



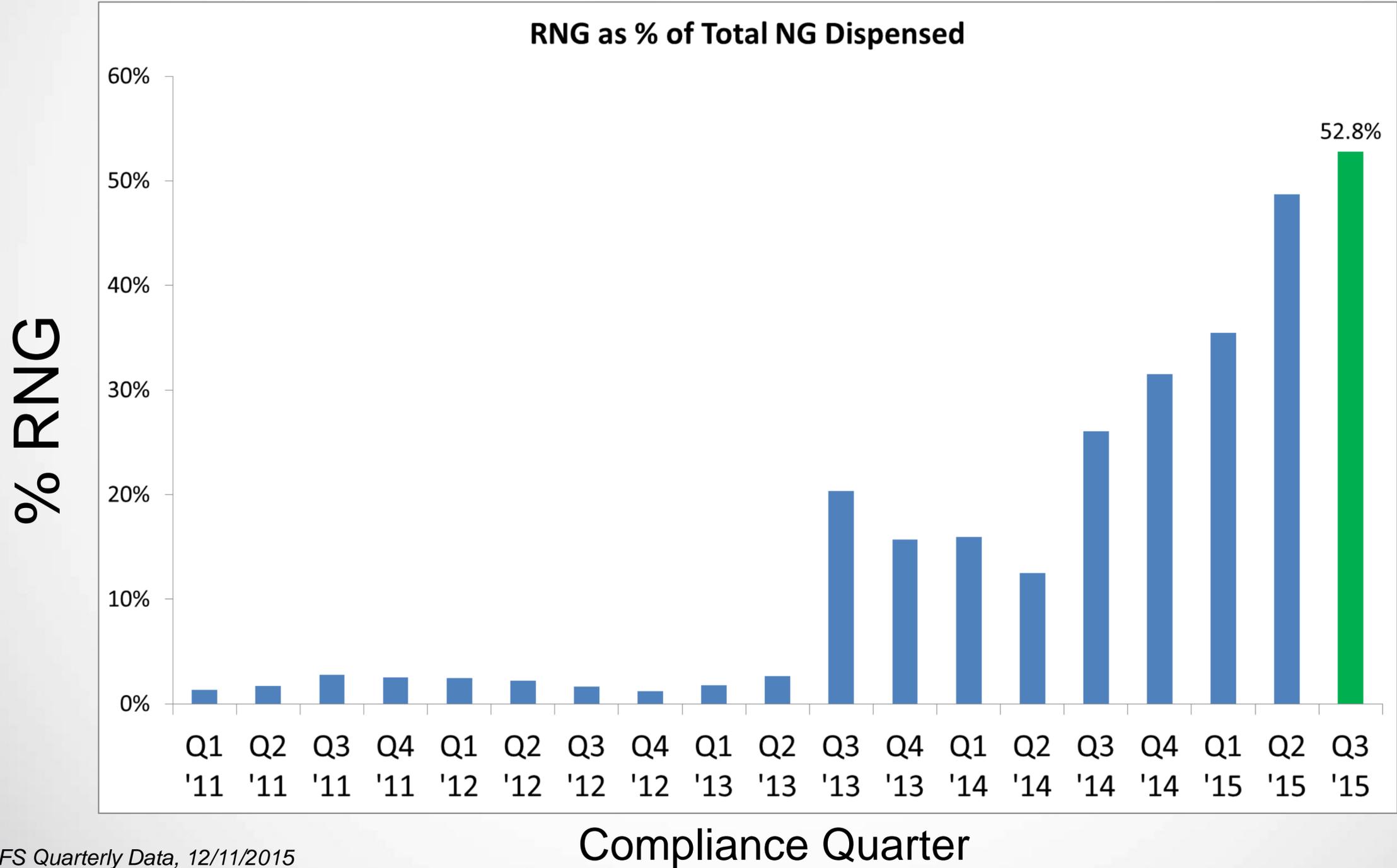
Clean Energy[®]

Emerging HD NGV Engines and Increased Production of RNG Are Crucial to Cutting GHG Emissions from Heavy Duty Fleets, including Public Transit Fleets

- Increasingly clear that critical HDV sectors have no immediate timeline for commercial BEVs or FCVs
- Next-generation NGVs + RNG can play major role in future transportation energy / fuel mix, but continued policy support required
- Industry needs: Predictable forward looking VETC, NGV tank/engine technology funding and RFS2/LCFS stability



RNG Growth is Significant: Over Half of Natural Gas Vehicle Fuel in CA is RNG



Q3 2015:
17.6 MM DGEs
of RNG

Source: CARB Website LCFS Quarterly Data, 12/11/2015



ARB Says Low-NOx Most Feasible to Solve

“Based on ARB Staff’s technology assessment, the most viable approach to meeting the 2031 and 2030 goals is low-NOx trucks” powered by a minimum of a 55% renewable fuel blend.

“...approximately 400K internal combustion trucks with NOx emissions 90 percent cleaner than today’s standards” are needed

“ARB will develop a low-NOx standard in California, and petition U.S. EPA to establish new federal emission standards for heavy-duty engines.



