

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

Contract Number: 582-11-12630-3264
Grantee: EcoPower Hybrid Systems
Report for the Monthly period: April 2012 **Date Submitted:** May 8, 2012

Section I. Accomplishments

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

- Deliverable report for Task 1 was completed and sent for final approval.
- 3D modeling of the hybrid power plant is started base on prismatic cell options.
- Contact was established with subcontractors (part of “battery pack integrators” in the budget) for simulation of thermal and mechanical properties by finite element method.
- Potential suppliers were contacted and procurement process initiated.

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

- Completion and delivery of the deliverable report is related to Task 1.
- All other realizations are related to Task 2 of the project.

Section II: Problems/Solutions

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

- We have started activities and preliminary engineering related to Task 2 of this project. We are currently waiting for final approval and notice to proceed to allocate full resources to project continuation.

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

- We have started work associated with Task 2 before reception of official notice to proceed.

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

- We have started work associated with Task 2 before reception of official notice to proceed.

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

- To obtain official notice to proceed.
- To identify and secure subcontractors.
- To identify and secure long lead item suppliers.
- To complete preliminary 3D solid model respecting list of deliverables.

Date: May 8, 2012

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.*