

Gas/Electric Partnership Conference

Planning for the Future

February 1, 2018

Entergy Texas, Inc.

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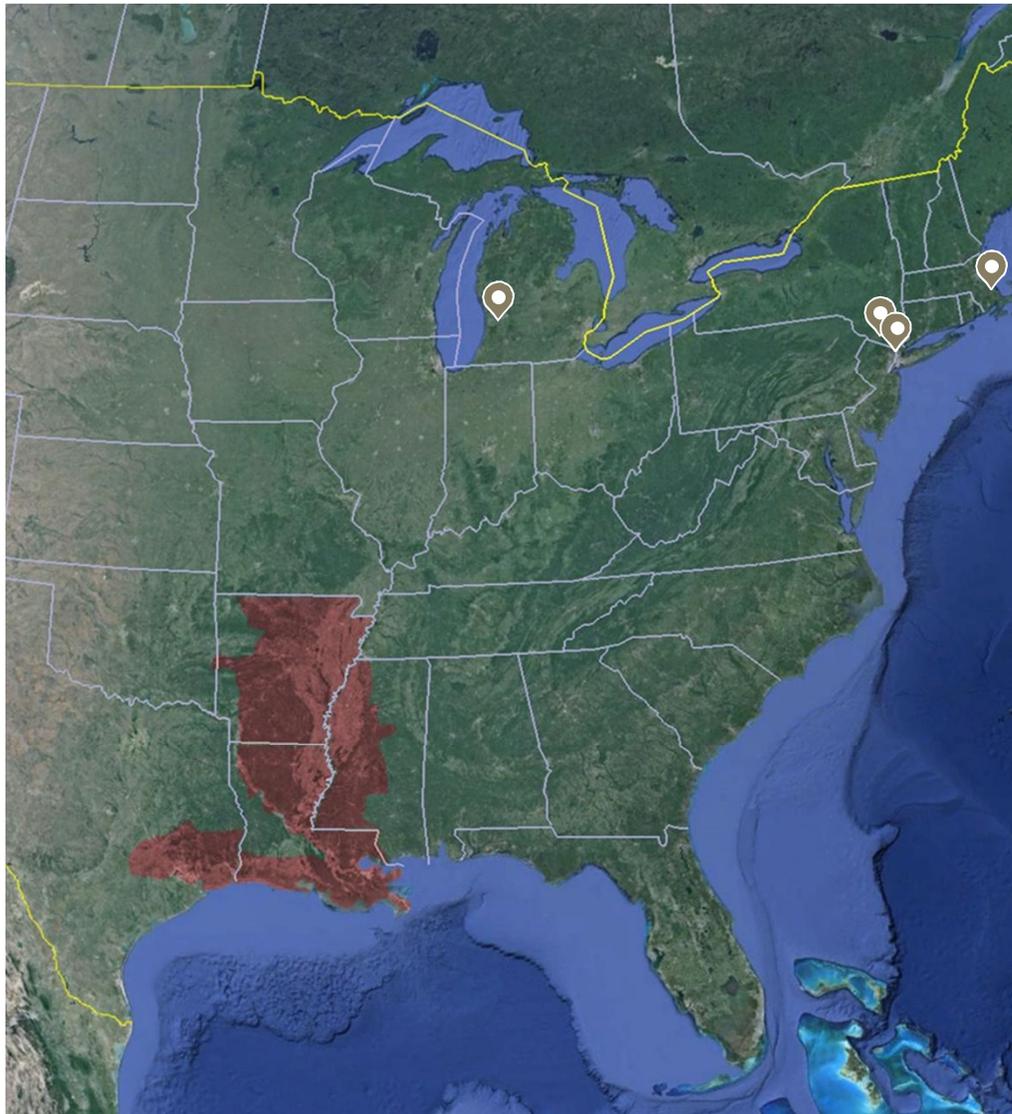
Agenda

Overview

Generation Portfolio & Planning

Transmission Project Plan

Entergy's Scope of Operations



Entergy's Businesses

- ~ \$11 billion revenues
- Nearly 13,000 employees

Utility – *A traditional regulated utility*

- 5 electric utilities in 4 contiguous states
- 2.9 million utility customers
- ~22,000 MW generating capacity
- ~15,500 miles of transmission lines

