

# Bilateral Chamber of Commerce Visiting Delegation from the Republic of Turkey

Houston, Texas October 26, 2017

# WELCOME!

## Who's NEXT?

#### NEXT is NextDecade Corporation (NASDAQ: NEXT)

- 1. NEXT is a leader of the 2nd Wave of US LNG export projects
- 2. An entrepreneurial LNG & natural gas company
- 3. Ready to tailor competitive value-chain solutions for the global LNG industry
- 4. Comprised of industry leaders with experience on some of the most prestigious projects in the industry



NEXT**Decade** 





#### NextDecade: Management LNG Experience

The management team at NextDecade possesses extensive LNG experience and, at prior projects, has successfully executed numerous long-term LNG contracts. Projects and companies associated with the management team's industry experience are detailed below.



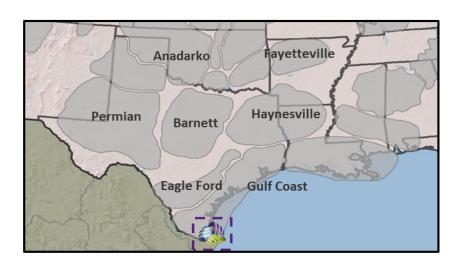
\*NextDecade personnel involved at early stage. Project completed by Excelerate. Excelerate is not affiliated with NextDecade. | ^ On behalf of Shell



# Rio Grande LNG (RGLNG)

NextDecade

- 984-acre site in Brownsville, Texas
- Close proximity to associated and stranded gas resources in the Permian Basin and Eagle Ford Shale
- Planned capacity of 27 mtpa (6 trains x 4.5 mtpa each)
- FERC application filed May 2016;
  FERC approval expected in mid-2018
- DOE authorization received for FTA countries; non-FTA approval pending
- Significant volume of HOAs signed
- Phase I: Start-up planned for 2022

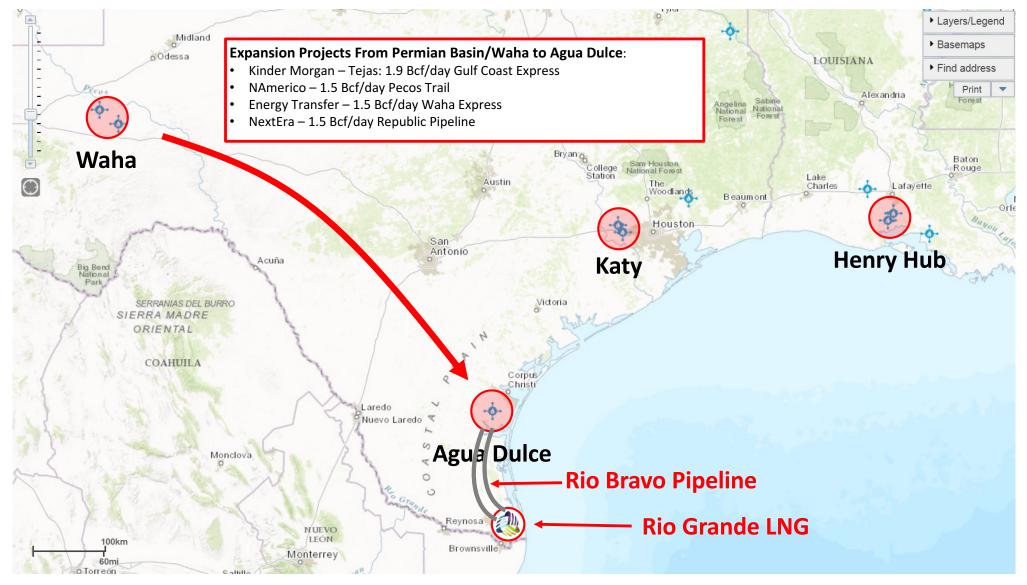






# Major Gas Market Hubs in Texas & Louisiana

#### Source: EIA U.S. Energy Mapping System



# **Rio Bravo Pipeline (RBPL)**



#### **Corridor Full Build-out Scenario:**

- Two 42-inch pipelines for the delivery of up to 4.5 Bcf/day of gas to the RGLNG terminal
- 750 psig at initial Compressor Station inlet
- 1250 psig delivered at RGLNG Terminal
- First/Mid-Point/Third Compressor
  Station = 180,000 total
  horsepower EACH
- Compressor Station 2 located 66.1 miles upstream of RGLNG Terminal

