


US EPA ARCHIVE DOCUMENT

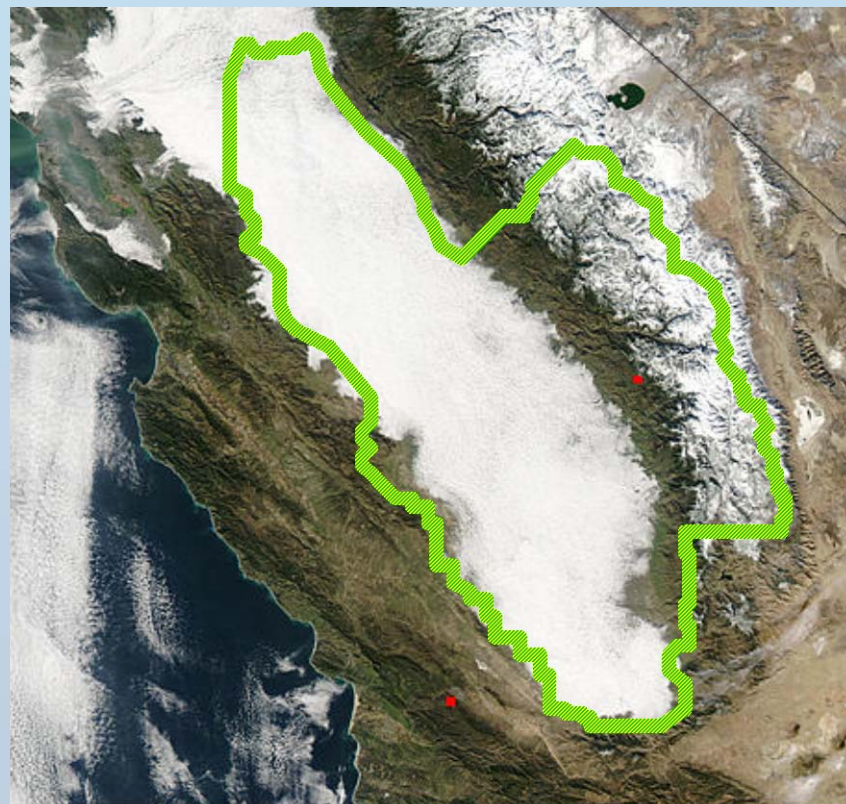


Funding Opportunities for Organic Residual-to-Clean Energy Projects

Pacific Southwest Organic
Residuals Symposium
15September2010

Natural Environment & Air Quality

- Hot, dry climate
- Stagnant weather patterns
- “Temperature inversions” that act as a lid on the Valley
- Bowl-shaped topography created by surrounding mountains



San Joaquin Valley APCD

- NO_x as a primary focus
 - Extreme Nonattainment for Ozone
 - Nonattainment for $\text{PM}_{2.5}$
- District's role
 - Develop attainment strategies
 - Develop rules
 - 500 rules and rule amendments since 1992
- Incentives for Emission Reductions
 - More than \$100 million this year



Technology Advancement Program

- Adopted by the District's Governing Board March 18, 2010.
 - Authorized funding for the program's first request for proposals
- Established initial technology focus areas
 - Area I: Renewable Energy
 - Area II: Waste to Energy
 - Area III: Mobile Sources

TAP: Establishing Partnerships

- With innovators
 - *letters of support*
 - *grant writing assistance*
 - *collaborative grant applications*
- With higher education
 - *expanding capacity for research in the Valley*
- Interagency cooperation

Clean Air Technology Initiative

- Collaborative Initiative by four agencies
 - U.S. Environmental Protection Agency
 - California Air Resources Board
 - South Coast AQMD
 - San Joaquin Valley APCD
- Focus on specific regions
 - San Bernardino
 - Southern Valley

Other Funding Opportunities

- Technology Advancement Program
 - Ongoing proposal submittals
- USDA
 - Biorefinery Assistance Program
 - Renewable Energy Feasibility Grants
- California Energy Commission
 - Alternative And Renewable Fuel And Vehicle Technology Program
- Future funding opportunities

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