

# Resource Development Council of Alaska



## Marathon Petroleum Kenai Refinery

Critical Infrastructure for Alaska Since 1969

# Energy Matters to Alaska : Mission Moment



- Alaska Resource Education Energy Camp: Refinery, CISPRI, AVTEC, HEA and more..
- Bristol Bay, Southwest and other Western Alaska school Districts





# Energy Matters to Alaska : Kenai Refinery Delivers



## Corporation Overview





# Operations from Coast to Coast: Refining



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## Quick Facts

- 13 Refineries
- \*2 Renewables
- 12 States
- ~ 3 MMBPD

## Alaska V L48

- Safe
- Reliable!
- Competitive?

## *Providing Energy Solutions*

*At Marathon Petroleum Corporation, we're in the business of enhancing life's possibilities.*



# How do we conduct our business?



## Tenets of Safe Operation

- Safety Is a CORE VALUE
- We do it safely, or not at all.
- We always make time to do it right.
- We operate at the pleasure of the community.

## Stop Work Obligation

- You have the ***moral obligation***, the authority, and the full support of senior leadership to stop any work you observe and believe to be unsafe.



# Safety and Operational Excellence in Kenai



## Safety & Environmental Excellence:

- **ZERO** recordable injuries in 2024
- **ZERO** PSM Tier 1 incidents and zero APDES exceedances

## Operational Highlights:

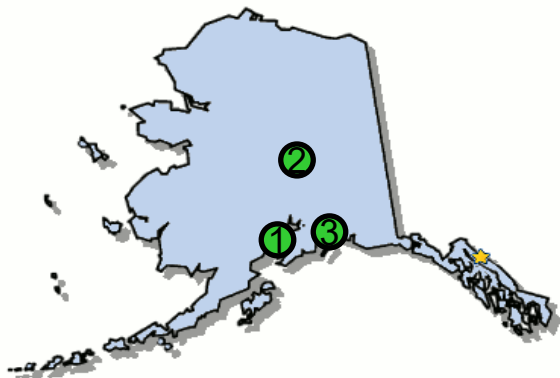
- **HIGHEST** mechanical availability (99.8%) and lowest LCIP (0.02%) in the MPCailab system.
- 87.5%, crude utilization. +10.5% improvement over the past two years.

## AWARDS

- 2024 AFPM Elite Silver Safety Award for 2023
- **2025 AFPM Distinguished Safety Award Nominee**

## Refining in Alaska

# Refining Across Alaska



## 1. Marathon Kenai



- 72,000 barrel/day refinery
- Primary products include gasoline, jet fuel, ULSD, diesel fuel, heavy fuel oils, propane and asphalt
- 300 Alaskans employed

## 2. Petro Star North Pole



- 22,000 barrel/day crude distillation unit
- Primary products include commercial and military spec jet fuels, home heating oil, low-sulfur diesel, asphalt oil and turbine fuel

## 3. Petro Star Valdez



- 60,000 barrel/day crude distillation unit
- 12,000 barrel/day distillate hydrotreater and associated process units (Clean Fuels Unit)
- Primary products are commercial & military spec jet fuels and ULSD (JP-5 for USCG Kodiak)



# Kenai Peninsula Assets





# Kenai Refinery: Serving Alaska for 55 + Years



Plant startup Nov 15, 1969. Mark Necessary,  
Glenn Jackson, John Tagliarino



# Employing Alaskans, Supporting our Communities



## EMPLOYING KENAI AND BEYOND

MPC is home to hundreds of local Alaskans and remains one of the largest taxpayers on the Kenai Peninsula.