#### Header System Full Build-out Scenario:

- 2.4 Mile system from northwest of Energy Transfer King Ranch Gas Plant to Compressor Station 1 inlet
- 750 psig at initial Compressor Station inlet
- Duel 42-inch pipelines from MP HS-00 to approximately MP HH-0.8
- Single 42-inch pipeline continues to MP HH-2.4 to interconnect with NET Mexico Pipeline
- Header System interconnects proposed: Energy Transfer, Kinder-Morgan Tejas, NGPL, Tennessee, TETCO, Transco
- Total capacity ~6.7 Bcf/day

#### **Competitive Advantage**



- Competitive EPC costs (\$450-\$500 MM/ton)
- Proximity to low-cost feed gas sourced from Permian Basin and Eagle Ford Shale
- Proven and widely utilized Air Products C3MR<sup>™</sup> technology
- Experienced team, strong relationships with technical and commercial partners
- Limited project and ship channel congestion at Brownsville site
- Flexible offtake models (toll, FOB, and DAP)





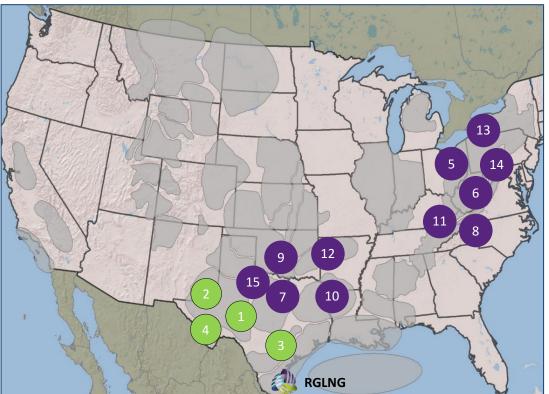
Artist Rendering



Permian production costs are among the lowest across U.S. basins, providing ample scope to absorb transport costs from Waha to Agua Dulce.

Rank	Play	Gas Breakeven* \$/mmbtu
1	Permian - Midland	\$(6.31)
2	Permian - Delaware	(2.69)
3	Eagle Ford	(0.31)
4	Permian - Alpine High	0.76
5	Marcellus - PA - West	1.45
6	Marcellus - WV	1.51
7	Barnett - Dry	2.16
8	Utica - Wet	2.16
9	Anadarko - Woodford	2.22
10	Haynesville	2.26
11	Utica - Dry Gas	2.26
12	Fayetteville	2.27
13	Marcellus - PA - North	2.40
14	Marcellus - PA - South	2.98
15	Barnett - Wet	3.80

Source: DrillingInfo / Ponderosa Energy, Company Filings, Petroleum Listing Service, Inc.



#### <u>Notes</u>

- 1. Everything <\$0.00/mmbtu is in the money due to present-day crude oil prices. These areas are producing gas so inexpensively they would pay someone to take it away.
- Ponderosa Energy has applied representative D&C / LOE well costs, total well recovery estimates, and hydrocarbon quality adjustments for each play based on information from the public domain, individual producers, and in-house expert opinions.
- 3. Apache January 5 investor presentation reports \$0.40/mmbtu break-even gas prices for Alpine High (\$50.00 WTI).

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# Inisfree LNG – Port of Cork, Ireland

#### Ideal location

- Deepwater port (second largest natural harbor)
- Benign metocean conditions
- Existing marine infrastructure in industrial area
- Proximity to Gas Grid (less than 2km)

#### <u>Local Market</u>

- Energy Hub with 25% of Ireland's energy demand
- 20% of Ireland's generating capacity
- Ireland's only oil refinery as neighbor
- Small scale LNG & marine bunkering opportunities

#### Broader Market – Ireland and UK





## **Pelican Island LNG at Shoal Point**



- 994-acre site in Texas City, TX
- Planned capacity of 13.5 mtpa (2 plus 1 optional train x 4.5 mtpa each)
- FERC pre-filing expected early 2018
- Targeting start-up in 2024
- Located near the Port of Houston, second largest U.S. port based on tonnage
- Highly industrial area on the Texas City Ship Channel with depth of 45 feet



- ✓ Experienced team
- Extensive commercial relationships
- ✓ Strategic partners
- Expertise along the value chain
- ✓ Proven technology
- ✓ Substantial de-risking accomplished
- ✓ Favorable site
- Key development milestones completed
- ✓ Strong regional political support

# What's

# NEAL MARKENSE

Artist rendering of NextDecade's proposed 27 mtpa Rio Grande LNG project at the Port of Brownsville, Texas



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