



Rodeo Renewable Energy Complex

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Phillips 66 Refineries and Renewables Facilities

Bayway Refinery

Billings Refinery

Borger Refinery

Ferndale Refinery

Lake Charles Refinery (Excel)

Los Angeles Refinery (Idled)

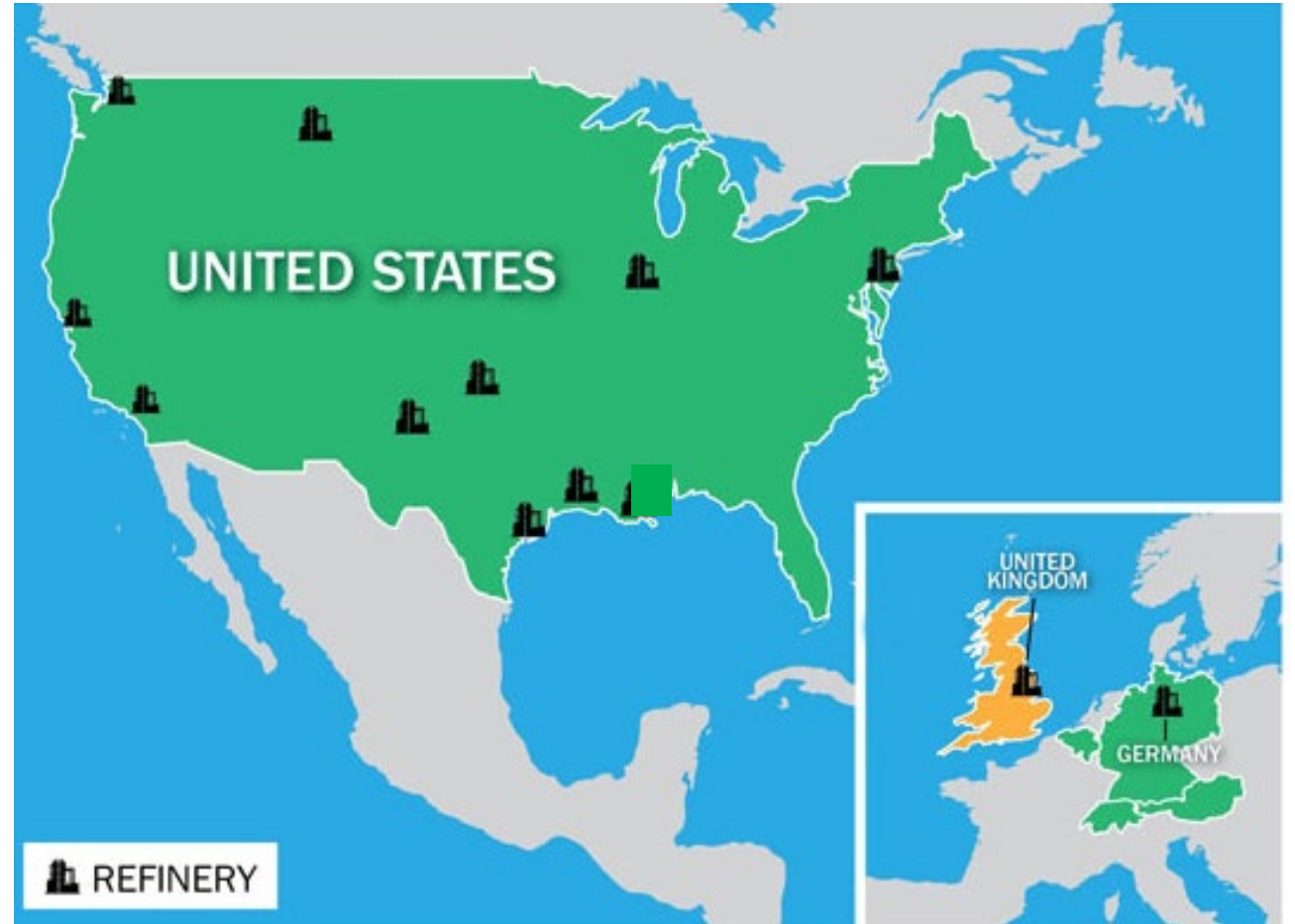
Ponca City Refinery

Rodeo Renewable Energy Complex

Sweeny Refinery

Wood River Refinery

Humber Refinery (MiRo)





Providing Energy. Improving Lives.

