





IEP Legislative Update Week of February 10, 2014

Interior Energy Project
Bringing North Slope Natural Gas to
Alaskans

2/12/2014

AGENDA

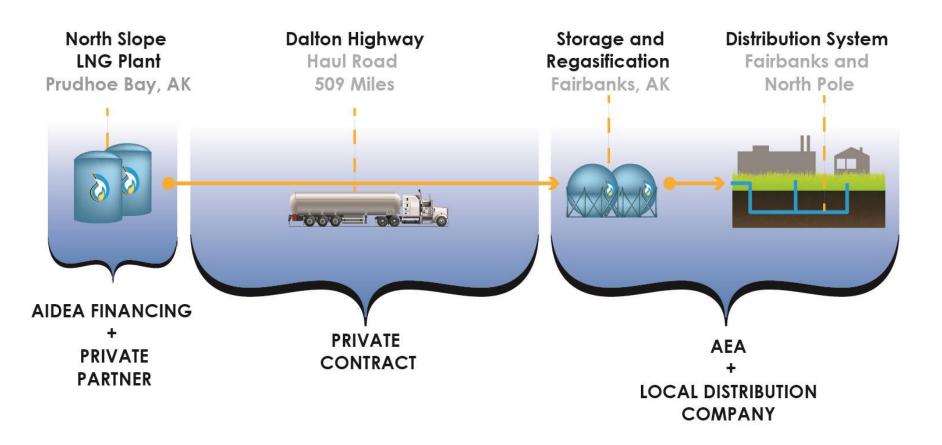


- IEP Goals, Financing and Project Overview
- Project Location
- Project Milestones
- Schedule & Permitting
- Gas Distribution and Demand



IEP PROJECT OVERVIEW







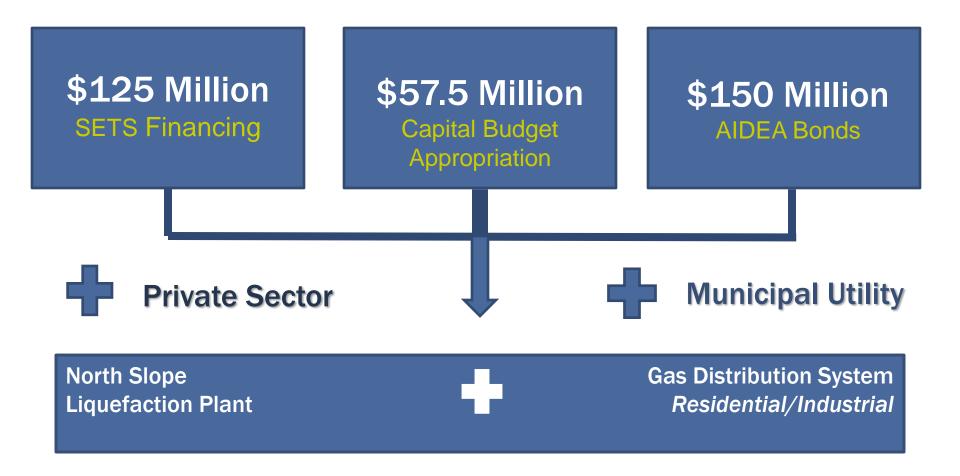
IEP GOALS



- Supply natural gas to Interior Alaska:
 - 1. At the lowest cost possible
 - 2. As many Alaska customers as possible
 - 3. As soon as possible
- Provide propane from the gas stream
- IEP investments compliment alternative sources of gas supply
- Use private-sector mechanisms

SB23 FINANCE PACKAGE







LNG AND PROPANE SALE PRIORITIES



- 1. Residential and commercial space heating
- 2. Electric utilities
- 3. Industrial customers
- 4. Other utilities
- 5. Open market LNG sales