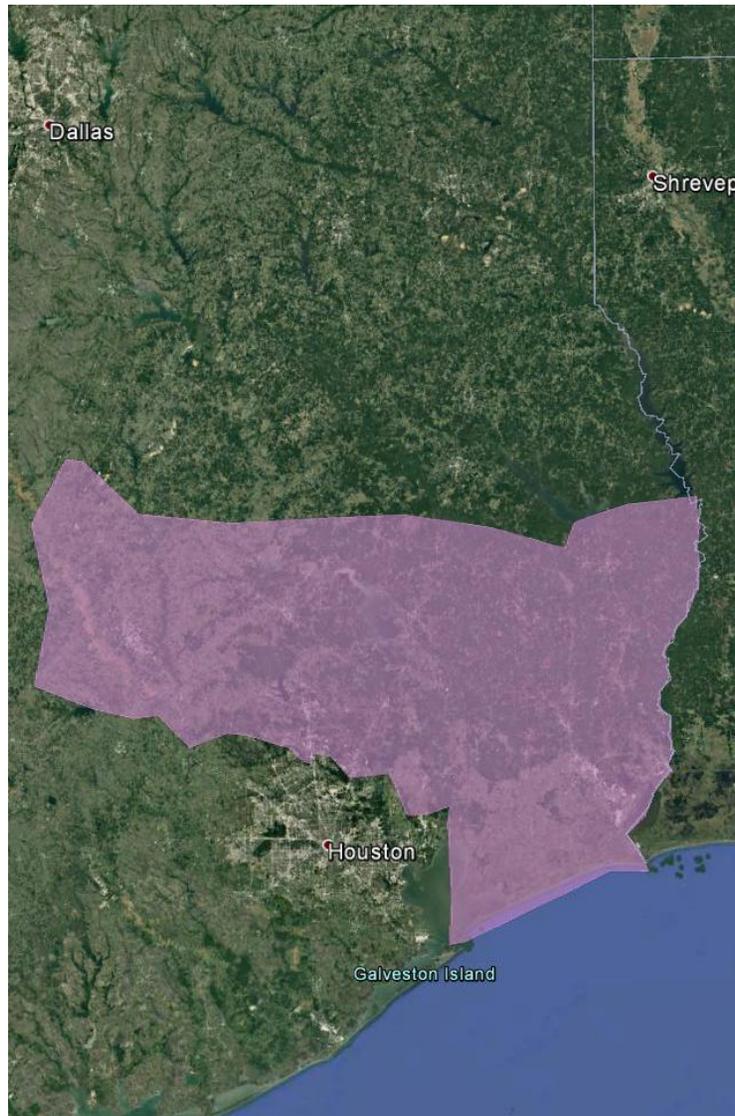
Entergy Wholesale Commodities (EWC) – *A primarily nuclear commodity-sensitive wholesale power generation business*

 EWC operating nuclear units¹



¹ Includes Pilgrim (cease operations in 2019), Indian Point 2 & 3 (plans to close in 2020 and 2021, respectively), and Palisades (plans to close in 2018)

Entergy Texas, Inc.



Our Impact in Texas

- Serves customers in 27 counties
- 448,000 electric customers¹
- Diverse region rooted in oil and gas
- ~3,700 MW of generating capacity
- ~2,600 miles of transmission lines
- ~350 substations

... and continuing to grow!

© 2017 Google
Image Landsat / Copernicus
Data: SIO, NOAA, U.S. Navy, NGA, GEBCO
Image © 2017 TerraMetrics

Google Earth
Sackett Bank



¹ As of 11/7/17

WE POWER LIFESM

Entergy and MISO

On December 18, 2013 at 11:59 PM EST, the Entergy Operating Companies joined the Midcontinent Independent System Operator ("MISO").



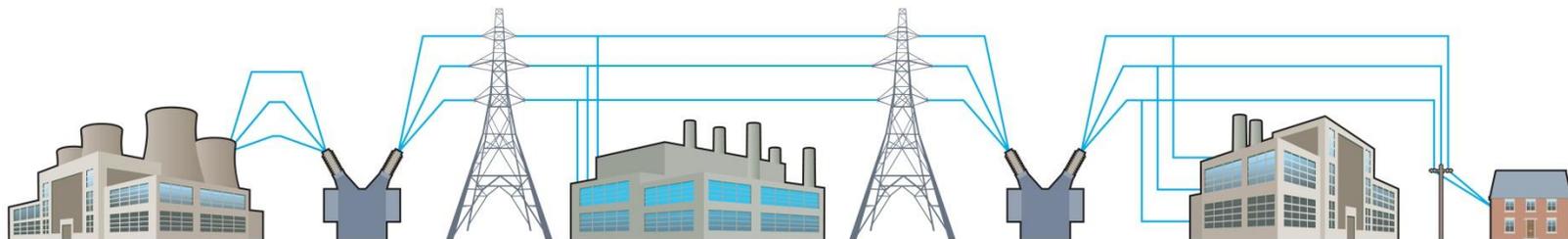
Supporting the Vision of “We Power Life”

The purpose of our Utility business is to grow by providing customers with low-emission, reliable energy at reasonable cost; superior service; a strict focus on safety; operational excellence and engaged employees.