We help make the products that improve lives and make modern life possible

Transportation Fuels

trucks, ships, planes



Roads

asphalt, paint



Agriculture

fertilizers, insecticides,
irrigation pipe



Housing

roofing, carpet,
insulation



Electric Vehicles

batteries, rubber tires,
body parts



Food

food packaging,
refrigerants



Personal Care/Clothing

sunscreen, hand soaps,
bodywashes, cosmetics



Recreation

ATVs, bicycles,
ice chests



Medical Equipment

respirators, surgical instruments,
stethoscopes, hearing aids



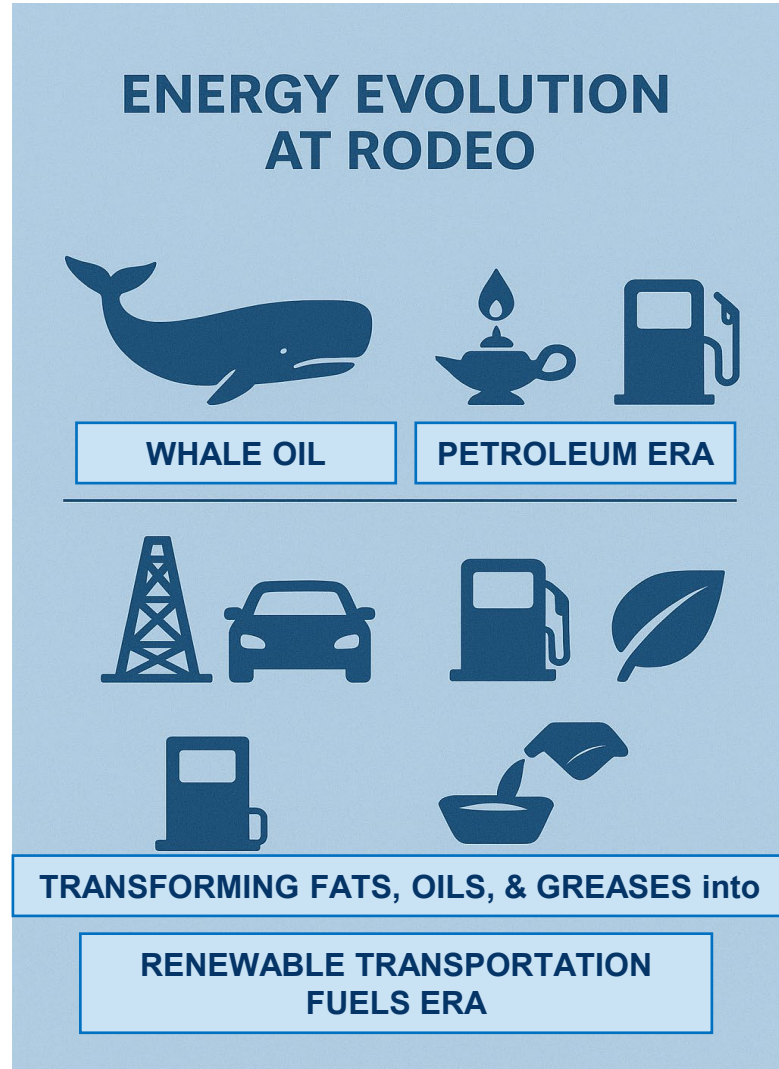
Technology

computers, TVs,
mobile phones





Rodeo's Energy Evolution began in 1896



Origins with Whale Oil

Rodeo's energy journey began with whale oil used for lighting, reflecting early technology and resource reliance.

Petroleum Fuels Era

Petroleum replaced whale oil, bringing kerosene, gasoline, and diesel as key fuels for everyday applications.

Shift to Sustainable Energy

Rodeo's recent transition to renewable diesel and sustainable aviation fuel demonstrates commitment to cleaner energy solutions.



