Potential Borger Replacement Project

January 22, 2019
Dominion Energy – Who We Are

✓ Headquartered in Richmond, VA, Dominion Energy is one of the nation’s largest producers and transporters of energy, with a portfolio of approximately 25,700 megawatts of electric generation, 15,000 miles of natural gas transmission, gathering, storage and distribution pipeline and 6,600 miles of electric transmission and distribution lines. We operate one of the largest natural gas storage systems in the U.S. with 1 trillion cubic feet of capacity, and serve more than 6 million utility and retail energy customers.

✓ Our company is built on a proud legacy of public service, innovation and community involvement. In addition to our core businesses, Dominion Energy and our 16,200 employees invest in the communities where we live and work and by practicing responsible environmental stewardship wherever we operate.
Dominion Energy In New York

New York: by the numbers

- 868 miles natural gas transmission pipelines
- 2 underground storage facilities
- 8 natural gas compressor stations
- Provide large percentage of gas supply to National Grid, NYSEG, RG&E, National Fuel, Corning Gas and other industrial customers including power plants
- 3.6 million consumers in NYS
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History

- Mid-October, 2018, Dominion received a letter from the Town of Dryden requesting a meeting to discuss the replacement of Engines 2 and 3 and install an oxidation catalyst on Engine 4.

- Facilities at the Borger Compressor Station:
  - Unit 1 is already abandoned in place
  - Units 2 and 3 will be replaced with Units 5 and 6 as proposed as part of this Project
  - Units 2 and 3 will remain in service until Units 5 and 6 are operational to supply existing customers
  - Unit 4 will remain
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Project Overview

**Description**
- **Entity:** Dominion Energy Transmission, Inc. (DETI)
- **Commence Construction:** Post Receipt of Permits
- **In-Service:** 4th Quarter 2021

**Proposed Facilities**
- Two New Solar Centaur 50S Centrifugal Compressor Units with Oxidation Catalysts (Borger Units 5 and 6) with total 12,260 hp rating, 9 PP Nox best industry available technology, including oil coolers and cold recycle
- New Units 5 and 6 Replace Existing Units 2 and 3
- Additional station piping to connect new units into existing station suction and discharge piping
- Three additional Capstone Microturbines (C65NG Standard) to be located in existing auxiliary building – to allow electric start of new units
- Install heat recovery system on three existing and three new C65 Microturbines
- Replace existing steam boiler with new glycol boiler and connect to existing glycol system
- New blowdown silencers for new units and existing station blowdown pipe
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Emissions Comparison

- Potential emissions from existing Units 2 & 3 are from the 2018 Title V Renewal Application and include the associated hours restrictions currently in the permit.
- Potential emissions from the new Units assume 9ppm NOx and an oxidation catalyst
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Timeline contingent upon receipt of all required permits

4th Q 2018
- Initial Outreach NYSDEC and Public Officials

2nd Q 2019
- File Air Permit Application with NYSDEC

4th Q 2019
- Order and Receive all Equipment

4th Q 2019
- Receive all Required Permits (Air Permit and CUP)

March 1, 2019
- Review Public Officials Initial Outreach NYSDEC and
- Begin Town of Dryden Board

March 1, 2019
- NYSDEC

December 2018
- In-service

2nd Q 2020
- Commence Construction

2nd Q 2021
- 4th Q 2021

4th Q 2020 *