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Saft America Inc.
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Project ID: ARRAVT007

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Overview

Timeline
Project Start Date: 12/10/2009
Project End Date: 5/30/2013
Project 36% complete

Barriers
Competitive Market Place
Development of Markets for Renewable Energy

Budget
Total Project = $191,047,318
DOE/ARRA Share = $95,504,255
Contractor Share = $95,543,063

Partners
ARRA/DOE/NETL
State of Florida (EFI)
City of Jacksonville (JEDC)
Project Objectives:

- Construct and operate a 235,000 sq ft battery factory capable of manufacturing high quantities of Li-ION cells, modules, and batteries at a competitive cost to support the industrial energy, electric drive, military hybrid vehicle and other defense and aerospace markets.
- Employment of hundreds of people in well paid jobs in the Jacksonville, Florida area.
- Diverse marketing focus as we continue to assess and adapt to the commercial needs for renewable power sources.
Saft Factory of the Future

Milestones

Site Selection
NEPA
Building and Equipment Designed
Site Preparation, Construction and Equipment Procurement
Equipment Installation and Test of three production lines.
Production Line Qualification
Deliverables
Saft Factory of the Future

Accomplishments to Date

Site selected.
NEPA completed with FONSI
235,000 Sq Ft LEED Silver Building has been completed - construction of factory employed 300 workers.
Production Line 1 of highly automated equipment has been designed, procured, installed and is in the process of qualification
60 full time Jobs have been created
Saft chose our site in an area of high unemployment – Jacksonville Florida - on land that was part of a Base Realignment and Closure (BRAC) several years ago.
Site Prep began with drainage of the land and moving 75k tons of fill dirt from construction of drainage ponds.
Additionally 25k tons of dirt had to be brought in to achieve the needed floor elevation.
Groundbreaking March 2010
Construction progress

14 April 2101

24 May 2010
Construction progress

10 Jun 2010

16 Jun 2010
Construction progress

19 Jul 2010

19 Aug 2010
Construction progress

20 Sep 2010

18 Oct 2010
Construction Progress

Front entrance – office area

Interior of clean/dry room #1
Installation of coating machines
Coating machine components have arrived and are being installed in the dry rooms.
Saft Factory of the Future

Future Near Term Milestones

Complete installation of 1st production line
2nd quarter 2011

Complete qualification of first production line
2nd quarter 2011

First deliverables to Customers
3rd quarter 2011

Complete installation of 2nd production line
2nd quarter 2012
Summary

At the end of this project a 235,000 sq ft highly automated, LEED Silver, Factory of the Future will stand on land laying idle due to a BRAC.

The factory will have the capacity to delivery 2.3 million cells or the equivalent of 370 MWh of energy annually.

279 jobs directly related to the production of Li-ION batteries will be created and several hundred of jobs to support the needs of US production facility.