



Partnering with the Port of Longview to
create jobs, invest in safety and provide a
clean and environmentally-friendly
energy resource

Who is Haven Energy?

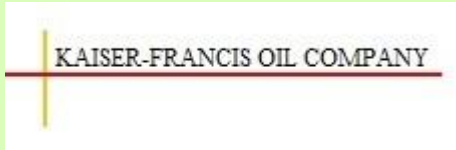


Management and Investors

Industry Experience Description



- ~50 years experience in propane and butane markets
- Led multi-billion dollar company and development projects
- Managed 40 million barrel storage facility and rail terminal
- Direct experience developing and operating propane and butane marine terminals



- Multi-billion dollar energy investment portfolio, including energy storage and transportation infrastructure
- Controlled by George B. Kaiser, world renowned entrepreneur and philanthropist



- Among the largest energy private equity funds worldwide
- \$6.1 billion committed to investments in energy storage, transportation and processing
- Ownership interests in 275 million barrels of storage capacity and 370 terminals

Project Description



- Port of Longview property would be leased by Haven Energy
- \$300+ million capital investment would build a rail unloading facility, storage tanks and ship loading area at the Port
- At full capacity, Haven Energy would have a throughput of 47,000 barrels per day (bpd) of propane and butane, and approximately 900,000 barrels of storage

Haven Energy Facility Layout Within the Port of Longview



Minimal Local Impacts



- Project would utilize the Port's existing rail corridor
- At full capacity, approximately one train would enter the Port every day and a half, or about 20 trains per month
- At full capacity, approximately three ships would enter and leave the Columbia River per month

What are Propane and Butane?



- Propane and butane are cleaner burning energy sources
 - ✓ Approved as a cleaner fuel in the 1990 Clean Air Act and 1992 Energy Policy Act
 - ✓ Recognized by Washington and Oregon as a cleaner alternative fuel*
 - ✓ Emit 14% less CO₂ than heating oil and 40% less CO₂ than coal when burned**



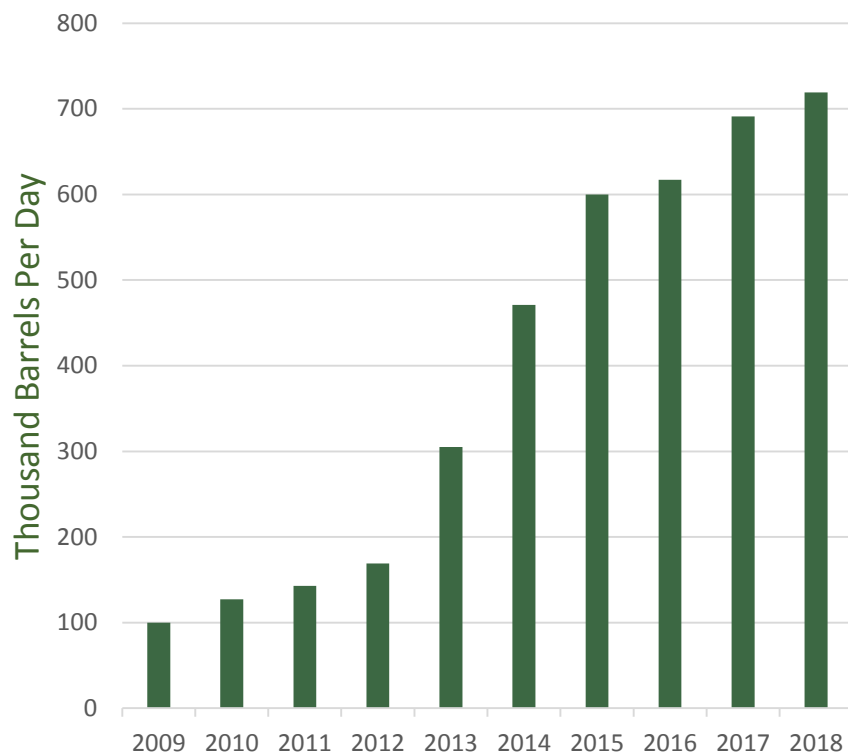
**Source: WAC 458-20-279 and Oregon DEQ Clean Fuel Program, propane only*

