<table>
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<th><strong>DOCKETED</strong></th>
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<tr>
<td><strong>Docket Number:</strong> 19-IEPR-10</td>
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<tr>
<td><strong>Project Title:</strong> Climate Adaptation</td>
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<td><strong>TN #:</strong> 229262</td>
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<tr>
<td><strong>Document Title:</strong> Fremont Fire Stations Solar Microgrids – EPC14050</td>
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<tr>
<td><strong>Description:</strong> Presentation by Vipul Gore, President and CEO, Girdscape Solutions</td>
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<td><strong>Filer:</strong> Raquel Kravitz</td>
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<td><strong>Organization:</strong> California Energy Commission</td>
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<td><strong>Submitter Role:</strong> Commission Staff</td>
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<td><strong>Submission Date:</strong> 8/7/2019 11:36:42 AM</td>
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Fremont Fire Stations Solar Microgrids – EPC-14-050

• Project Sites
  • Three Critical Facilities – Fire Stations in the City of Fremont
  • 10 year Energy Savings PPA with the City of Fremont

• Benefits to the State and City
  • 10-12 hour Renewable Energy Islanding in case of disasters
  • 75%-80% of Net Energy Cost Savings
  • Clean & Sustainable Energy
  • Public-private partnership

• Partners
  
• Project Details (each site, replicable)
  • 40KW Solar Canopy System
  • 110 kWhr Li-On Energy Storage System
  • EnergyScope™ Microgrid Controller
  • EnergyScope™ Cloud-based DERMS
Virtual Wide Area Microgrid Network – EPC-17-052

EnergyScope™ DERMS

Utility Tariffs, Demand Response, EV Charging Networks

EnergyScope™ Dashboard
- Smart Energy Profiles
- Indefinite/Optimal Power
- On-grid Energy Savings
- Demand Charge Mgmt
- Critical Load Analysis
- Demand Response
- Backup Generator Mgmt

Fire Stations

C&I, Retail Buildings

Emergency Operations Centers

Future Fueling Stations