Adequate
generation
capacity

Infrastructure
to deliver
power to
customers

Innovations
for customer
solutions



Agenda

Overview

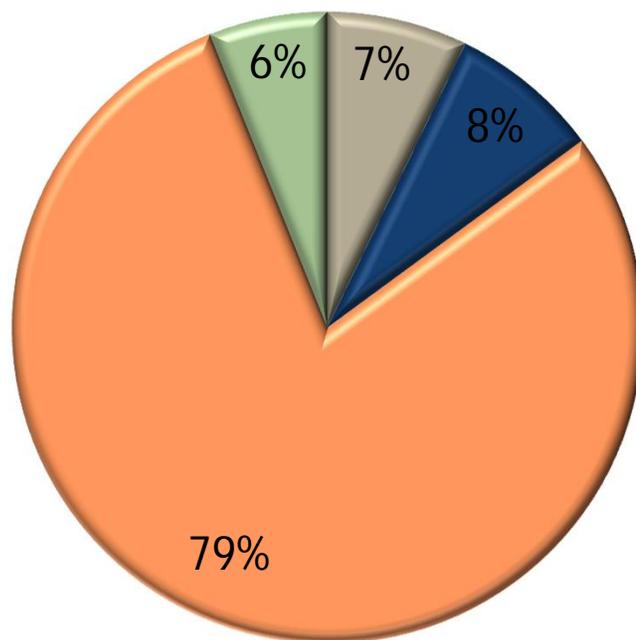
Generation Portfolio & Planning

Transmission Project Plan

Supply Planning

ETI must plan to meet current and future resource needs at the lowest reasonable cost while considering risk

ETI Portfolio Mix
■ Coal ■ Nuclear ■ Gas ■ Other



Factors considered in ETI's long-term planning include, but are not limited to:

- Forecasted Load
- Purchase Power Agreements (PPAs)
- Aging Generation Infrastructure
- Technology Assessment
- Fuel Diversity
- Customer Solutions
- Transmission Infrastructure