***Source: U.S. Energy Information Administration, propane only*

Growth and Distribution of Propane and Butane Exports

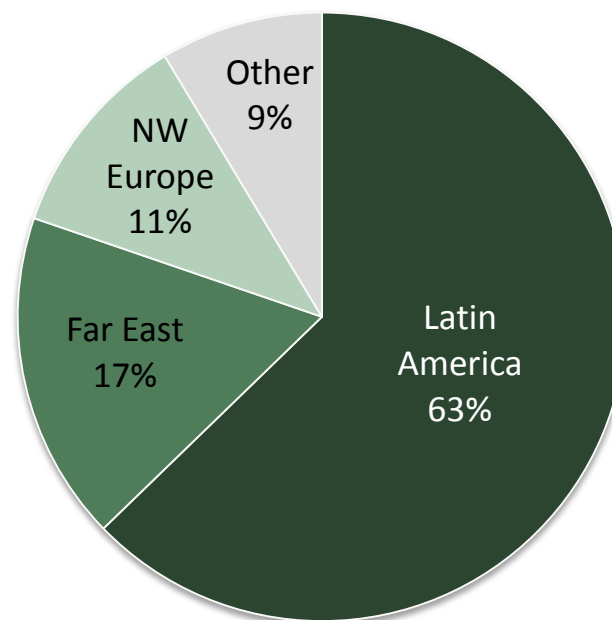


U.S. Propane and Butane Exports



Source: Wells Fargo Equity Research

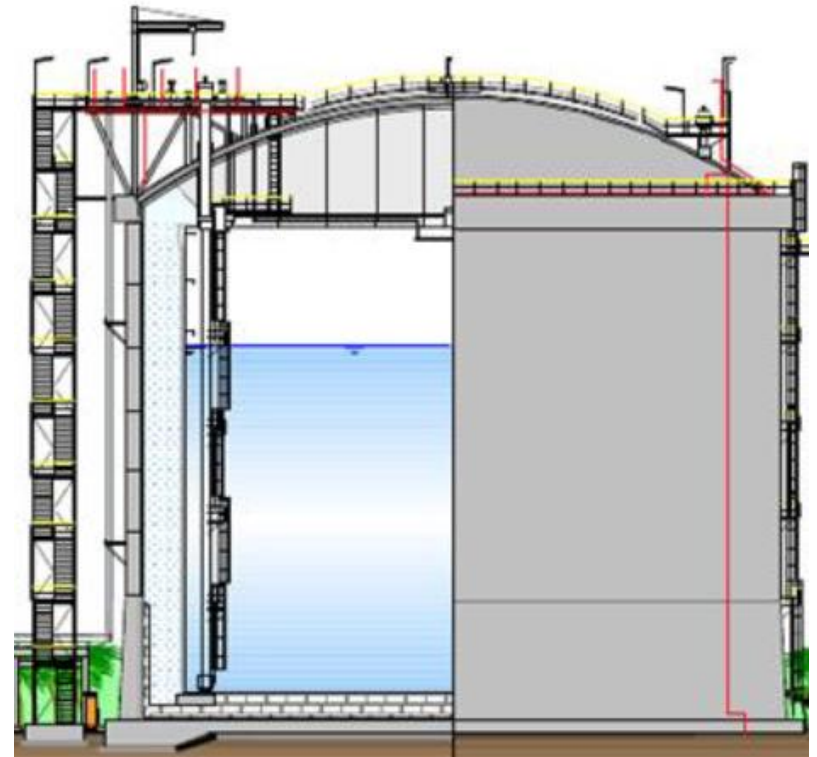
U.S. Propane and Butane Exports By Destination (Dec 14)



Source: Waterborne Commodity Intelligence

Site Safety

- \$60 million in safety-related features
- Full containment storage tank design
 - ✓ Safest storage tank design for propane and butane in the world*
 - ✓ First propane and butane full containment storage tank in the United States



