



# **Item 9: DC Energy Services LLC dba Imperion**

*June 22, 2026 Business Meeting*

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# Solicitation Overview

## **GFO-23-313, Round 3 - Deployment of Decarbonization Technologies and Strategies for California Industrial Facilities (INDIGO Program)**

**Goal:** Deploy advanced decarbonization and grid support technologies at California industrial facilities to drive electrification and reduce greenhouse gas emissions. Projects should demonstrate cost-effective, scalable solutions with strong potential for broader adoption across the industrial sector.

### **Round 3 Funding:**

- 2 Projects
- \$10M with \$14.5M in private match funding



# Benefits to Californians

1. Improving public health and environmental outcomes, with a focus on benefits to priority populations
2. Enhancing the electric grid, particularly during net peak periods
3. Demonstrating the reliability and effectiveness of advanced technologies and strategies for electrification, grid support, and decarbonization

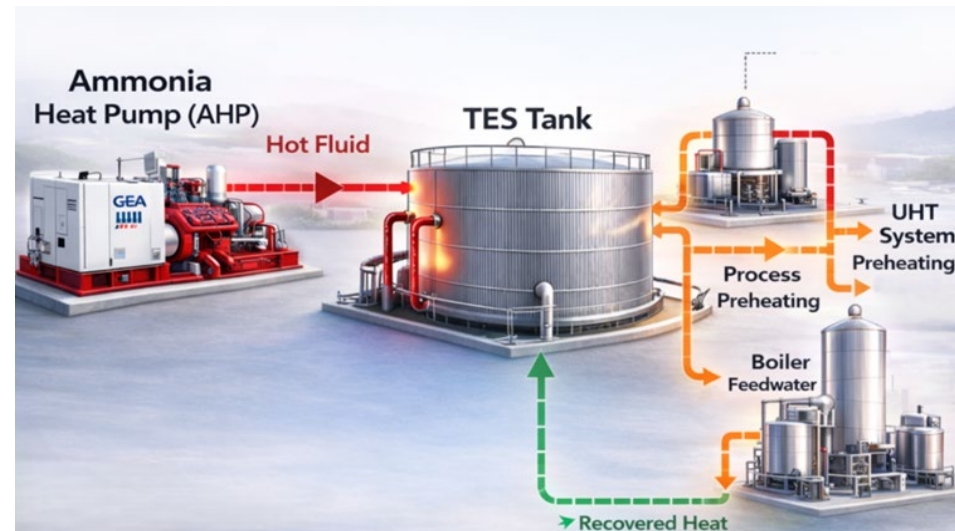


Source: CEC



# Item 9a: DC Energy Services LLC dba Imperion

- **Location:** City of Industry (Los Angeles)
- **Project Focus:**
  - Replace fossil gas-fired boilers with ammonia heat pump, waste heat recovery, and thermal energy storage to electrify process heat.
  - Capture heat from existing pasteurization and refrigeration processes to supply hot water/steam for food production operations.
- **Anticipated Impacts:**
  - ~ 939,000 therms displaced per year
  - ~ 5,000 MTCO<sub>2</sub>e GHG reduction (20% of site total)
  - ~ 179 kW of new peak demand avoided
  - ~ 260,000 lbs of air pollutants cut per year (NO<sub>x</sub>, smog-forming gases, and fine particles)

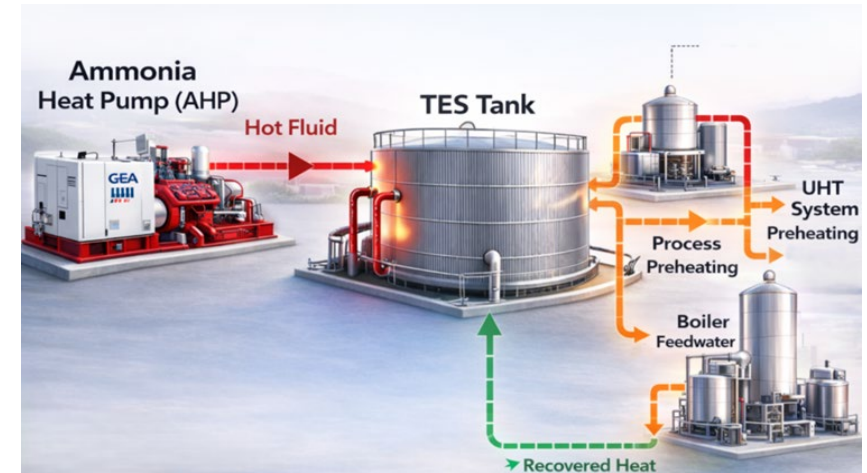


Source: Imperion



# Market Potential

- Replicable model for industrial heat electrification at food, beverage, and manufacturing facilities, proving:
  - Technical performance
  - Operational reliability
  - Grid compatibility under real-world conditions
- If deployed at 200 comparable California dairy and beverage facilities, similar systems could:
  - Displace ~188 million therms of fossil gas per year
  - Avoid up to ~1,000,000 MTCO<sub>2</sub>e annually statewide



Source: Imperion



# Staff Recommendation

- Approve the grant agreement
- Adopt staff's determination that this action is exempt from CEQA