



California Dairy Biogas Activities

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California Energy Commission

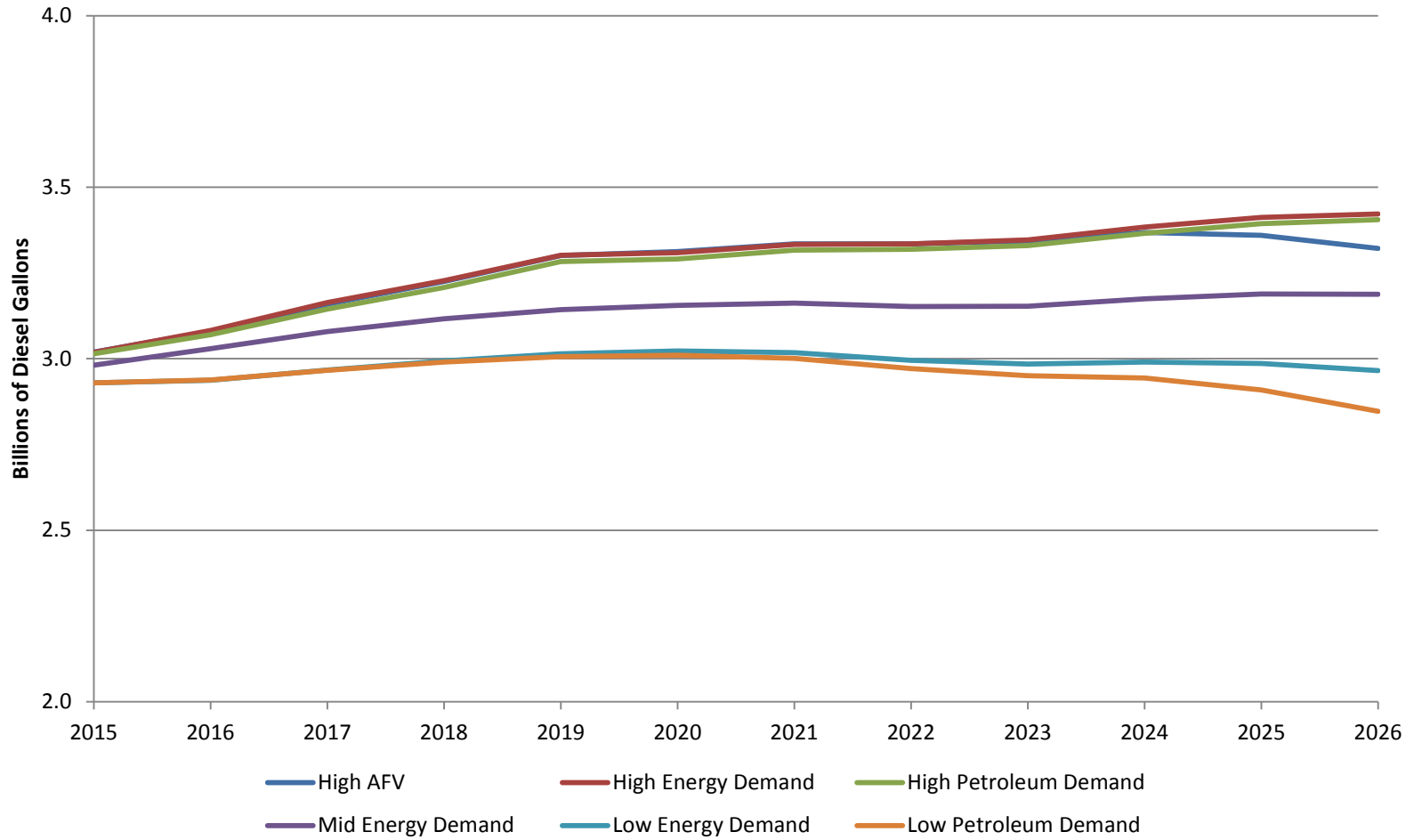
California Dairy and Livestock Greenhouse Gas Reduction Working Group
Meeting