COMPLETED PROJECT MILESTONES



North Slope Facility

- **Project Pre-Feasibility Analysis**
- North Slope Plant Plan of **Development**
- **Private Partner Due Diligence** and Negotiations
- Pad Build and Design **Procurement**
- **Long-lead Equipment Procurement**

Distribution System

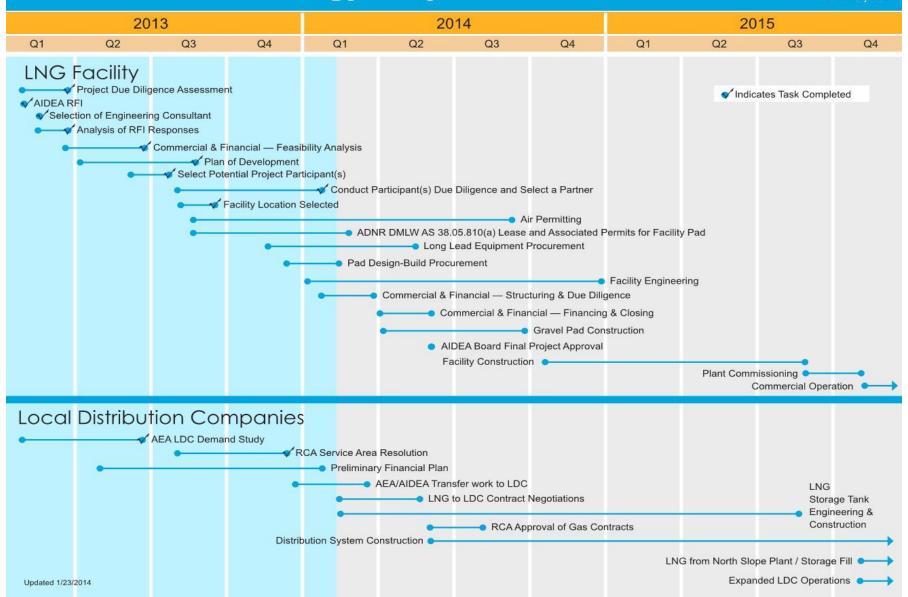
- **Demand and Conversion Analysis**
- **RCA Service Area Resolution**
- **Distribution Cost Project Estimate**
- **FNG Storage Tank Financing** (5.25MM gallon tank)

Estimated 6-year Build-Out



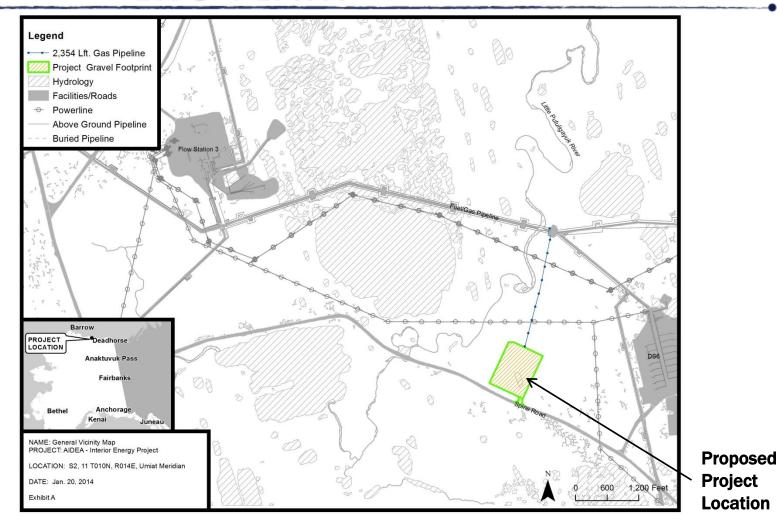
AIDEA Interior Energy Project - Schedule





