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<td>Presentation 1 - Item 4 - Information Item on Fellowship Projects under Chair Hochschild’s Office</td>
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<td>Recap of CivicSpark Service Year at the CEC</td>
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<td>Filer:</td>
<td>Dorothy Murimi</td>
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<td>Organization:</td>
<td>California Energy Commission</td>
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<td>Submitter Role:</td>
<td>Commission Staff</td>
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Item 4: Recap of CivicSpark Service Year at the CEC

Presenter: Jess Frisbie (they/them), CivicSpark Fellow
Date: August 10, 2022
What Is CivicSpark?

• A program of CivicWell, funded by AmeriCorps
• Fellowship program for recent graduates
• Focuses on building capacity and resilience related to climate change
• Each Fellow works on a distinct project
My Service Year

- Supported the Lithium Valley Commission
- Participated in the Rainbow Affinity Group
- Completed various tasks for the Chair’s office
  - Templates to support project management
- Attended the April 18 Battery Day Symposium in Diamond Bar, CA
- Attended the July 15 Tribal Informational Session in Torres Martinez
Pictures from Imperial County

On the shores of the Salton Sea

Date farm near the Torres Martinez Desert Cahuilla Indian Reservation
Takeaways

• Developed my skillset as a young professional
• Started building a network
• Learned about state processes
• Witnessed the CEC’s commitment to clean energy goals
• Made lifelong connections with mentors
Thank You!
Item 4: Shultz Fellowship Updates
August 10, 2022 Business Meeting

Kapil Dheeriya (he/him), Shultz Energy Fellow
Chair Hochschild’s Office
Shultz Energy Fellowship Overview

• Stanford students support energy-related agencies across the Western United States for the summer.
• CEC, CARB, CPUC, CAISO, CDWR, WECC, WIEB, Hawaii PUC and more
• Two Shultz Fellows at CEC
About Me

• Rising sophomore studying physics and public policy
  • Interested in the intersection of science, engineering and policy
• Excited about variety of energy policy areas at CEC
• In Chair Hochschild’s Office working closely with Vice Chair Gunda’s Office on gas decarbonization.
Gas Decarbonization Challenges

Figure ES-1: Outside Forces in the Natural Gas Delivery Sector Could Lead to Lower Gas Demand and Higher Rates in Future Greenhouse Gas Reduction Scenarios

- Aging gas infrastructure and rising gas commodity costs
- Higher gas rates
- Fixed costs allocated to fewer customers
- Gas demand falls
- Economic building electrification
- Lower cost renewables, increasing electric demand, and better heat pumps
- Climate policies

Source: E3
Gas Decarbonization Efforts

- Ongoing proceedings at CEC, CPUC, and CARB on decarbonizing gas system
- CEC Gas Decarbonization OIIP started in June
- Literature review of 50+ agency/stakeholder reports with focus on equity challenges
- Small research project on industrial gas use
  - Pulling key findings from agency efforts

2019 CALIFORNIA GAS DEMAND BY SECTOR

- Power Gen 28%
- Residential 21%
- Transportation 2%
- Commercial 12%
- Industrial 37%
Fellowship Highlights

• Learning about gas system complexity and challenges
• Opportunity to interact with staff across divisions
• Engage in intra-agency and inter-agency collaboration
• Exposure to a wide range of topics:
  • Lithium valley, hydrogen, offshore wind, battery manufacturing
Looking Forward

• In the next weeks:
  • Continue to support gas decarbonization efforts at CEC
  • Learn more about CEC divisions
  • Explore Sacramento

• Beyond the fellowship:
  • Engage in energy policy research at Stanford
  • Explore a career in energy policy
Thank You!