Full Containment Storage Tank Cross Section

Economic Benefits – Construction



- 2,135 construction-related jobs **sourced in Washington**
 - ✓ 825 direct
 - ✓ 653 indirect
 - ✓ 657 induced
- \$137 million of total pay and benefits to Washington residents
- \$17 million in local and state tax revenue during construction
 - ✓ Sales and use
 - ✓ Property
- Majority of labor and construction materials sourced locally

Economic Benefits – Operation



- \$19 million of annual spending, including Haven operations and rail/marine services
- Between 110 and 125 permanent direct, indirect and induced jobs in Cowlitz County
 - ✓ 48 – 57 direct jobs
 - 26 – 35 jobs at Haven terminal
 - 22 rail and marine jobs
 - ✓ 28 indirect
 - ✓ 34 – 40 induced
- Pay and benefits will be substantially higher than the Cowlitz County average
- \$4 million in annual local and state tax revenue
- New and diversified revenue stream for the Port

Source: ECONorthwest economic analysis

Haven Energy = Local Jobs



- Construction
 - Regular meetings with local labor to discuss construction
 - Haven Energy to present a Project Labor Agreement (PLA) to the Longview/Kelso Building and Construction Trades Council
 - Pre-approval of JH Kelly as a potential contractor for the project
- Operations
 - Regular meetings with ILWU Local 21 to discuss operations
 - In the lease with the Port of Longview, Haven has made commitments to comply with the ILWU/Port Working Agreement regarding labor functions related to the project
 - Haven has engaged in good faith discussions with the ILWU regarding the labor needs of the project and will continue to do so

Commitment to the Environment



Commitment to the Environment



- Propane and butane that are currently being wasted by “flaring” will be captured and brought to market, providing a cleaner energy resource
- Harnessing this energy resource will reduce carbon dioxide emissions of up to 1.1 million tons per year*
- Equivalent to removing up to nearly 200,000 cars from the road each year**

**Source: ECONorthwest*

***Source: U.S. Environmental Protection Agency, Office of Transportation and Air Quality, December 2011*

Community Engagement

Port of Longview

- Introduction
 - Community presentations
 - Stakeholder meetings
- Through negotiations
 - Monthly update at Commission meetings
- Prior to Commission vote
 - Developed input methods
 - Newsletters/ ads publishing input opportunities, schedule
 - Community presentation

Haven Energy

- Presentations to
 - Labor
 - Local governments
 - Contractors
 - Environmental
 - Governor's office



WE WANT TO HEAR FROM YOU.

1 TONIGHT'S AGENDA

CALL TO ORDER
PLEDGE OF ALLEGIANCE
INTRODUCTION
HAVEN PRESENTATION
FOLLOWED BY Q & A
BREAK
HOUSEKEEPING
PUBLIC COMMENT
ADJOURN

2 GUIDELINES FOR PUBLIC COMMENT

1. Approach the podium and wait to be acknowledged by the Chair before speaking
2. Address all comments to the Chair
3. State your **FIRST** and **LAST NAME** and **CITY OF RESIDENCE**
4. Comments will be timed and are limited to 3 minutes per person
GREEN: Timer starts after you state your name and city of residence
YELLOW: You have 1 MINUTE remaining
RED: Your comment period has expired, please be seated
5. Be respectful to the Commission and other meeting attendees

3 SHARE YOUR THOUGHTS VIA ONE OF OUR MANY OPTIONS

ATTEND A MEETING

The Port Commission will accept public comments on the proposed Haven Energy project at upcoming meetings.

WEBSITE

Click the Haven link on the Port's home page to be directed to the project overview and comment form. portoflongview.com

SEND AN EMAIL

Comments may also be sent to the Port's general email account info@portoflongview.com.

COMMENT CARD

Comment cards are provided at meetings and at the Port's main office to submit comments in writing.

LEAVE A MESSAGE

If you find it easier to just call, you're welcome to provide verbal comments via voice-mail by calling 360-703-0231.