Phillips 66 Rodeo Renewable Energy Complex

- Proudly operating in the Bay Area for 130 years
- Total workforce: ~385 employees, ~225 contractors
- Conversion preserved family wage careers while redefining the facility and creating a sustainable resource in the CA energy market





Rodeo Renewable Energy Complex

- 800 million gallons per year or ~52,000 barrels per day at full run rates.
 - Renewable Diesel and Sustainable Aviation Fuel (SAF)
 - Feedstock includes used cooking oil, vegetable oils, and fats (no Palm Oil)
 - Renewable hydrogen production from facility gas production





Rodeo Renewable Energy Complex Conversion Benefits

REDUCED LOCAL AIR EMISSIONS

Sulfur Oxides - SO_x – 80% reduction

Particulate Matter - PM_{10} – 20% reduction

Nitrogen Oxides - NO_x - 33% reduction

REDUCED WATER USAGE

- 300 gallons per minute or 160 million gallons per year

PROJECT CONSTRUCTION JOBS

- Project employed ~900 people for Pre Treatment Unit and associated scope, utilizing local union labor
- Turnaround activities peak ~1,500 people, utilizing local union labor
- ~6 million total hours of construction

CONTINUATION OF JOBS

Facility employs approximately 600 renewable energy jobs

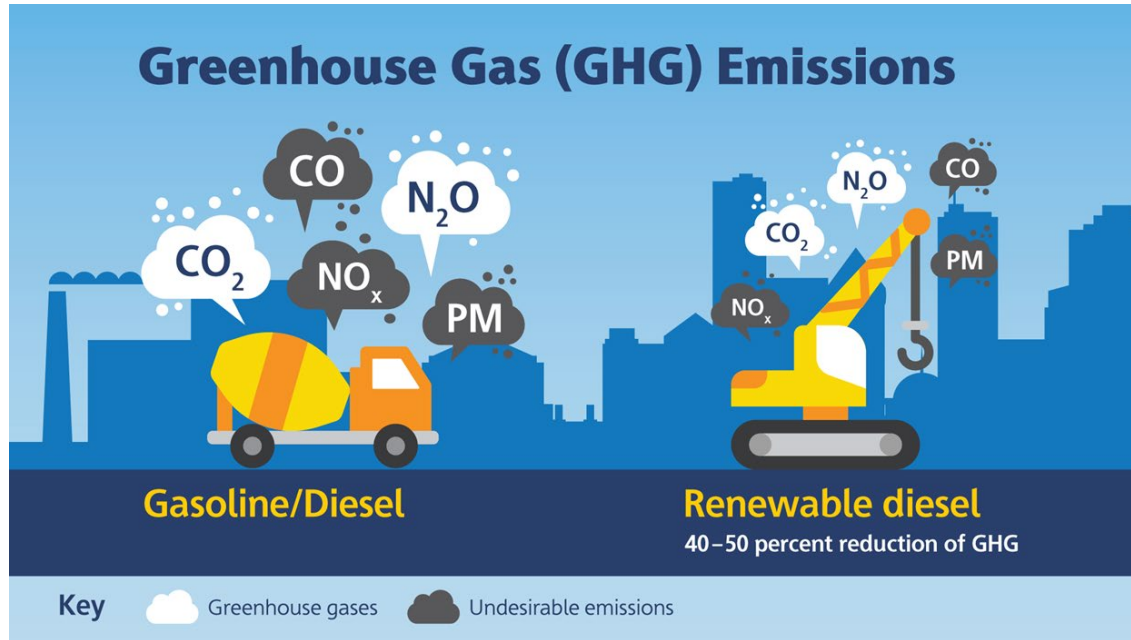
Continuing to provide high-paying family-wage jobs with healthcare benefits



