

About RNG Coalition

Provide education and policy advocacy on behalf of renewable gas and and adjacent industries in North America

We advocate for the sustainable development, deployment and utilization of renewable gas so that present and future generations will have access to domestic, renewable, clean fuel and energy

400+ members including: RNG developers, marketers, financiers, technology providers, consultants, utilities and labor coming together

98%+ of the RNG supply in North America

\*\*RNG Captures Methane from Organic Waste and Puts it to Productive Use

\*\*Collect. Capture.\*\*

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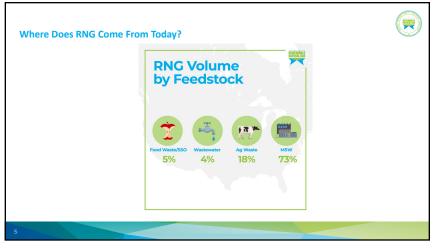
Clean. Consume.\*\*

\*\*Provided From Productive Market Survive Surv

RNG Facilities
Operational: 311
Under Construction: 176
Planned: 313
Total: 800

4

3



Inflation Reduction Act Created New RNG Incentives

Contains beneficial tax policies advocated for by RNG Coalition:

Section 48 ITC needs to properly include all biogas property, cleaning and conditioning equipment

45V hydrogen tax credit to allow for the use of RNG and other biologically-derived feedstocks

Extension of alternative fuel tax credit

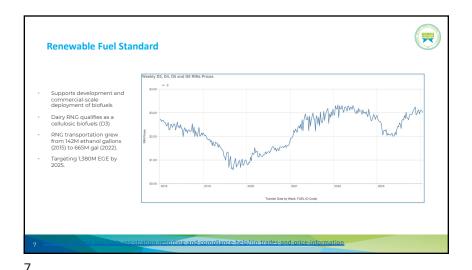
Applicable to all transportation-quality fuels

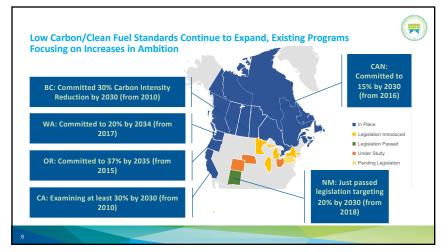
45Z Clean Fuel Production Credit (CFPC), provides a tax credit for fuels relative to how low their carbon intensity (CI) score is against a baseline level

45Q carbon oxide sequestration credit

Important for carbon negative RNG and hydrogen pathways

5





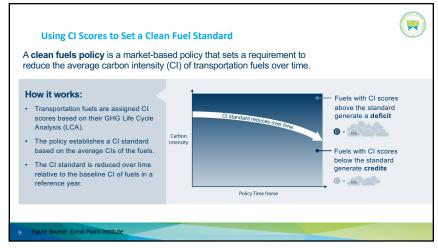
Legislation Introduced Legislation Passed Under Study Pending Legislation

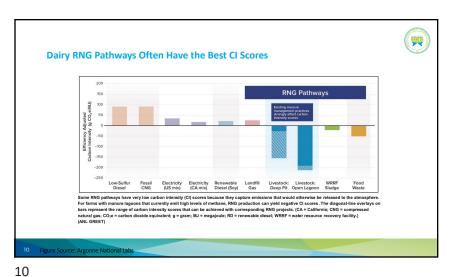
In Place

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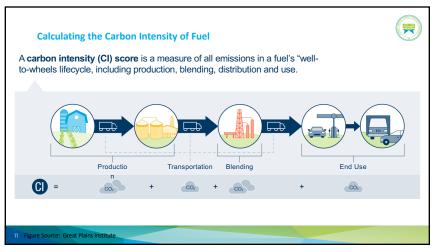
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9



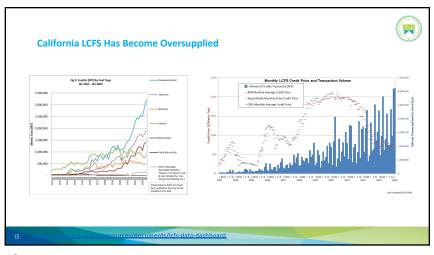
Growth in Ag Digesters due to California LCFS is Clear from US EPA AgStar Data

AgSTAR estimates that biogas recovery systems are technically feasible for over 8,000 large US dairy and hog operations

Adding avoided methane crediting to dairy RNC pathways in the CA LCFS helped drive growth from 244 operational projects in 2018 to 343 operational projects in the United States as of January 2023

Post-2018 projects account for ~2 million metric tons CO2e per year

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DESTANDALI METINALI DES California Air Resources Board Plans to Increase Program Stringency Carbon Intensity Target Alternatives CARB has workshopped 25%, 30%, and 35% 2030 LCFS program targets A 25% 39% 60% Clean fuel voices helped fund work by B 30% 45% 65% the consulting firm ICF demonstrating -40% C 35% 51% 69% that higher ambition (41-44% for 2030) is -60% possible -Alternative A -80% If incentives for RNG (and other low -Alternative C carbon fuels) are properly optimized, we recommend 2024 2026 2028 2030 2040 2042 2044 >25% target in 2025 · 30-44% target in 2030

13

14

## Other RNG Topics Under Debate in California - Avoided Methane Crediting

- Avoided methane crediting makes agricultural RNG projects possible, incentivizes maximum greenhouse gas capture during RNG production
- · Critical to continue to cover operating costs of RNG facilities:
  - In early 2000s, California built digesters funded by California Energy Commission Dairy Power Production Program
  - Many shut down within 5 years due to insufficient revenue to cover operating costs. Total install base was flat for a decade.
  - Some farms returned to venting methane.
  - Since the year CARB published the first LCFS avoided methane dairy digester pathway, no California dairy digesters have shut down

RNG Coalition Position: A fixed-year phase-out of avoided methane crediting—as included in the Proposed CARB LCFS Rule—is simply not smart policy Other RNG Topics Under Debate in California - Deliverability of RNG



- · CARB considering limits on where RNG can be sourced from
- California currently imports ~90% of fossil gas
- CARB needs to remain open to displacing these fossil imports with imported RNG, even as instate supply scales.
- RNG opponents desire to create administrative complexities to artificially increase costs or impose barriers to RNG use. CARB should not be swayed by such arguments.
- The proposed rule disincentivizes out-of-state RNC development, distracts from the legitimacy of RNC's environmental benefits, and turn a key advantage of RNG (it's compatibility with the existing gas system) into a perceived weakness.

RNG Coalition Position: Diminishing LCFS RNG incentives or changing geographic eligibility for RNG slows clean fuel progress and delays needed methane emission cuts

15

## Broad Concluding Considerations Circular Economy – Recycling waste resources (e.g., manure) to create a circular economy. Sustainability – Can RNG production facilities help facilitate broader opportunities at dairies? Carbon Neutrality/Negativity – West coast moving toward full carbon neutrality. Naximizing methane reductions. Maximizing methane reductions. Sustainability – Can RNG production facilities help facilitate broader opportunities at dairies? Maximizing methane reductions. Use of carbon capture and storage? Mest coast programs continue to evolve. Increased ambition of clean fuel programs is likely. Wrestling with changes to proven purchasing practices for RNG/renewable energy. Cross-sectoral programs still have vocal opponents

