
Conduct outreach to universities, labs, CEC, DOE and research facilities.		
Convene meetings with universities, labs, CEC, DOE and research facilities to develop research partnerships and funding.		
Challenges/Problems/Bottlenecks/Feedback encountered during the quarter		
New funds leveraged during the quarter.		During the quarter, SJVCEO leveraged funds from the U.S. Department of Agriculture, corporations, Southern California Edison, and several jurisdictions.

ENERGY WORK GROUP-ICWT (Energy-ICWT)

Supporting Organizations: International Center for Water Technology, California State University, Fresno, Great Valley Center

ACTIONS	STATUS		2009 - 2ND QUARTER REPORT
Goal 4: Improve energy efficiencies in the management and use of water.	✘	IP	Through all Fresno State water entities (Center for Irrigation Technology, California Water Institute, International Center for Water Technology).
Objective A: Convene a State summit to identify/adopt converged water-energy conservation activities.		NP	
Objective B: 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.		IP	Through the Center for Irrigation Technology Ag. Pump Efficiency Program, administered for PG&E and SCE throughout San Joaquin Valley. Project funded fourth time through 2011.
Objective C: Design and implement an innovative energy conservation program in water management for urbanized communities.		NP	
<i>Support Water Work Group and ICWT leadership on these objectives.</i>			
Goal 5: Promote the region as an international leader for clean energy research, development, and use.	✘	IP	Through efforts of International Center for Water Technology and Central Valley Business Incubator WET Lab on Fresno State campus. Major San Joaquin Valley regional technology conference scheduled for April 2010.
Objective A: Work with economic development agencies at local, state, and federal levels to incubate, grow and attract clean energy companies.			
Work with economic development organizations to develop a database of clean energy companies in the Valley.			
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Objective B: Work with community colleges, trade unions and Workforce Investment Boards to ensure that there is an adequately trained workforce for the clean energy industry.		IP	Working through Central Valley Business Incubator.
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ACTIONS	STATUS	2009 - 2ND QUARTER REPORT
Objective C: Encourage and support public and private agencies to use and showcase clean energy technologies.	IP	California Water Institute and International Center for Water Technology are working with Mendota Advanced Bioenergy Beet Cooperative to establish biorefinery.
Conduct outreach.		
Market the showcase sites.		
Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects.	IP	See C above.
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