



Item 8: Cost Share for Federal Clean Energy Funding Opportunities, Carbon Removal Innovation Support Program (CRISP) GFO-22-901

October 3rd, 2024 Business Meeting

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Industrial Decarbonization & Carbon Management
Energy Research and Development



Benefit to Californians

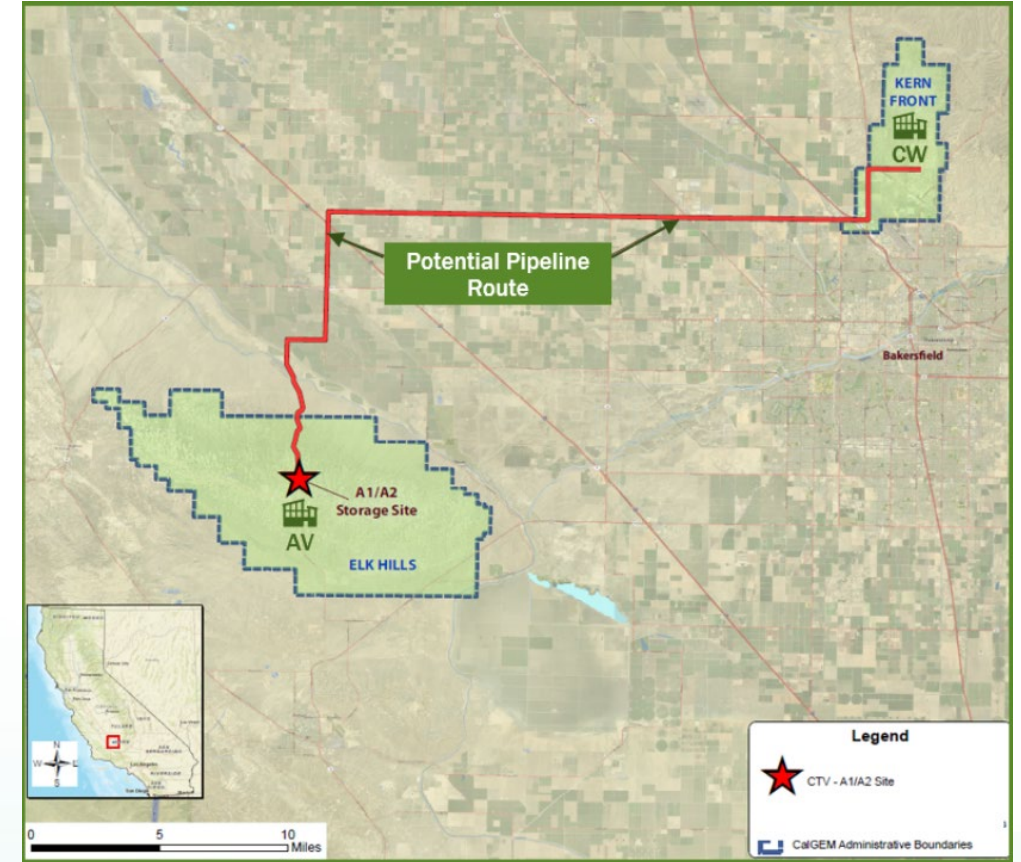
- \$3.3M of CEC grant funds will leverage \$14.3M of federal funding
- Capture CO₂ emissions and utilize
- Improve air quality
- Job creation

Awardee	CEC Funding	DOE Funding	Other Match
EPRI	\$3M	\$12M	\$9M
UC Berkeley	\$300K	\$2.3M	\$750K



Item 8.a EPRI

- Kern County
- Engage with local community
- Plan and design direct air capture hub
 - Identify direct air capture technologies
 - Plan for CO₂ storage
 - Identify potential clean energy sources
- Investigate potential environmental impact(s)
- Conduct life cycle analysis



Source: EPRI



Item 8.b UC Berkeley

- San Joaquin Valley
- Technical and social feasibility study
 - Engage with local communities
 - Work with various technology companies and research organizations
- Design direct air capture hub
 - Identify potential host sites
 - Identify water and energy needs
 - Plan storage options
 - Assess environmental impacts
 - Conduct life cycle analysis



Source: UC Berkeley



Staff Recommendation

- Adopt staff's recommendation that these actions are exempt from CEQA
- Approve grant agreements