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SB 100 Central Valley Workshop

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Setting the Context

- Basic Infrastructure skirts disadvantaged communities throughout the San Joaquin Valley including basic energy infrastructure.
- Many communities are reliant on small water systems or wastewater systems that have high energy demands.
- The San Joaquin Valley has among the highest levels of toxic air contaminants and criteria air pollutants.
- Low wage jobs and lack of career and professional opportunities impacts economic security and development.
- People already face among the highest energy burdens in the state.
- Climate change will only exacerbate these vulnerabilities unless we act now.
A Path To Reliability And Affordability

- Implement clean energy programs and projects that respond to region’s needs / opportunities
  - E.g. Community Solar Project that Allows Greater Distance between Solar Array and Communities
- Invest in weatherization and energy efficiency
- Invest in reliability
  - E.g. battery and other forms of storage
- Invest in efficient water heating appliances to reduce costs and energy demand
- Invest in community assets including small community water and wastewater systems
- Protect groundwater supply to prevent increased costs associated with lowered water table
A Path to Equity and Environmental Quality

- Ensure community participation throughout the process
- Invest in renewable energy that does not come at the expense of air quality, water quality, or quality of life
- Prioritize investments to address energy needs (clean, affordable, reliable) of most vulnerable households and communities
- Incorporate clean and equitable energy policy into broad environmental justice strategy
  - Truly clean and renewable energy
  - Land use and transit priorities that support existing neighborhoods and reduce vehicle miles traveled
Further reading

- Economic Impacts

- Energy and Water, PPIC

- Working Paper on GGRF Dairy Digester Program