Sacramento, California

May 23, 2017

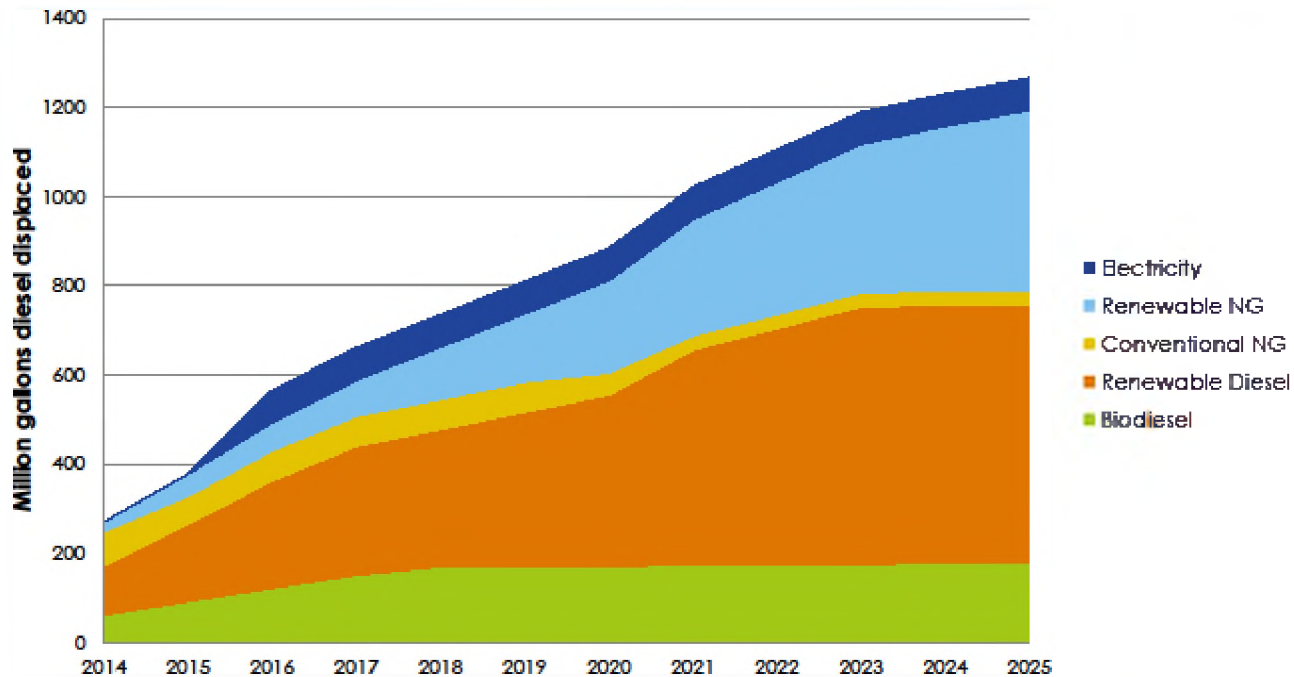


On-Road Diesel Demand Forecast





Illustrative Compliance Scenario: Diesel Displacement





CEC Dairy Biogas Activities

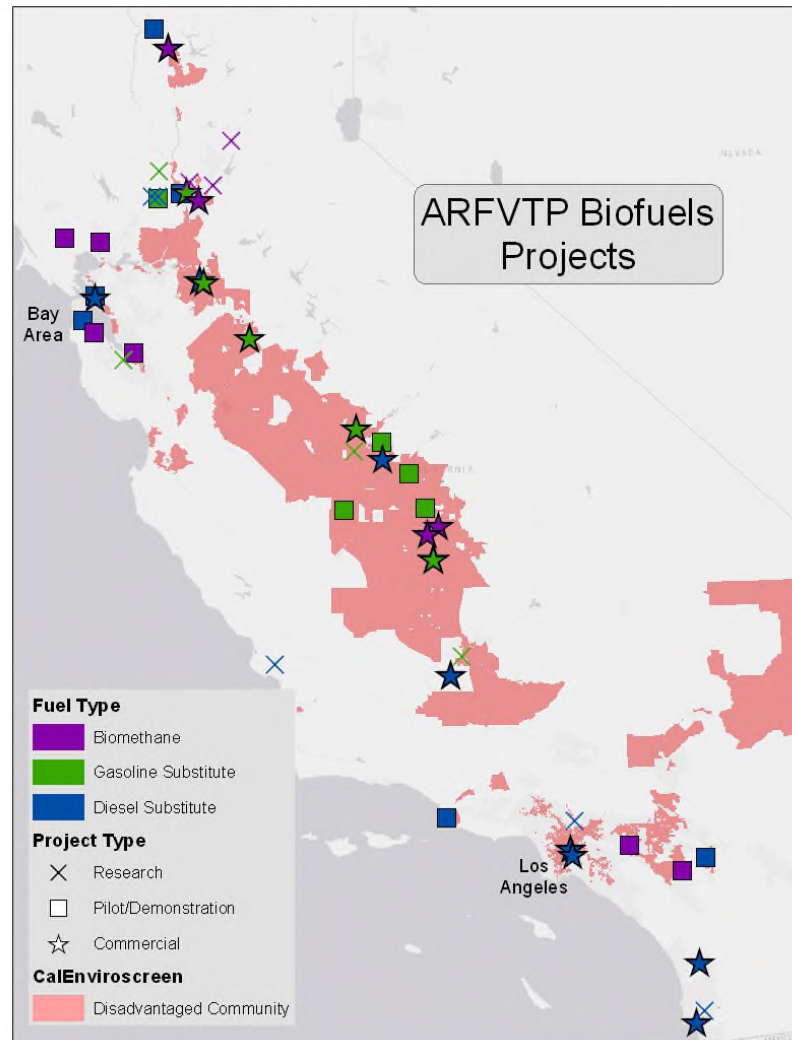
ARFVTP

- Calgren Renewables – Pixley
- California Bioenergy – Kern Dairy Cluster
- Agriculture Waste Solutions – Moreno Valley
- Colony Energy Partners - Tulare

R&D

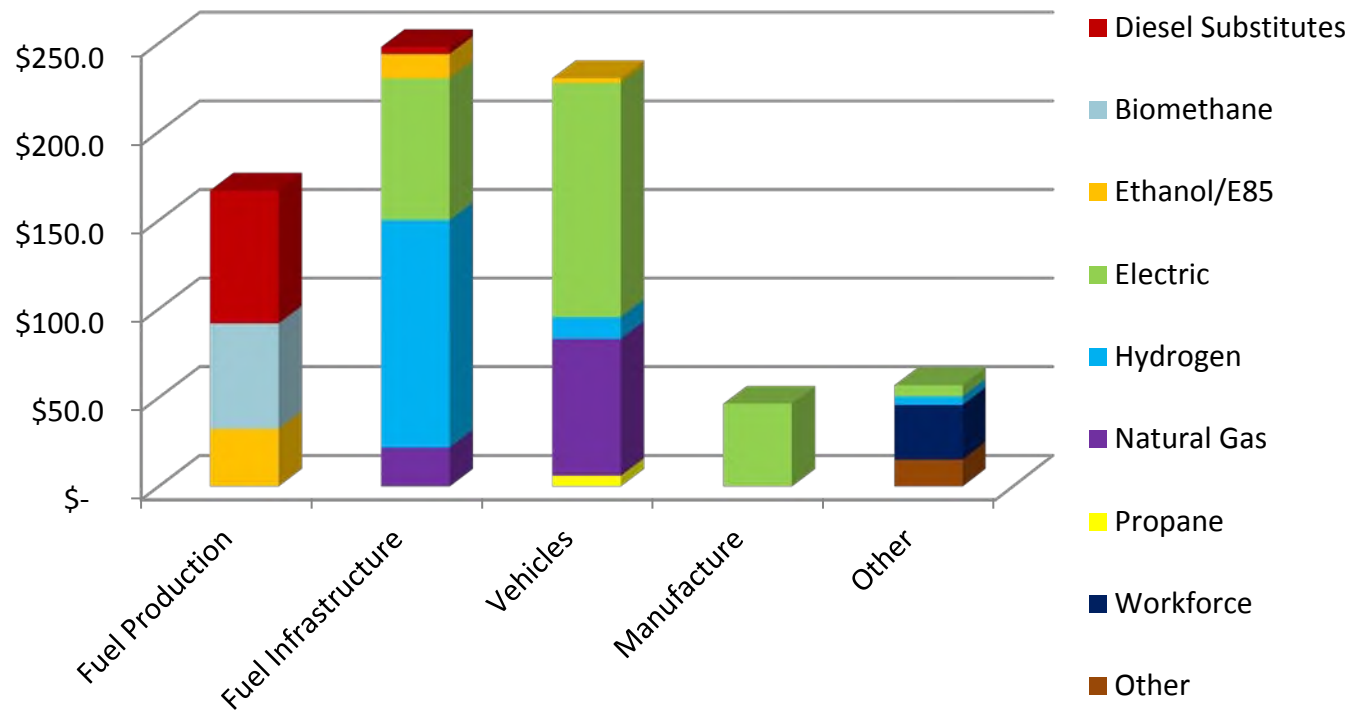
- Dairy Power Production Program – 10 power generation projects
- Vintage Dairy pipeline injection demonstration
- Kern Dairy Cluster
- Biomethane Roadmap

Biofuel Project Locations





ARFTP Funding History





SB 1383 Challenges Addressed at IEPR Workshop on June 27, 2017

- How many projects are needed to achieve SB 1383 target (40% SLCP reduction by 2030)?
- Cost-effectiveness of projects at mass market deployment
- Perceived uncertainties about government programs
- Utilities balance reliability/safety with expedited and lower cost interconnection/injection
- Growth needed in vehicle product offerings