Active Texas Projects

Montgomery County Power Station

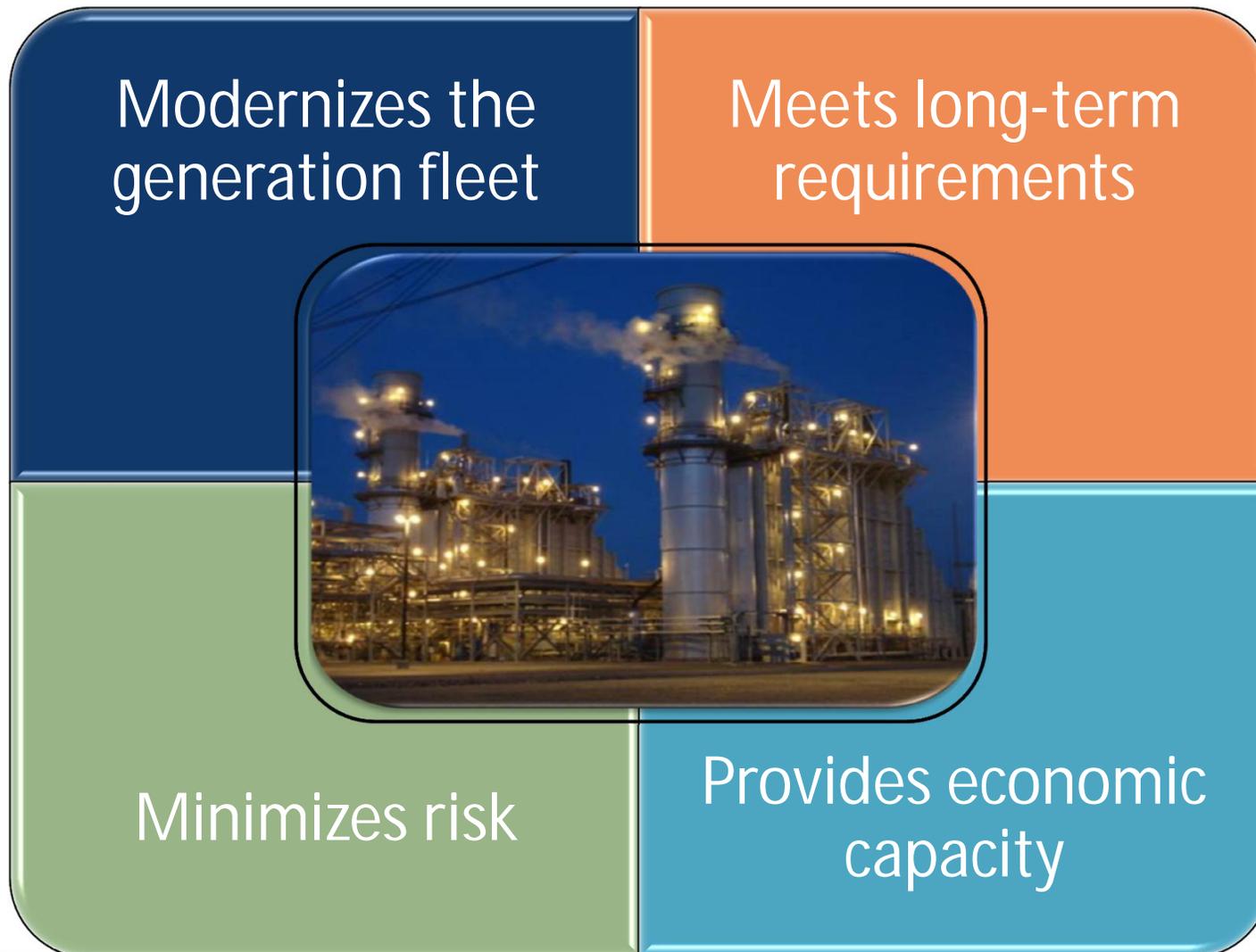
- 993 MW combined-cycle gas turbine plant
- June 1, 2021 expected commercial online date
- Cost - \$937.3 MM
- Located at the Lewis Creek facility site near Willis, TX
- Manufactured by:



