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Item 15: StratosFuel, Inc.

January 25, 2023 Business Meeting

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Benefits to Californians

- Increase in-state production of 100% renewable hydrogen
- Improve reliability of hydrogen fuel supply
- Reduce 24,000 tons of CO₂e annually
- Move towards zero carbon hydrogen future



Overview





Future Demand

Current Estimates:

- Fuel Cell Electric Vehicles (FCEV) on the road: 12,100
- Hydrogen demand: 8,500 kgs/day

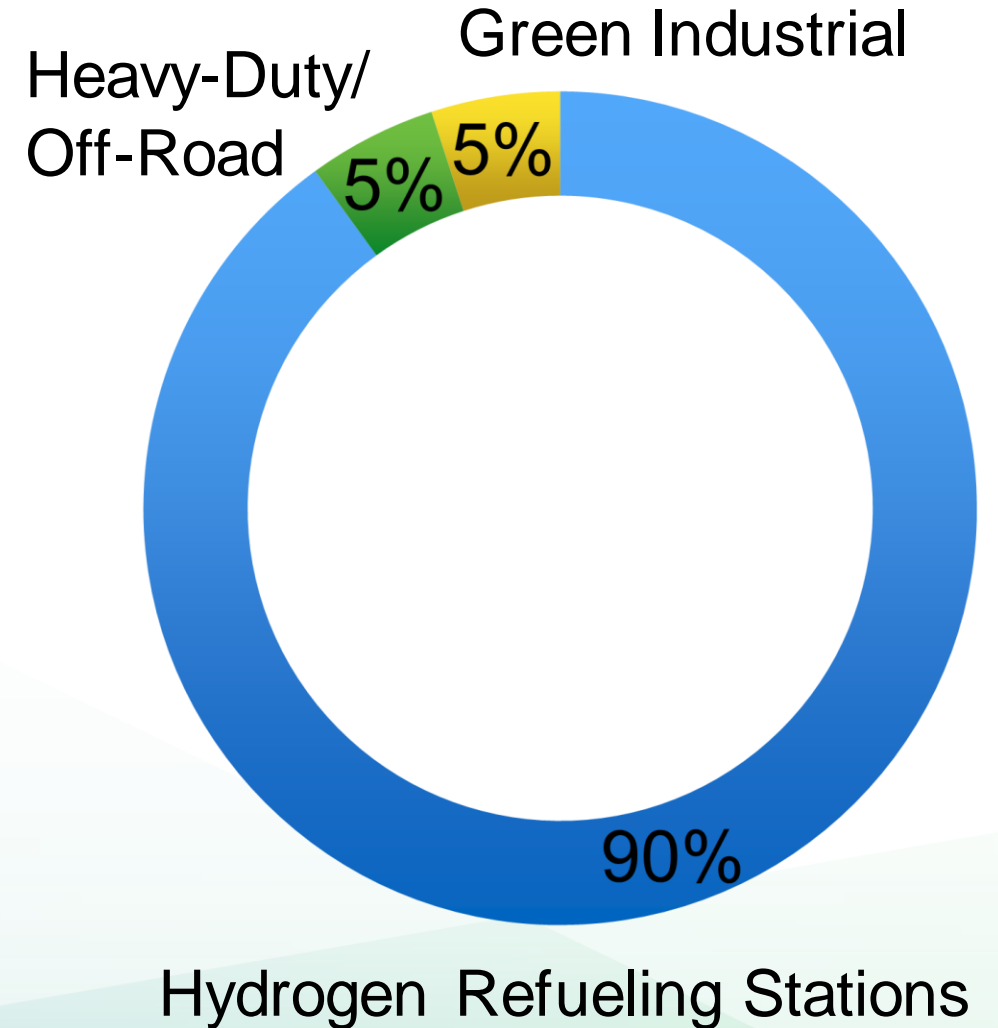
Future Estimates:

- 2025 FCEV population: 34,500
- 2025 Hydrogen demand: 24,150 kgs/day



Customer & Market Demographics

- Hydrogen refueling stations (90%)
- Heavy-duty on-road vehicles
- Off-road vehicles, such as material handling, maritime, and trains
- Green industrial customers





Staff Recommendation

Adopt

- Staff determination on CEQA findings

Approve

- Grant agreement with StratosFuel, Inc.