Renewable Fuel Benefits

Renewable Diesel Benefits

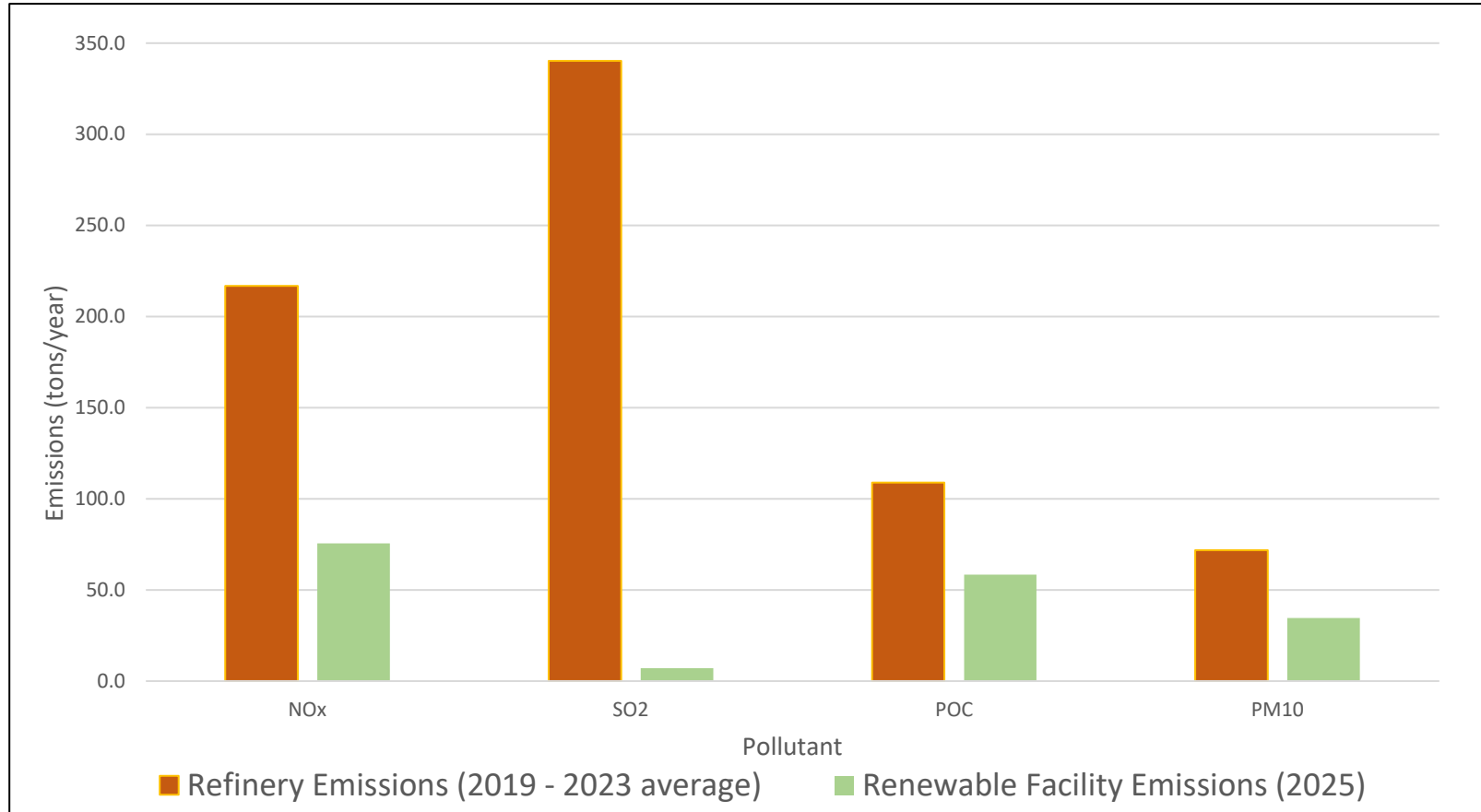
Emissions	R99 Fuel
NO _x	-10%
Diesel PM	-30%





Criteria Pollutant Emissions

Petroleum Refinery Emissions averaged for 2019 – 2023, Renewable Facility Emissions for 2025.