MH MITSUBISHI HITACHI
POWER SYSTEMS

Continuing to position for the future

Making strategic investments



Agenda

Overview

Generation Portfolio & Planning

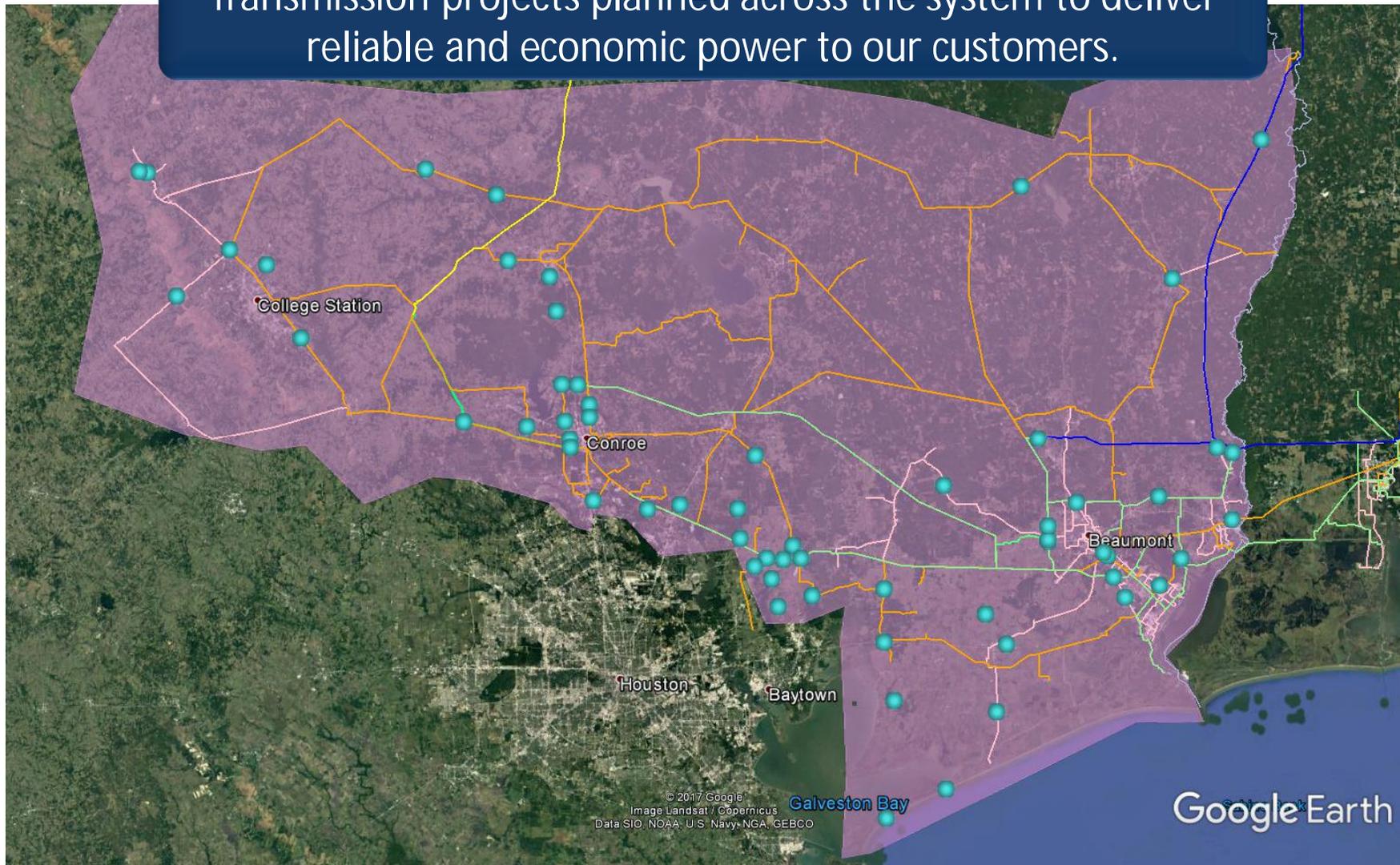
Transmission Project Plan

Transmission Expansion Drivers



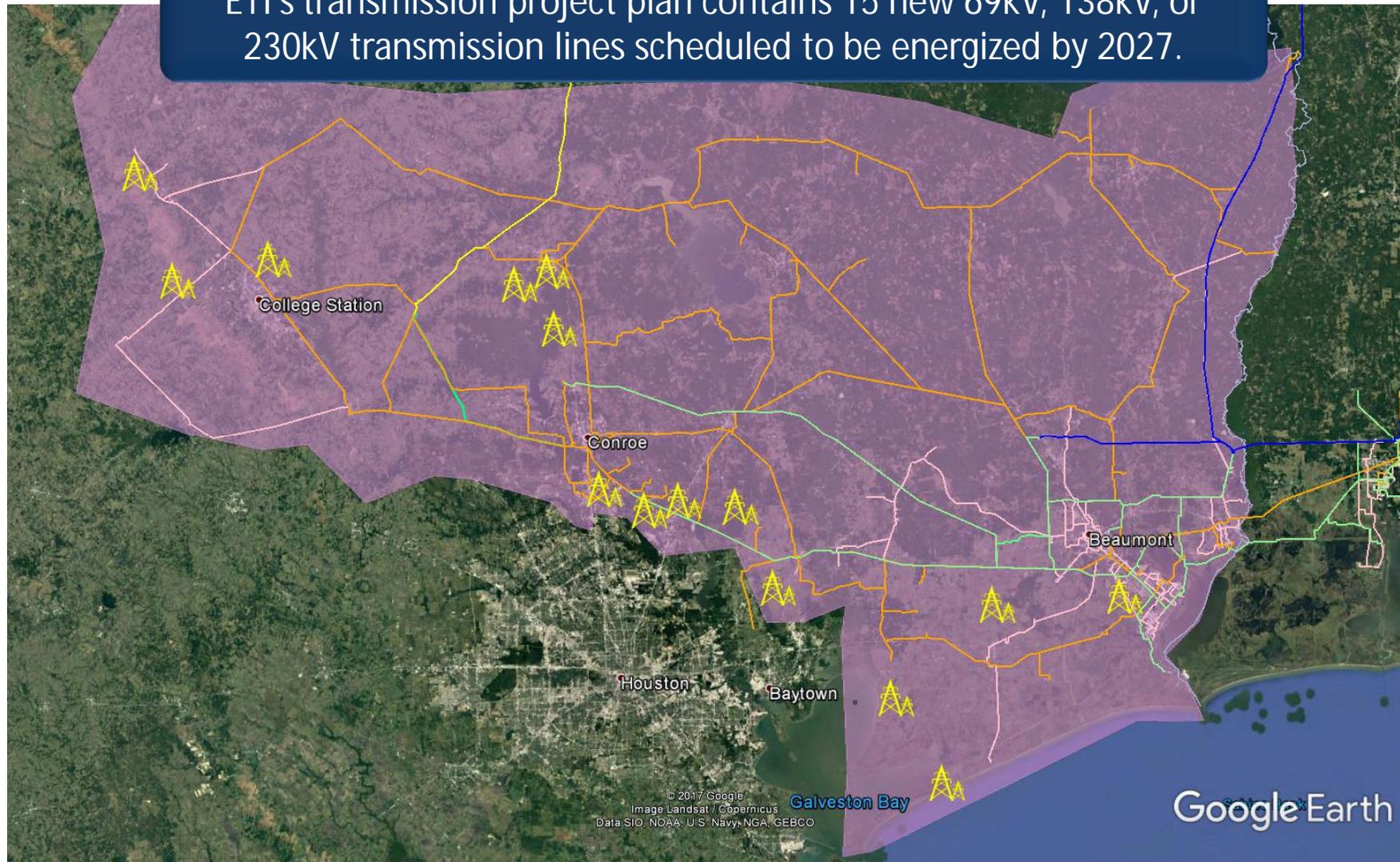
Transmission Project Plan