**~257**  
total employees  
in Kenai

**~\$40.5  
million**  
in total wages\*  
\*2021 wage data

**~100**  
additional MPLX and  
imbedded contractors



**\$365,000+ Invested**  
in local/statewide charitable programs with focus on workforce  
development, sustainability and thriving communities

**\$45,000+**  
employee donations and  
hundreds of volunteer hours

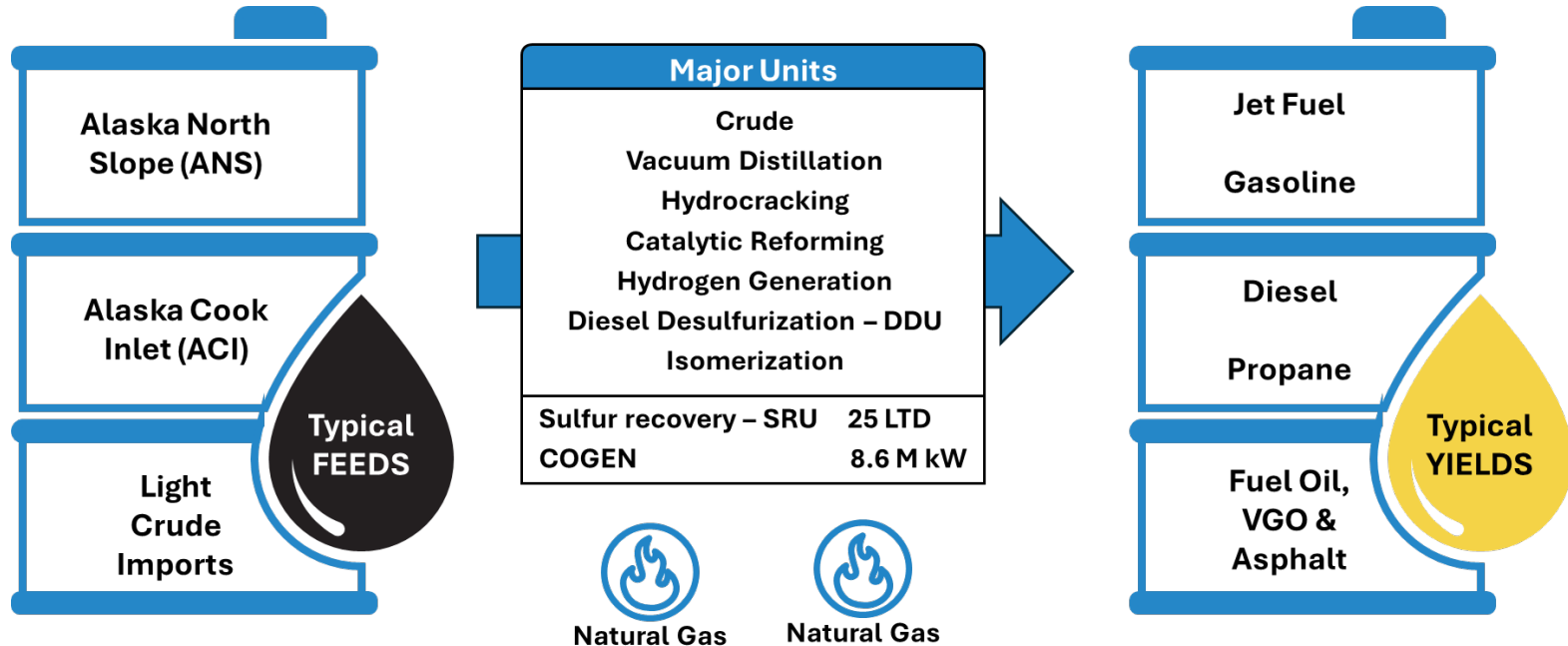
