



**Texas Commission on Environmental Quality (TCEQ)  
Texas Emissions Reduction Plan (TERP)  
New Technology Implementation Grant (NTIG) Program**

**Implementation Period Biannual Status Report Form**

<b>Contract Number:</b>  582-23-45841-NG	<b>Grantee Name:</b>  Colt Midstream, LLC
<b>Report for Biannual Period:</b>  Jul 1st, 2024 - Dec 31, 2024	<b>Physical Project Address:</b> 7339 Co. Rd. 403 Stephenville, TX 76401
<b>Date Submitted:</b>  01/06/2025	<b>Project Representative Name:</b>  Rachel Hisaw
<b>Project Representative E-Mail:</b>  Rachel.Hisaw@coltmidstream.com	<b>Project Representative Phone Number:</b>  903-402-9750
<b>Project Summary (150 words or less):</b> Colt will repower two of four in-service compressors located at the Huckabay Gas Processing Plant in Erath County, TX. All four engines are MEP Fairbanks Morse engines. Colt intends to replace two engines (Engines #2 and #3) with modern Waukesha 7044 S5 1900 engines which will result in annual NOx reduction of 89% and over 87% reduction in formaldehydes, from the facility. The plant typically runs two of four units while the other two units remain in standby. All four units are used at the plant and are rotated for consistent runtime. Colt will treat the repowered units as primary units once the project is complete and will commit to 80% runtime on the two repowered units during plant operations. The Huckabay plant has served as a swing plant for many years typically operating approximately 30% of the year and is projected to remain in active service for many years to come	

## Section I. Project Progress

- A. Indicate which Tasks, as defined in the Grant Contract Scope of Work, are currently in progress. Describe any challenges encountered during the completion of these Tasks. Discuss plans or actions taken to resolve them.
- Task 4:
    - Regeneration Heater: the new waste heat recovery heater was received and installed onto the new #2 Engine
    - All Purchase Orders (POs) and Work Orders (WOs) have been issued
  - Task 5
    - The mechanical contractor and Colt's internal resources worked together to disconnect and remove the existing engines from the plant
    - Repurposed Compressor Skids: Both of the compressor skids were "zero hour" overhauled with all new internal parts and appropriately sized equipment to enable the usage of the new 7044 engines. The re-assembly was done entirely by Colt in-house mechanics. The skids were then lifted and transported to the Huckabay plant and installed into place
    - New Engines: Both new engines were received from Waukesha and installed onto the relocated compressor skids
    - The mechanical contractor performed all piping modification to integrate the new engines and compressors into the existing plant piping as well as installing the emissions control equipment and catalysts.
    - Automation and Electrical work to connect the engines and compressors to the plant's control scheme and power all end devices was completed by a combination of third-party contractors and internal resources. New control panels for the engines were built and installed on location.
    - The remaining tasks are cosmetic in nature and include all-weather protection for the new machines, and painting
    - Colt in-house personnel along with Waukesha technicians are in the process of commissioning the equipment beginning today January 6<sup>th</sup>, 2025
    - Colt expects the commissioning to take place over the course of this week and be concluded by early next week, weather pending.
- B. Indicate which Tasks have been completed, and any associated accomplishments during this reporting period. Describe any challenges encountered during the completion of these Tasks. Discuss actions taken to resolve them.

## Section II. Goals for Upcoming Period

A. Provide a brief description of the Tasks and/or other project goals you hope to realize in the coming period and identify any notable challenges that can be foreseen.

- Finish Commissioning
- Task 6 - Testing and Final Design Reporting
- Task 7 - Operational Reporting

*Authorized Official/ Project Representative's Printed name*

Tommy Chernosky

1/6/25

*Authorized Official Signature/ Project Representative's name*

*Date*



Note: Please attach any additional information that you feel should be a part of your report.

This form may be submitted via e-mail to your Contract Manager, Drew Weise at

[drew.weise@tceq.texas.gov](mailto:drew.weise@tceq.texas.gov).