Transmission projects planned across the system to deliver reliable and economic power to our customers.



Planned New Transmission Lines

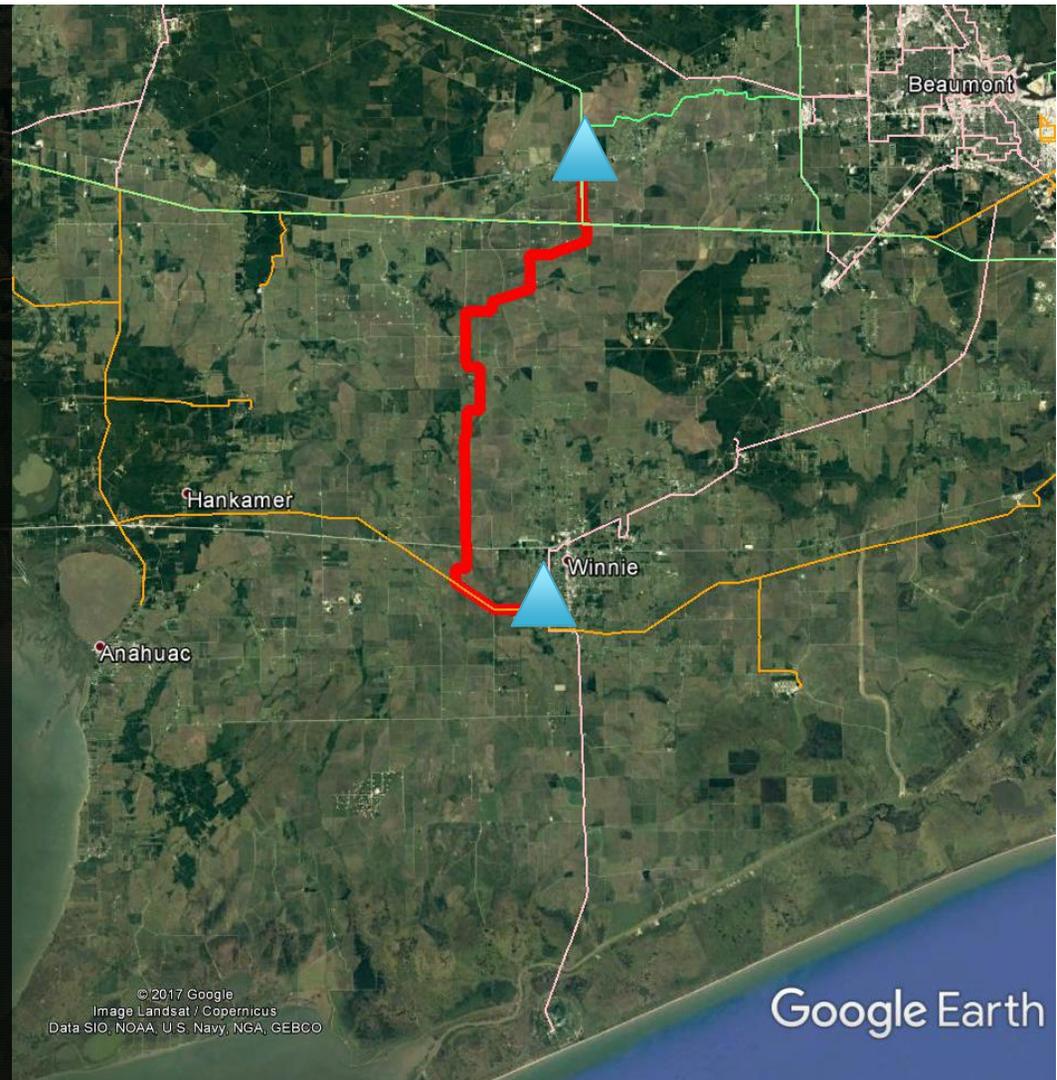
ETI's transmission project plan contains 15 new 69kV, 138kV, or 230kV transmission lines scheduled to be energized by 2027.



