

**Texas Commission on Environmental Quality
New Technology Research & Development (NTRD) Program
Monthly Project Status Report**

Contract Number: 582-11-13470-2019
Grantee: GE Transportation
Report for the Monthly period: August 1, 2011 – August 31, 2011 **Date Submitted:** 9/12/11

Section I. Accomplishments

Provide a bulleted list of project accomplishments as well as a description of their importance to the project.

- Task 2.2.1: Engine hardware received at assembly supplier for first test engine and assembled to engine. Majority of components for second test engine received at supplier.
- Task 2.1.4.1: System tollgate review held and closed. System functional specification released into document control system. System design specifications released into document control system
- Tasks 2.5.1 & 2.8.1: Gained EPA approval to Cert 1042 with our current test set- up

Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:

- Task 2.2.2.1: The PERFORMING PARTY will rebuild an existing 6L250 prototype engine with the chosen Tier 3 engine configuration. This rebuilt 6L250 engine will be used as a performance development engine.
- Task 2.1.4.1: The PERFORMING PARTY will plan and prepare design reviews for each of the 8L250 and 6L250 engine configurations, to include all required additional components to retrofit the L250 engine family to meet EPA Tier 3 emissions levels.”
- Tasks 2.5.1 & 2.8.1: The PERFORMING PARTY will complete EPA certification testing of the prototype engine. The PERFORMING PARTY will submit all necessary documentation to the EPA and respond to all EPA questions as necessary to receive Tier 3 certification for the prototype engine.

Section II: Problems/Solutions

Problem(s) Identified: Report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project

- a) The delivery of the turbocharger has been pushed out several weeks by the supplier. Although we do not anticipate this causing a major impact to our test schedule, this does reduce the amount of time that the turbo mounting solution supplier will have to complete the project in order to meet our anticipated test start date.

Proposed Solution(s): Report any possible solution(s) to the problem(s) that were considered/encountered

- a) Determine if the supplier can pull in their delivery of the turbocharger.

Action(s) Conducted and Results: Describe the action(s) taken to resolve the problem(s) and its effect

- a) A meeting has been scheduled with the supplier to see if an accelerated plan can be incorporated for a faster delivery of the turbocharger.

Section III. Goals and Issues for Succeeding Period:

Provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen

The only anticipated challenge that we foresee in the coming period is with the delivery of the turbocharger. If the turbo supplier keeps their anticipated delivery date, this will reduce the amount of time that the turbo-mounting supplier will have to provide a solution if we maintain our current test schedule. This will be tracked very carefully over the next 4 weeks.

Date: 9/12/11

Authorized Project Representative's Signature

NOTE: *Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.*