PROPOSED PROJECT LOCATION: LNG PLANT



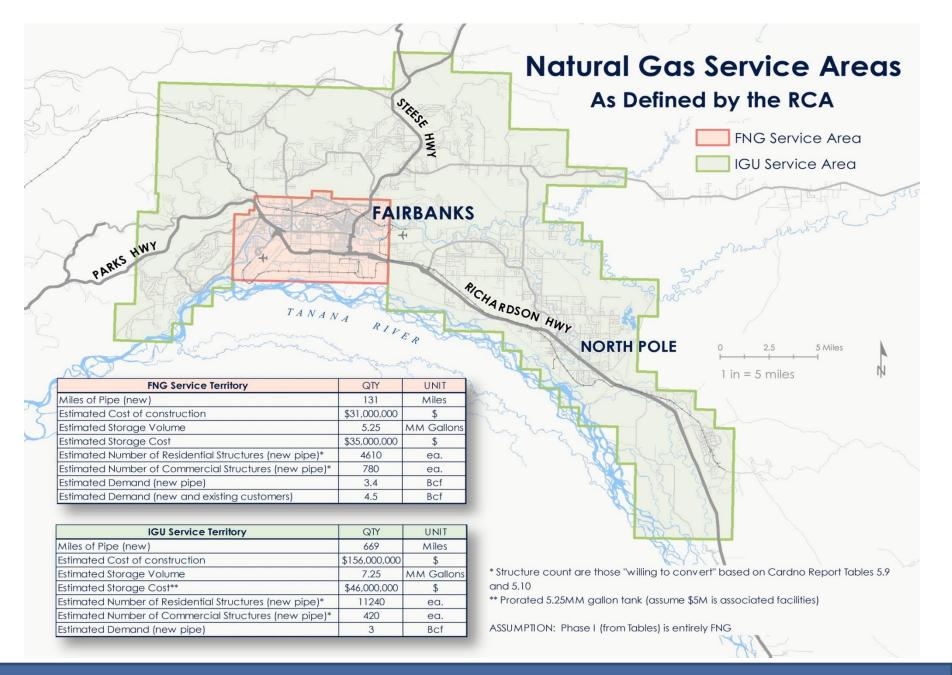


NORTH SLOPE FACILITY **NEXT STEPS**



- Letter of Intent executed week of February 3, 2014
 - **Establishes the basic parameters of the North Slope** LNG Plant financing between AIDEA and MWH
- **Project Development Agreement March 2014**
 - Negotiate and finalize a detailed Project Development **Agreement with MWH (Commercial Structure)**
 - Secure LNG purchase agreements with potential customers – IGU, FNG and GVEA



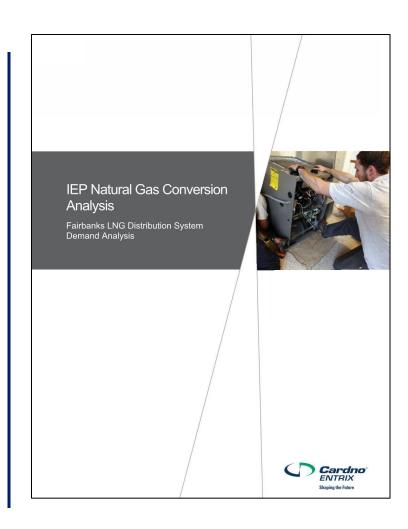




CONVERSION ANALYSIS STUDY



- LNG Distribution System Demand Analysis
- Report complete January 2014
- Demographics, economics, and conversion rate forecasts
- Full report posted to IEP website





NORTH SLOPE PLANT DEMAND BY YEAR



(GAS DISTRIBUTION ONLY)

From Table 5.10, pg 5-19 Cardno Report Natural Gas Demand by Service Territory (Bcf)

Existing Customers
Newly Served Customers *Total*

| FNG Territory | | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | |
| 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | |
| 0.5 | 2.3 | 2.8 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | |
| 1.6 | 3.4 | 3.9 | 4.4 | 4.4 | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | |

FNC Tauritan

| IGU Territory | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
| 0.0 | 0.1 | 0.6 | 1.2 | 1.8 | 2.3 | 2.6 | 2.8 | 2.9 | 2.9 | 2.9 | 3.0 | 3.0 |

