

ENERGY WORK GROUP - SJVCEO (Energy-SJVCEO)

Supporting Organizations:

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

C = Completed
 IP = In Progress
 NP = No Progress
 W = WIA Grant

| ACTIONS | STATUS | 2010 1st QUARTER (Jan 1 - Mar 31) |
|--|--------------------------|--|
| Goal 1: Develop a comprehensive regional plan and implementation structure for efficient energy use and clean renewable technologies. | <input type="checkbox"/> | |
| Objective B: Develop a comprehensive regional clean energy plan for the San Joaquin Valley. | | A lack of funding and other changes at the state level have changed our focus in this area to determining how we can help jurisdictions comply with AB 32 and 375 and comply with state energy efficiency strategic plan. |
| Develop work plan. | | NP |
| Completion of the regional clean energy plan. | | IP During the quarter, our planning effort through San Joaquin Valley Clean Energy Organization (SJVCEO) focused on 1) Helping jurisdictions in Kings and Tulare counties pursue strategic planning funding from utilities through the VIEW partnership; 2) Helping Delano and Ceres develop climate action plan approaches through their energy block grants. |
| Objective C: Seek an “increased share of “public goods charges revenue” for funding energy efficiency programs from CPUC in portion to regional population. | | Wrote letters and organized a series of meetings in Sacramento through the Partnership to seek redress when \$10 million of Valley-based grant applications were rejected by the California Energy Commission. |
| Complete assessment of public goods funding returning to the Valley. | | NP |

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| Implement strategies to increase public benefit funding. | IP | 1) Signed on to letter and met with California Public Utilities Commission (CPUC) staff in Sacramento to seek ways to increase Valley funding for residential retrofit programs funded by CPUC and U.S. Department of Energy (DOE); 2) Was notified that SJVCEO was selected as an energy champion by Southern California Edison for work it is doing with jurisdictions in Kings and Tulare counties through the VIEW Partnership. |
| Goal 2: Increase efficient energy use in all sectors. | <input type="checkbox"/> | IP Prepared and submitted a draft proposal to the CEC to provide financial support to the SJVCEO to build capacity and increase energy efficiency use in all building sectors and the agriculture sector. |
| Objective B: Increase efficient energy use in rural communities. | | |
| Conduct pilots. | NP | |
| Expand to additional locations. | IP | Submitted EECBG application documentation for 37 Valley jurisdictions. Most of these jurisdictions indicated they would not have been able to apply for these funds without support from the SJVCEO/San Joaquin Valley Air Pollution Control District. These grants are expected to be awarded in early May. |
| 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. | | |
| Pursue and secure grant funding to develop school programs. | W | Prepared and submitted a draft proposal to the CEC to provide financial support to the SJVCEO to build capacity and increase energy efficiency use in all building sectors and the agriculture sector. |
| 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 | Proposal was submitted to CEC for financial support to support this activity. (See Goal 2 above.) |
| Assess and rank opportunities. | IP | Assessment will be updated by SJVCEO in last half of 2010. |
| Develop and introduce new approaches. | IP | Activity will be addressed in the last half of 2010. |
| Objective E: Implement community choice energy aggregation projects. | | |
| 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 Q1. Given the current economic environment, it is highly unlikely that this assistance will be requested. |
| 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. | W | |
| Work with economic development organizations to develop a database of clean energy companies in the Valley. | W | |
| Serve as a clearinghouse of information on clean energy companies. | W | |
| 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. | W | |
| Begin an inventory of clean energy training programs offered around the country. | W | |
| Advocate for the development of additional training capacity for clean energy jobs. | W | |
| Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects. | | |

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| Conduct outreach to universities, labs, CEC, DOE and research facilities. | IP | SJVCEO talked with University of California and other representatives about involving the Valley in a \$130 million building retrofit project funded by the DOE. Discussions are ongoing to determine the role that the Valley might play. Proposals are due to DOE in Q2. |
| Convene meetings with universities, labs, CEC, DOE and research facilities to develop research partnerships and funding. | IP | As noted above, the SJVCEO talked with University of California and other representatives about involving the Valley in a \$130 million building retrofit project funded by the DOE. Discussions are ongoing to determine the role that the Valley might play. Proposals are due to DOE in Q2. |
| Challenges/Problems/Bottlenecks/Feedback encountered during the quarter | | Major challenge is currently unrestricted funding for the SJVCEO to allow it to pursue ARRA and other funding opportunities on behalf of the Valley. |
| New funds leveraged during the quarter. | | We continue to pursue and 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, the Gas Company, 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

San Joaquin Valley Clean Energy Organization

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| 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. | | | 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. | | | |
| <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 | WET Lab and 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. | | W | Proceeding forward as part of core mission and WIB grants |
| Work with economic development organizations to develop a database of clean energy companies in the Valley. | | | |
| 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. | | W | Proceeding forward as part of WIB grant |
| 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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| Objective C: Encourage and support public and private agencies to use and showcase clean energy technologies. | IP | A component of core mission of Fresno State Water entities |
| Conduct outreach. | | |
| Market the showcase sites. | | |
| Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects. | | A component of core mission of Fresno State Water entities |
| 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. | | Bureau, DWR, PG&E funds |

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ENERGY WORK GROUP-GVC (Energy-GVC)

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| Goal 2: Increase efficient energy use in all sectors. | <input type="checkbox"/> | |
| Objective A: Establish a Clean Vehicle Information Exchange Program. | | |
| <i>Support CALSTART and Air Quality Work Group efforts on this objective.</i> | | Provide e-blasts for Cal-Start Program |
| Objective C: Develop and implement program to encourage EnergyStar standards for new buildings. | | |
| Inventory Valley case studies of Energy Star buildings. | C | Done - Summer 2009 |
| Develop and execute communications plan to promote adoption of Energy Star buildings. | | Dropped - superseded by new T-24 |
| Objective D: Support adoption of green building ordinances by all local jurisdictions in the Valley. | | |
| Collect model green building ordinances. | C | Done - 2009 |
| Develop and execute communications plan to promote adoption of EnergyStar buildings. | IP | Ongoing - PG&E/SCE training promotions |
| 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 | Ongoing - with community college Centers of Excellence program |
| Serve as a clearinghouse of information on clean energy companies. | | See www.gvc-energy.org |
| 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. | | Valleywide only with PG&E, SCE & COE programs |
| Advocate for the development of additional training capacity for clean energy jobs. | | See 5-A above |
| Objective C: Encourage and support public and private agencies to use and showcase clean energy technologies. | | |
| Conduct outreach. | | Soliciting cities for greenhouse gas inventories |
| Market the showcase sites. | | See www.gvc-energy.org |

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| Objective D: Develop and implement innovative cutting-edge clean energy demonstration projects. | | | |
| Conduct outreach to universities, labs, CEC, DOE and research facilities. | | IP | Working on clean jobs with University of California, Merced and California State University, Stanislaus as well as Community colleges through the COE outreach |
| Convene meetings with universities, labs, CEC, DOE and research facilities to develop research partnerships and funding. | | | |
| Challenges/Problems/Bottlenecks/Feedback encountered during the quarter | | | Funding |
| New funds leveraged during the quarter. | | | None - seeking grants for next quarter and negotiating with utility for PUC Green Communities program |