

ENERGY WORK GROUP - SJVCEO (Energy-SJVCEO)

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

ACTIONS	STATUS	2009 - 4th QUARTER REPORT (October-December 2009)
Goal 1: Develop a comprehensive regional plan and implementation structure for efficient energy use and clean renewable technologies.	☒	
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.		C
Secure funding to launch the office.		C
Identify initial pilot projects, secure funding to implement.		C
Begin full-scale operation by end of 30 month contract.		C
Objective B: Develop a comprehensive regional clean energy plan for the San Joaquin Valley.		IP
Develop work plan.		IP We have continued progress in one important area-- working to leverage utility strategic planning efforts.
Secure funding to complete the plan.		IP During this quarter, we examined the work plan being developed by the CPUC to support local government energy efficiency strategic planning efforts and requirements that must be met by jurisdictions to comply with AB 32 abd AB 375.
Completion of the regional clean energy plan.		C We are shifting focus on this plan and will build through jurisdictions on a bottoms-up basis rather than on a top-down basis, which was originally envisioned. We expect to focus efforts in 2010 with a bottoms-up planning effort with jurisdictions.
Objective C: Seek an "increased share of "public goods charges revenue" for funding energy efficiency programs from CPUC in portion to regional population.		IP <i>Primary focus during Q4 for the SJVCEO was to develop partnerships and apply for ARRA funding on behalf of Valley jurisdictions. We applied for \$17 million in ARRA funding during the quarter.</i>
Complete assessment of public goods funding returning to the Valley.		C No work was conducted on this activity during Q4.
Analyze the data; develop recommendations to correct the discrepancy.		C

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Implement strategies to increase public benefit funding.	IP	SJVCEO's primary accomplishment during this period was to secure approval to serve as the lead implementing organization for VIEW, the local government partnership administered by Southern California Edison and the Gas Company. This partnership should bring \$3 million in utility funding into Tulare and Kings counties.
Goal 2: Increase efficient energy use in all sectors.	<input type="checkbox"/>	
Objective B: Increase efficient energy use in rural communities.		
Develop pilot projects.	C	
Secure funding.	C	
Conduct pilots.	IP	Arvin pilot was completed during Q4. Activity is completed.
Expand to additional locations.	IP	Expansion began in Q4 and will continue in 2010 through the Energy Block Grant Program. SJVCEO formed a partnership with the Air District, which will be applying and administering about \$4 million in energy block grant funding on behalf of 36 small Valley jurisdictions starting in 2010.
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.	IP	
Identify best practice school programs.	C	
Pursue and secure grant funding to develop school programs.	IP	SJVCEO has decided to move this activity to WIA Grant .
Goal 3: Advance energy self sufficiency and grow the economy through development of clean, renewable technologies.	<input type="checkbox"/>	

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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.	IP	Work continued as SJVCEO hosted its second Farming Clean Energy Conference in Tulare in December 2009.
Assess and rank opportunities.	IP	Assessment will be updated by SJVCEO in 2010.
Develop and introduce new approaches.	IP	Activity will be addressed in the first half of 2010.
Objective E: Implement community choice energy aggregation projects.	IP	
Provide technical assistance to KCRD and participating government entities on clean energy as needed.	IP	Technical assistance will be provided on an as-requested basis. None was requested in Q4.
Develop a case study and communicate successes of CCA throughout the region.	NP	No longer required
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.	IP	Activity should be moved to WIA grant
Work with economic development organizations to develop a database of clean energy companies in the Valley.	IP	Activity should be moved to WIA grant
Serve as a clearinghouse of information on clean energy companies.	IP	Activity should be moved to WIA grant
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	Activity should be moved to WIA grant
Begin an inventory of clean energy training programs offered around the country.	IP	Activity should be moved to WIA grant
Advocate for the development of additional training capacity for clean energy jobs.	IP	Activity should be moved to WIA grant
Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects.	IP	
Conduct outreach to universities, labs, CEC, DOE and research facilities.	IP	Outreach took place during Q4 as part of our efforts to secure ARRA funding for the region.

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Convene meetings with universities, labs, CEC, DOE and research facilities to develop research partnerships and funding.	IP	No activity in Q4
Challenges/Problems/Bottlenecks/Feedback encountered during the quarter		Major challenge has been setting priorities and picking the best funding opportunities to pursue. We have a withering array of opportunities.
New funds leveraged during the quarter.		We continue to leverage funds from the U.S. Department of Energy, the U.S. Department of Agriculture, Valley Clean Air Now (Valley CAN), Southern California Edison and Pacific Gas and Electric, corporations, private sponsors, 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 - 4th QUARTER REPORT (October-December 2009)
Goal 4: Improve energy efficiencies in the management and use of water.	<input type="checkbox"/>	IP	Remains a key element of Fresno State water mission going forward
Objective A: Convene a State summit to identify/adopt converged water-energy conservation activities.		IP	Fresno State will host regional water technology conference May 10-12 in Fresno
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	Proceeding forward as part of PG&E and SCE energy efficiency contracts
Objective C: Design and implement an innovative energy conservation program in water management for urbanized communities.		IP	
<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.	<input type="checkbox"/>	IP	Claude Laval Water & Energy Technology (WET) Lab and May technology conference will promote these actions going forward
Objective A: Work with economic development agencies at local, state, and federal levels to incubate, grow and attract clean energy companies.		IP	Proceeding forward as part of core mission and WIA grant
Work with economic development organizations to develop a database of clean energy companies in the Valley.		IP	
Serve as a clearinghouse of information on clean energy companies.		IP	
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	Proceeding forward as part of WIA grant
Begin an inventory of clean energy training programs offered around the country.		IP	
Advocate for the development of additional training capacity for clean energy jobs.		IP	
Objective C: Encourage and support public and private agencies to use and showcase clean energy technologies.		IP	Component of core mission of Fresno State water entities
Conduct outreach.		IP	
Market the showcase sites.		IP	

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Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects.	IP	Component of core mission of Fresno State water entities
Conduct outreach to universities, labs, CEC, DOE and research facilities.	IP	
Convene meetings with universities, labs, CEC, DOE and research facilities to develop research partnerships and funding.	IP	
Challenges/Problems/Bottlenecks/Feedback encountered during the quarter		
New funds leveraged during the quarter.		Bureau, DWR, PG&E funds