## Refining and Logisitcs

# Refueling America:



## Refining Overview

# Using Alaska Crude to Create Fuel that Moves AK





# ANS Royalty In Kind (RIK): Added Value for AK



Since 2022 Existing 3-year Contract with SOA

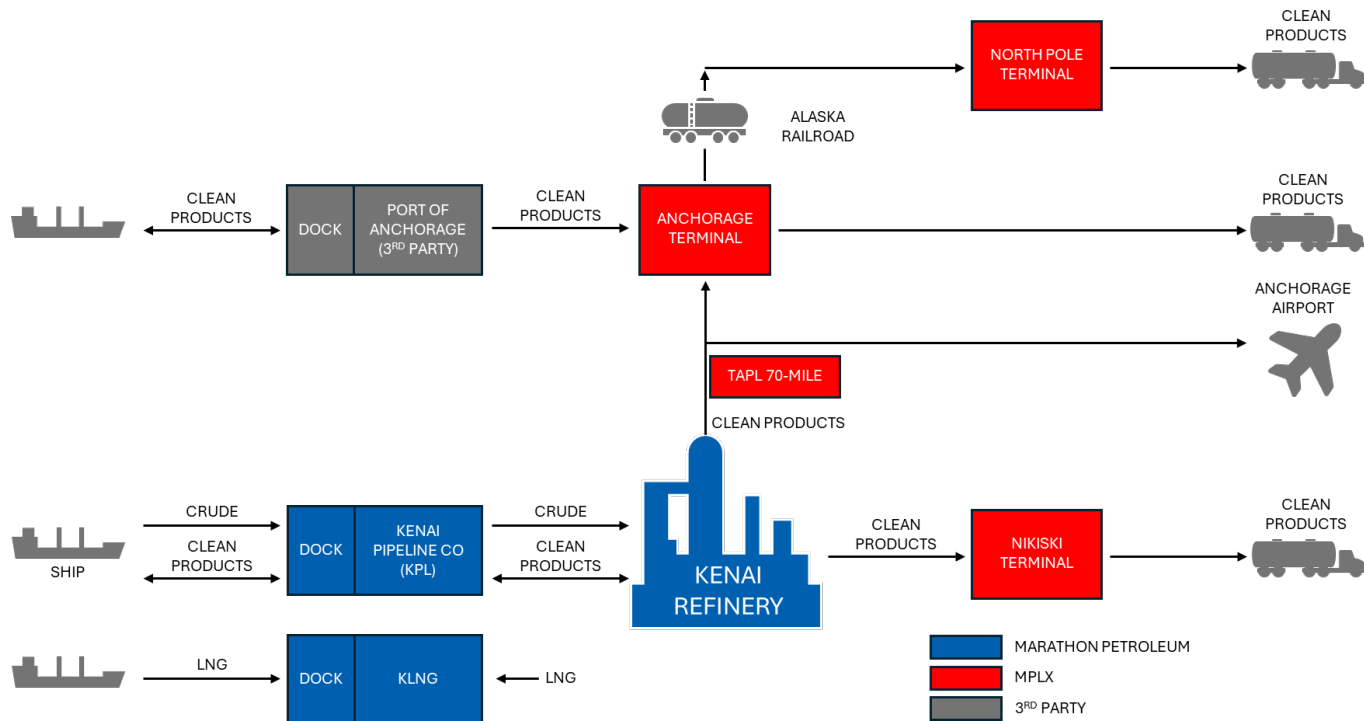
- ~ 11,131,263 barrels
- Significant additional value to Alaska

2025 Contract update

- Current contract expires mid 2025
- NEW 3-year contract / Completed
- NEW best interest finding / Almost complete
- NEW bill for legislative approval / Coming Soon