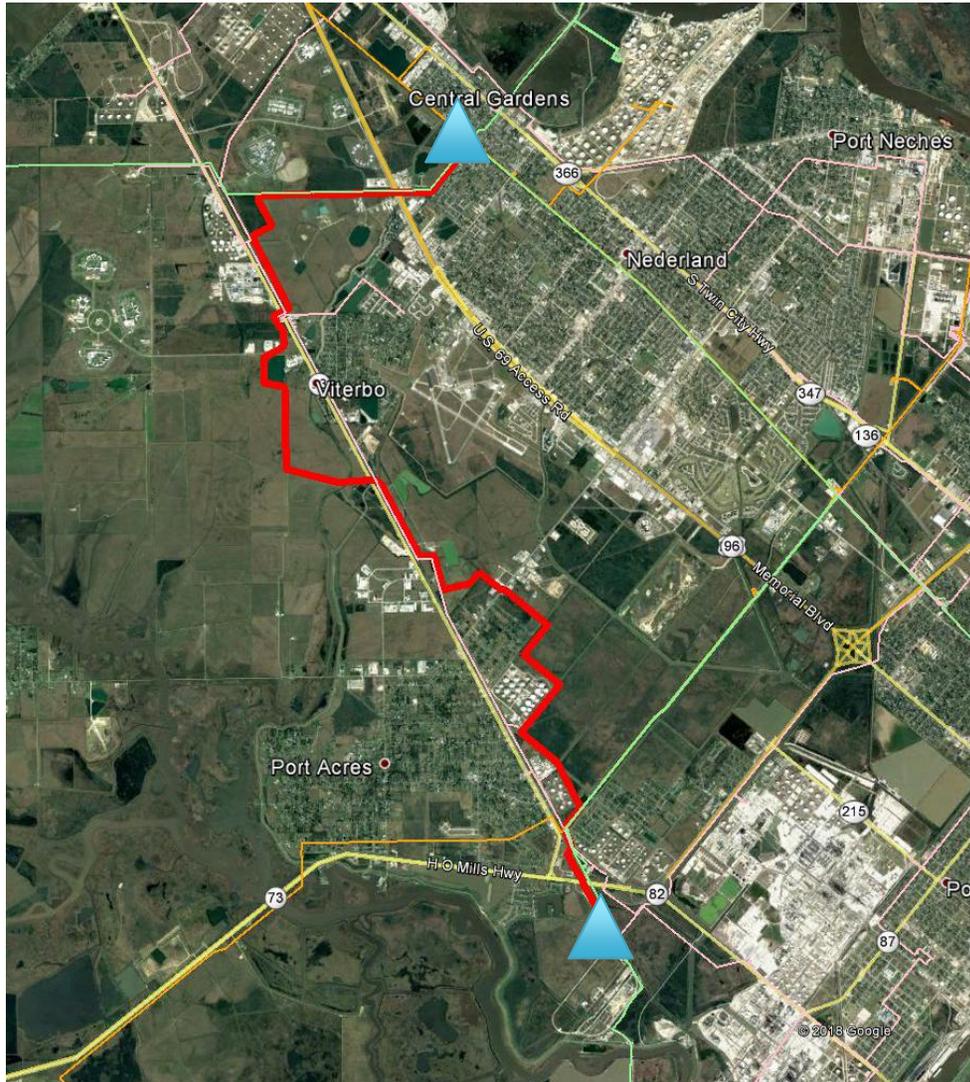
China-Stowell Transmission Line Project

Liberty, Chambers, and Jefferson Counties

- June 2019 In-Service Date
- New ~26 mile 230kV transmission line
- Expansion of two existing 230kV substations
- Enables area load growth
- Addresses long term reliability needs
- Provides operational flexibility



