U.S. SAF production forecast Announced intentions, neat*

Est. Year-end Production (Mgpy) 🗱 gevo Luverne/Silsbee Fulcrum Sierra 7

NESTE HDRD Frac 8+?

Paramount+ 7

world energy

~20 M

Lakeview

Lanza et Freedom Pines 10 gevo Net Zero-1 SD 55

PHILLIPS Rodeo 290

AEMETIS Carbon Zero #1 Riverbank 22

world energy Paramount B 250



Bon Wier, TX 26



AEMETIS Carbon Zero Riverbank+ 22

Lanza et Hennepin 120

world energy Houston 250





Natchez, MS 25



NW #1 30

Unannounced or In-development efforts:

- 60+ additional new-entrants collaborating with CAAFI
- Outlined expansion goals of: LanzaJet, Gevo, Alder, Fulcrum, ...
- Refinery co-processing / conversion
- Renewable Diesel switching pending BTC evaluation

~403 M ~710 M ~1,133 M

~1,188 M

By YE '22

2023

~36 M

2024

2025

2026

2027

Not comprehensive; CAAFI estimates (based on technology used & public reports) where production slates are not specified. Does not include various small batches produced for testing technology and markets.

Does not include fractions of substantial Renewable Diesel capacity (existing and in-development) that can be shunted to SAF based on policy support

