

DOCKETED

Docket Number:	23-BUSMTG-01
Project Title:	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
TN #:	250077
Document Title:	Item 8 - Food Production Investment Program 2022 GFO-22-303
Description:	N/A
Filer:	Eleanor Oliver
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	5/9/2023 11:41:19 AM
Docketed Date:	5/9/2023



Item 8: Food Production Investment Program 2022 - GFO-22-303

May 10, 2023

Eleanor Oliver, Solicitation Manager
Energy Efficiency and Research Branch
Energy Research and Development Division



FPIP by the Numbers



Awarded

\$117.8M

Projected Annual Emissions Reduction

161,650 MT CO₂e*

56 Projects

Animal Feed & Ethanol

4

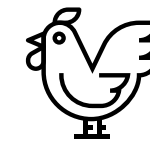


11

Prepared Food Producers

Beverage, Breweries, & Wineries

11

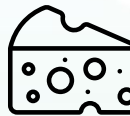


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Meat & Rendering

Dairy Processing

7



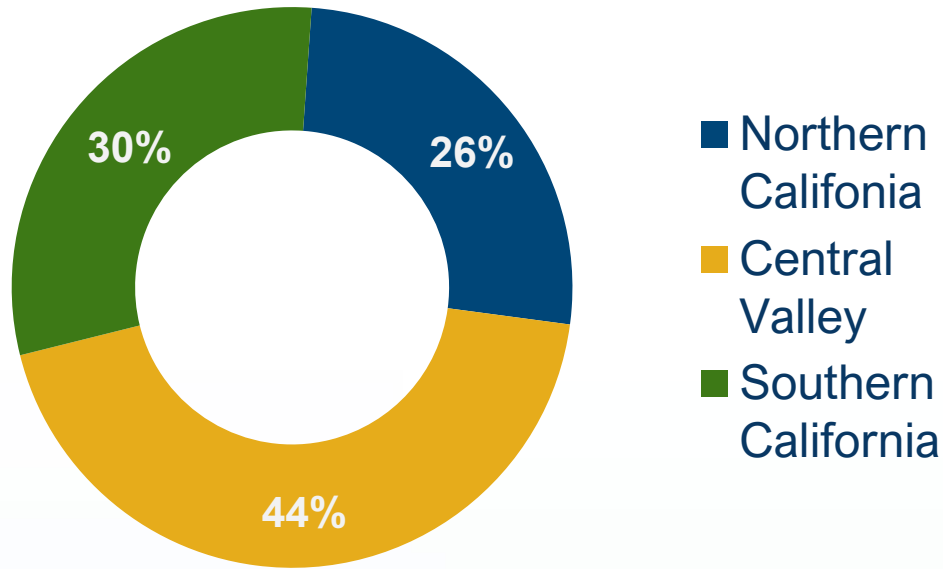
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Fruits, Nuts & Vegetables