Port Arthur Transmission Line Project



Jefferson County

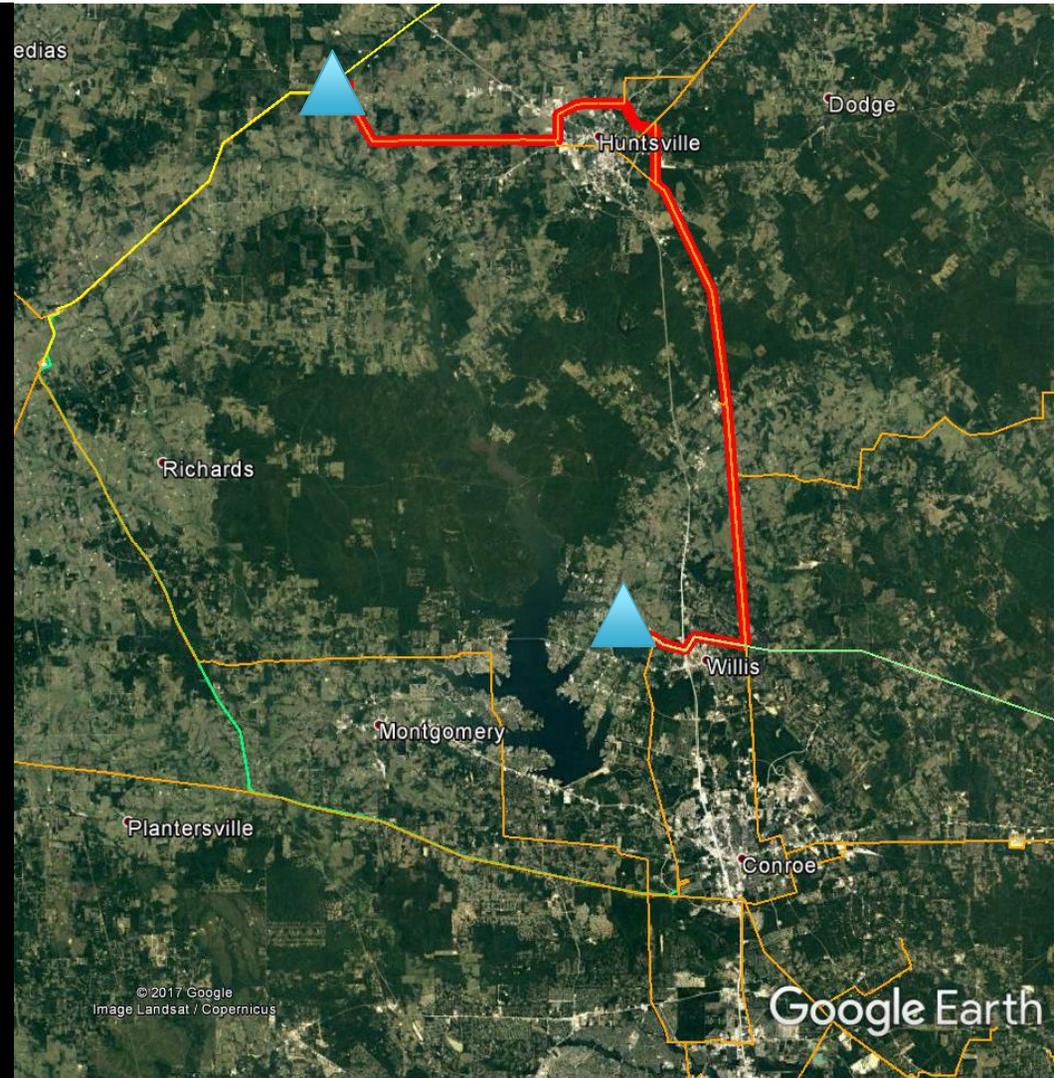
- June 2020 In-Service Date
- New ~13 mile 230kV transmission line
- Two new 230kV substations
- Enables area load growth
- Addresses long term reliability needs
- Provides operational flexibility

Google Earth

Western Region Economic Project¹

Montgomery and Walker Counties

- June 2021 In-Service Date
- Includes new ~41 mile 230kV transmission line²
- New 345/230kV substation
- Expansion of existing 230kV substation
- Provides economic benefits to MISO South customers
- Provides operational flexibility



1) Western Region Economic Project also includes the rebuild of an existing 138kV line in Newton County
2) Actual line route will be determined in PUCT docket #47462.

Supporting a strong economy

Attracting new customers, getting them online faster



Texas Region Transmission Projects

- ✓ Increase load serving capability for new and existing customers
- ✓ Deliver energy from lowest cost sources
- ✓ Enhance reliability for existing customers