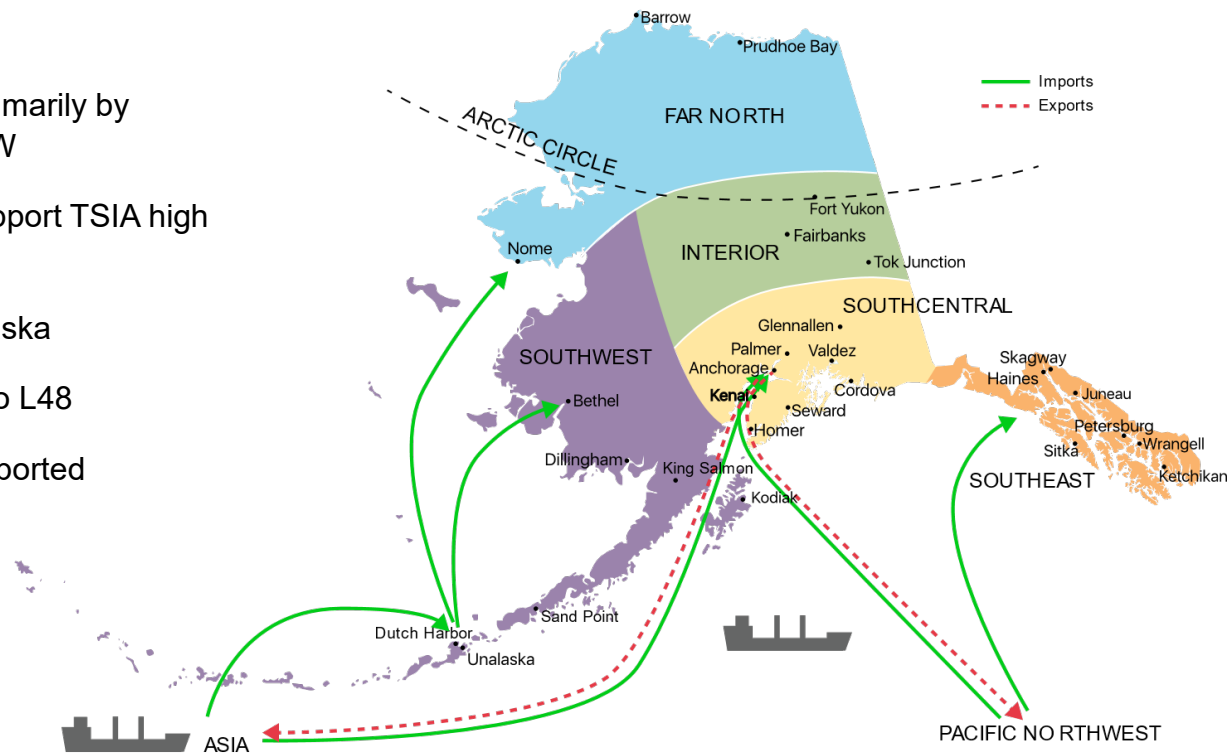
# Integrated Logistics Assets Supply Alaska



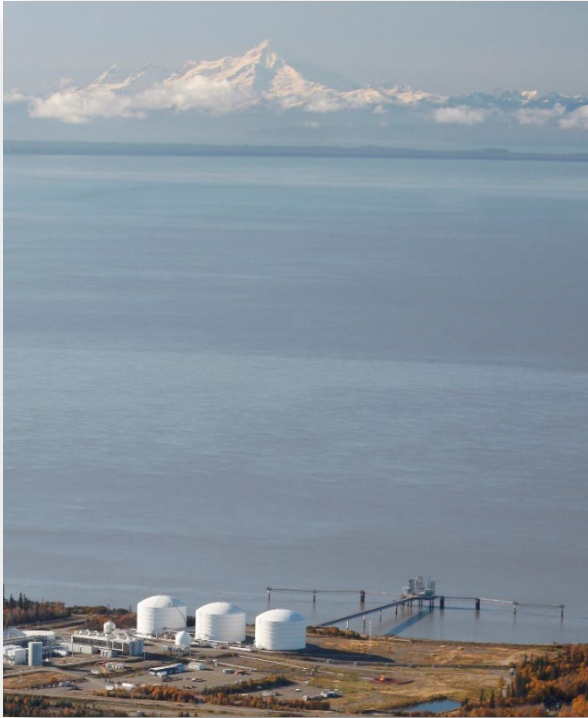
# Crude / Fuels always moving to/from/around Alaska



- SW and SE Alaska are supported primarily by imported fuel from Far East and PNW
- Jet A is sourced from Far East to support TSIA high demand
- Asphalt and gasoline imported to Alaska
- Gasoline and heavy fuels exported to L48
- Domestic and International crude imported



# Kenai LNG Terminal Project



## **Ideal near-term solution for LNG Imports**

- Sales agreement with Harvest Alaska to purchase KLNG to support LNG imports
- Fastest solution to fill the natural gas shortage for utilities and refinery
- Existing and maintained to Federal and State regulations including LNG Storage, LNG Dock all connected to the local distribution system.
- Engineering and project evaluation underway
- Believe its complimentary to ongoing Alaska LNG evaluation

# Final Thoughts



- Alaskans producing quality fuel products for Alaska for more than 55 years
- Critical infrastructure supporting the Alaskan economy
- Providing community and economic impact to KPB / AK
- Preparing for another 50 years

## **What refinery needs to be successful:**

- Reliable and affordable natural gas and energy
- Additional sources of CI crude
- Trained and available workforce
- Public policy that keeps Alaska competitive







On behalf of our All-Alaska workforce,  
**THANK YOU** for learning about the  
Kenai Refinery!