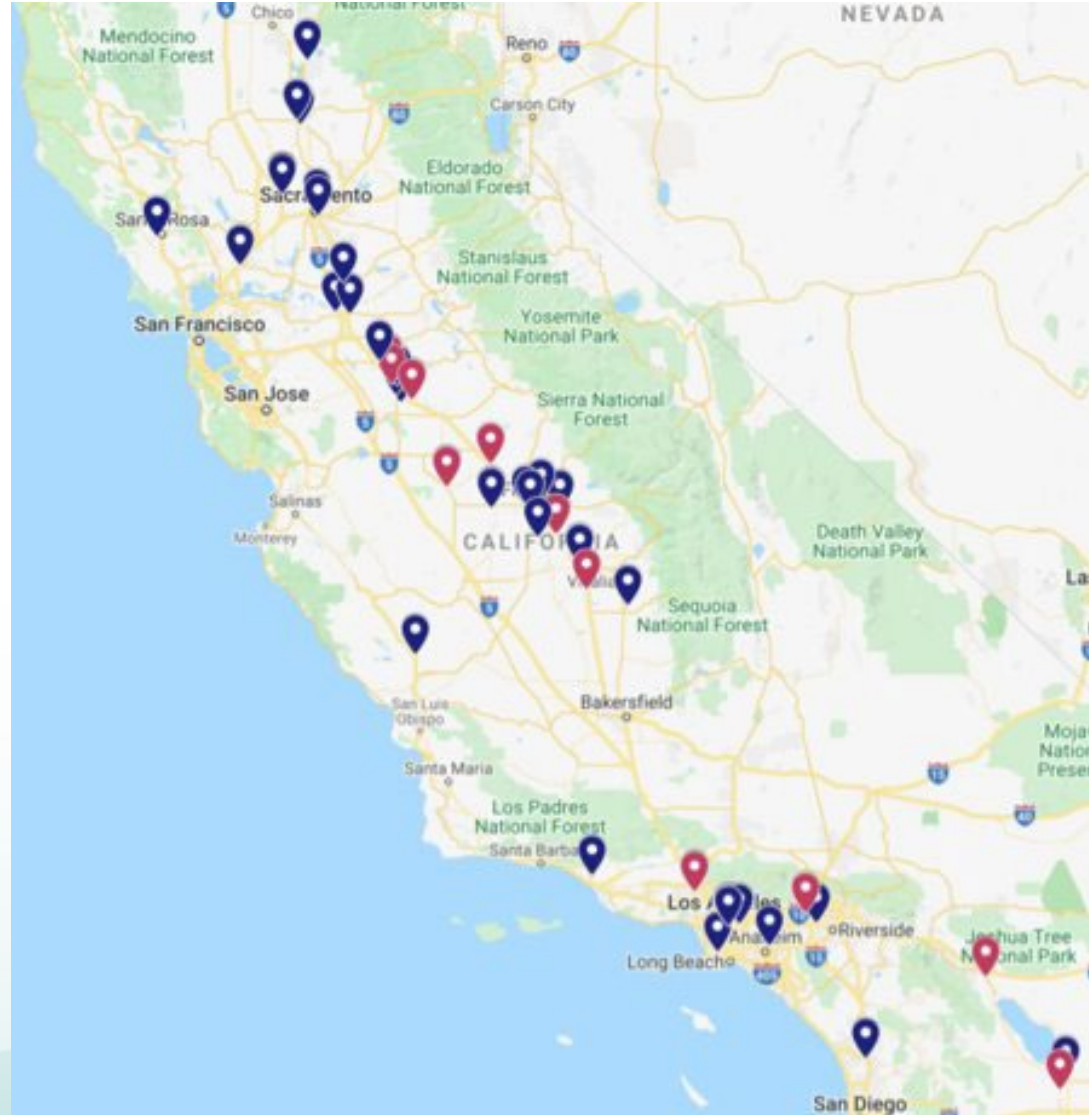
*Preliminary staff estimate – actual results will be quantified during project measurement & verification.

FPIP Project Locations

54 Unique Project Sites



46 project sites (**85%**) are benefiting a disadvantaged and/or low-income community.





GFO-22-303



Purpose: fund drop-in technologies at food production facilities with the goal of reducing greenhouse gas (GHG) emissions.

\$10.1M of funding available

35% match funding requirement

8 projects recommended for awards





Electrifying Coffee Roasting

America's Best Beverage, Inc.
(Heirloom Coffee Roasters)

Red Bay Coffee Company, Inc.
(Red Bay Coffee Roasters)

\$1,236,940

FPIP Project Funds

\$642,850

16

Electric Coffee Roasters

8

560

GHG Reductions (MTCO2e/yr)

340



Coffee roasting at the Heirloom Coffee Roasters' Oakland facility.
Source: *Heirloom Coffee Roaster*



Bellwether's fully ventless electric coffee roaster.
Source: *Bellwether Coffee Roaster*



Coffee roasting at the Red Bay Coffee Roasters' Oakland facility.
Source: *Red Bay Coffee Roasters*



Steam Condensate Recovery System



Process heating system at Woodland's tomato processing facility.
Source: *Pacific Coast Producers*

Pacific Coast Producers

\$890,500 FPIP Project Funds

~2,400 GHG Reductions (MTCO₂e/yr)

~450,000: Natural Gas Reductions (therms/yr)



System Optimization and Refrigeration System Conversion

E&J Gallo Wineries

\$500,000 FPIP Project Funds

~400lbs+ High GWP R-22 Refrigerant Leakage Removed

~350,000 Energy Savings (kWh/yr)



Outdated Baltimore air coil condenser at the Fresno's winery.
Source: E&J Gallo Wineries



Staff Recommendation

- Approve the four 2023 FPIP project grants.
- Adopt staff's findings that these projects are exempt from CEQA.