	Refinery Emissions (tpy, 2019-2023 avg)	Renewable Facility Operation (tpy, 2025)	Percent Reduction
NOx	217	76	-65%
SO2	340	7	-98%
POC	109	58	-46%
PM10	72	35	-52%



Process of Making Renewable Transportation Fuels



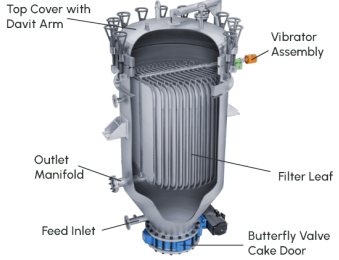
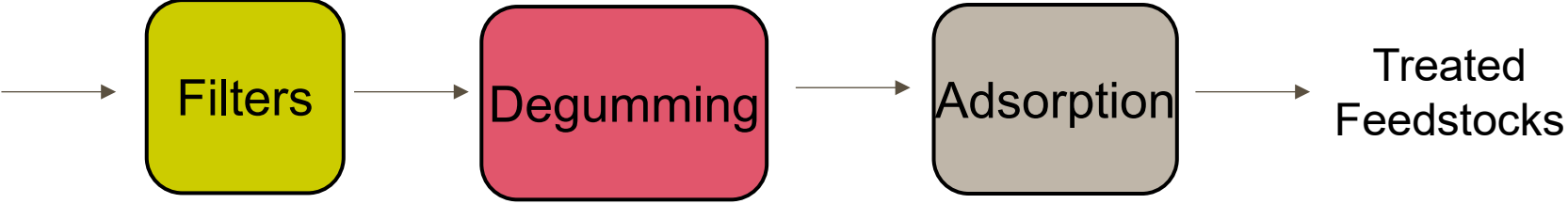
Renewable Feedstock Pretreatment



DCO – Distillers Corn Oil CWG – White Grease (Pig fat)
 CO – Used Cooking Oil YG – Yellow Grease (recycled UCO)
 TT – Tech Tallow (clean) PF – Poultry Fat
 BFT – Beef Tallow SBO – Soy Bean Oil



Untreated
Renewable
Feedstocks





SAF: Aviation's Immediate Solution

Significant Emissions Reduction

SAF can reduce lifecycle greenhouse gas emissions by up to 80%, making a major impact on aviation's carbon footprint.

Practical Decarbonization Solution

SAF represents the only rapid and practical lever for aviation's decarbonization to address urgent climate challenges.



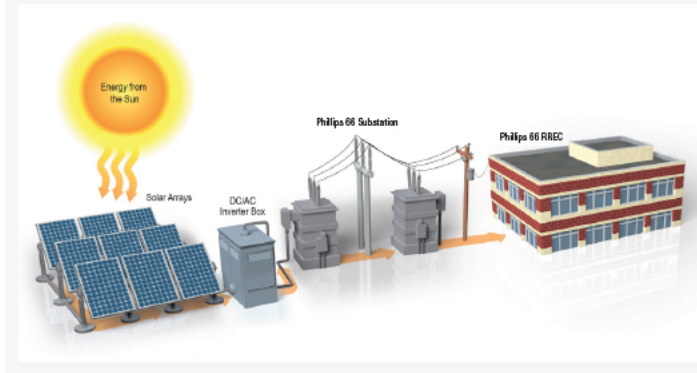


Solar Facility



How the Phillips 66 Solar Facility Works

As sunlight hits the solar panels, the photovoltaic energy is converted into direct current electricity (DC). The direct current flows from the panels through inverters and is converted into alternating current (AC). Finally, the electricity travels through transformers, and the voltage is boosted for delivery onto the Phillips 66 substation.



- 88 acres of Phillips 66-owned land
- The 30.2-megawatt (MW) facility is capable of generating enough electricity to reduce grid power purchases by 50%
- In service April 2025, producing clean, renewable energy
- Owned and operated by a subsidiary of NextEra Energy Resources, LLC



Economic & Community Benefits

SOCIAL IMPACT AT A GLANCE

Community Investments by Focus Area

Data based on 2024 funding.

- Education Equity | 27%
- Safety & Well-Being | 22%
- Environment | 14%
- Social Advancement | 21%



\$761K+
LOCAL FUNDING

125+
LOCAL ORGANIZATIONS SUPPORTED



SINCE 2008
RAISED
\$2,750,000
supporting vocational education



SINCE 2008
RAISED
\$600,000
supporting veteran services
Walk of Honor for our Veterans



Creating stronger local partnerships,
and a shared path to success





Questions?