NORTH SLOPE PLANT DEMAND BY YEAR

Interior Energy Project

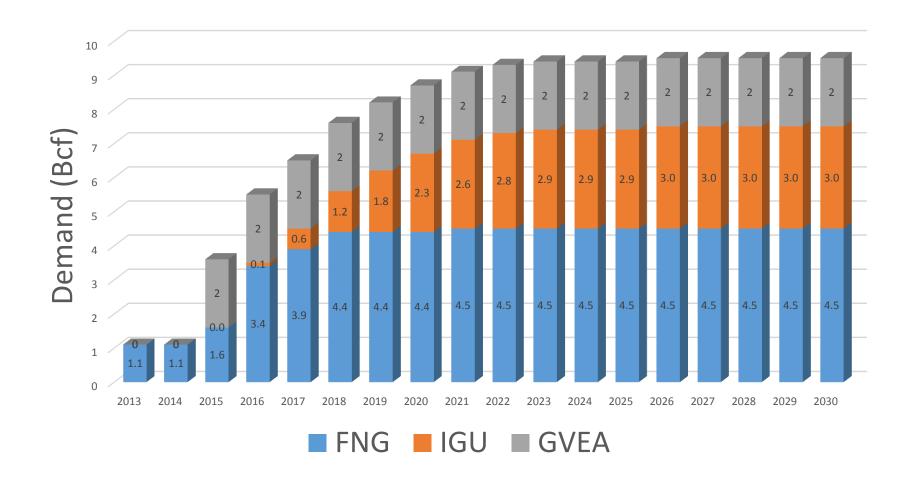
(ADJUST FOR PEAK DAY)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
|-------------------------------|------|-------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Plant Demand by Year: | 3.50 | 4.50 | 5.60 | 6.20 | 6.70 | 7.10 | 7.30 | 7.40 | 7.40 | 7.40 | 7.50 | 7.50 |
| Simplified Capacity Factor of | | | | | | | | | | | | |
| 1.5 | 5.25 | <i>6.75</i> | 8.40 | 9.30 | 10.05 | 10.65 | 10.95 | 11.10 | 11.10 | 11.10 | 11.25 | 11.25 |



PIPELINE GAS DEMAND BY CUSTOMER



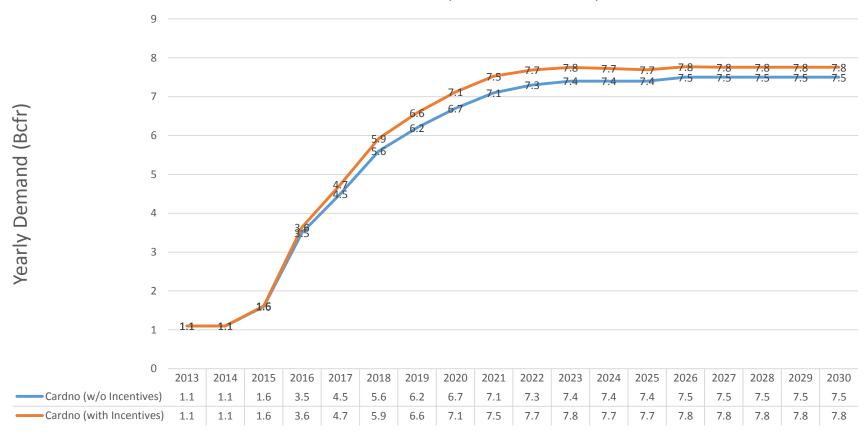




INCENTIVE DEMAND COMPARISON



DEMAND COMPARISON (without Industrials)





DISTRIBUTION SYSTEM NEXT STEPS



- Utility discussions on distribution financing access
- **Negotiate Take or Pay Contracts**
- **RCA Approval of Contracts**









QUESTIONS www.interiorenergyproject.com

2/12/2014