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Saft America Inc.
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Project ID: ARRAVT007

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Saft Factory of the Future

Overview

Timeline
Project Start Date: 12/10/2009
Project End Date: 12/30/2013
Project 60% 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.
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
Previous Accomplishments

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.
Current Accomplishments

Batteries and Containerized Energy Storage systems have been manufactured and delivered to customers both domestic and international.

Production Line 1 continuing qualification.

Production Line 2 of highly automated equipment has been designed and equipment procured.

LEED Silver Certification received.

130 full time Jobs have been created.

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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.
Groundbreaking March 2010
Construction progress

10 Jun 2010

16 Jun 2010
Construction Progress

Front entrance – office area

Interior of clean/dry room #1
Aerial View of Photovoltaic System - 1.02 MW
Coating and Rewind
Calendaring Operation
Drying Ovens
Filling Operation
Shipment of Saft’s First Containerized System - Intensium Max
Future Near Term Milestones

Complete qualification of first production line
2\textsuperscript{nd} quarter 2012

Complete installation of 2\textsuperscript{nd} production line
3\textsuperscript{rd} 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.