

**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: October 2011 **Date Submitted:** November 4, 2011

Section I. Accomplishments

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

- The subcontractor for testing the cells has been contracted and 20% deposit was paid; this will be billed next month.
- All other cells companies have received purchase orders and received payment; this will be billed next month.
- 4 out of 7 cells to be evaluated (and then tested if required) are now available at testing facility. The 3 missing are planned to be received in the next weeks.
- Preliminary characterization was obtained on 2 cells
- In summary, the contingency plan to bring back the project on schedule works. We have been able to procure required cells for testing faster than expected. The work of subcontractor ECS is already started. We plan to visit in the next weeks in order to insure proper information transfer and to validate testing results. We still expect to deliver phase 1 report end of January 2012.

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

All these realizations are related to the phase one 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

- The technological risk of assembling sub-modules from cells is higher than to buy commercial sub-modules as originally anticipated.
- Anticipating an authorization to continue after phase one; the schedule remains tight for the overall project.
- No unanticipated problem was encountered

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

- We ordered 2 more cell types as contingency. As only cells meeting minimal performance criteria will be assembled in sub-modules, we wanted to be sure to be able to assemble what is required to complete the task.

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

- As stated in our last report, delay phase one delivery by 2 months does not jeopardize the final schedule. The contingency plan proposed works. We choose to be proactive in starting the engineering and adaptation of Ecopower technology using probable battery technology.

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 complete reception of the cells

To complete testing planned on 2 cell types already delivered

To complete a work plan for pack assembly and preliminary analysis for EcoPower technology adaptation based on preliminary analysis and available data.

Date: November 4, 2011

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.*