



Saft Factory of the Future

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Saft America Inc.
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Project ID: ARRAVT007

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Soft Factory of the Future

Overview

Timeline

Project Start Date: 12/10/2009

Project End Date: 4/30/2013

Project 7% 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)

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■ 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.



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Milestones

Site Selection

NEPA

Building and Equipment Design

**Site Preparation, Construction and Equipment
Procurement**

Equipment Installation and Test

Production Line Qualification

Deliverables

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Accomplishments to Date

Site has been selected.

Through April 2010 - 28 full time positions for critical functions have been filled.

Build and Design Firm has been selected

Building Design has been completed with goal of LEED Silver Facility

NEPA has been completed with FONSI

Site Preparation has been completed.

Facility Construction is in progress.

Development of equipment specifications/procurement in progress.

Soft 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.



First concrete for footers/foundation
being poured.



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Future Near Term Milestones

Complete building	1 st quarter 2011
Complete procurement of 1 st production line	2 nd quarter 2011
Complete qualification of first production line	2 nd quarter 2011
First deliverables	3 rd quarter 2011

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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.

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