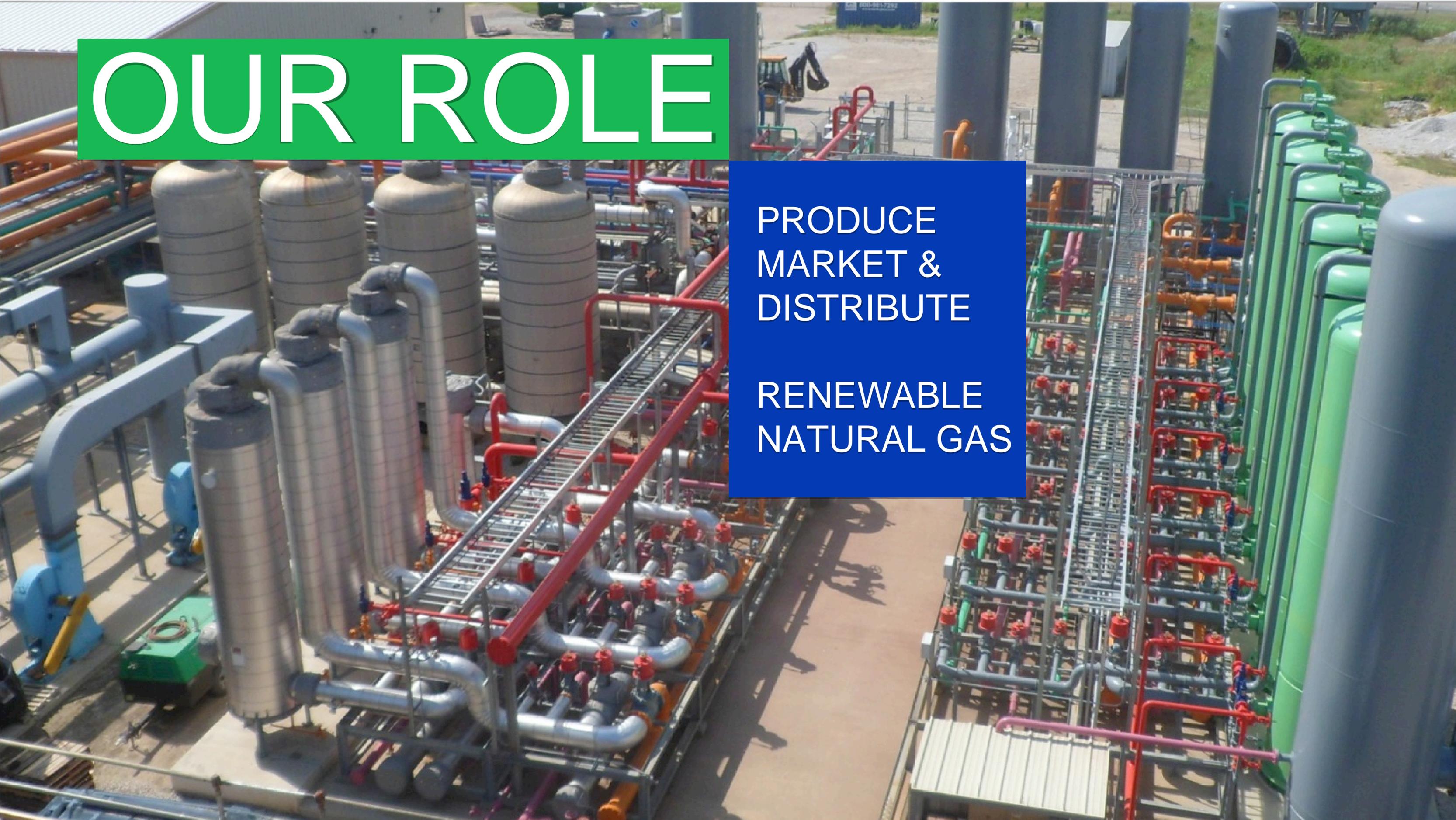
INCENTIVE AND POLICY INITIATIVES

EXCEE **2030**
D STANDARDS

IN
2020

- Advanced Clean Transit Initiatives
- Mobile Source Strategy
- Greenhouse Gas Reduction Funds
- AB32
- Low Carbon Fuel Standard
- 2030 Petroleum Reduction

OUR ROLE



PRODUCE
MARKET &
DISTRIBUTE

RENEWABLE
NATURAL GAS

ANAEROBIC DIGESTION FACILITY



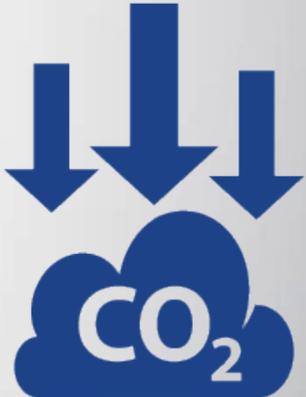
South San Francisco Scavengers Anaerobic Digestion Facility



350K
GALLONS



4,309
METRIC TONS
CO₂e REDUCTION



Direct fueling of 25+ Refuse CNG Vehicles, up to 500 DGEs/day

2015: The Year In Redeem

GHG EMISSIONS

REDUCTIONS

331,244 MT

GALLONS

DELIVERED

50 Million



BIOMETHANE

SUPPLY SOURCES

12



NATURAL GAS ENGINES + REDEEM



Ultra-low NOx HD natural gas vehicle (NGV) technology w/
redeem[™] renewable natural gas (RNG)
provides an unparalleled opportunity to achieve immediate, large-
scale progress across a wide range of policy goals.

