

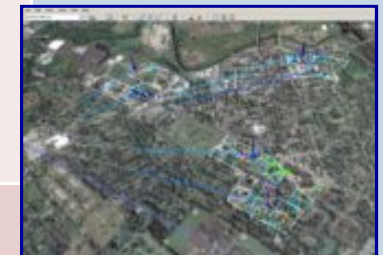
# ARRA Implementation

Energy Efficiency & Renewable Energy (EERE)  
Hanford Training

**Frank Armijo, Energy & Environment**

# Energy Efficiency & Renewable Energy (EERE) Smart Grid Grants

Utility	Size	Description	Lockheed Martin Role
Oklahoma Gas & Electric	\$293M	Advanced Metering Infrastructure	Project Lead
American Electric Power	\$150M	Distribution Automation	Cyber Security Operations Center Demonstration Prototype
Public Service Electric and Gas	\$76M	Distribution Automation	Cyber & Interoperability Services
PPL (formerly Pennsylvania Power and Light)	\$38M	Distribution Automation	Cyber Services
Rappahannock Electric Cooperative	\$31M	Advanced Metering Infrastructure	Cyber Services
Northern Virginia Electric Cooperative	\$10M	Distribution Automation	Cyber & Interoperability Services





# EERE Technical Support

## Office of Weatherization and Intergovernmental Programs

- Energy Efficiency & Conservation Block Grants
- State Energy Program
- Weatherization Assistance Program

## Federal Energy Management Program

- High Performance Sustainable Buildings Working Group

## Scope of Work

- Technical Assistance
- Strategic Planning
- Energy Analysis
- Information Technology
- Sustainability
- Training
- Facility Assessment
- Calculation Tools &
- Reporting & Tracking





# HAMMER Overview

- MSA manages HAMMER
- MSA receives no direct ARRA funding
- HAMMER aids hiring and training of up to 4,000 new employees who are ready to safely support accelerated Hanford projects



- Provide each employee timely safety, health, and discipline training (rather than normal ~6 months)
- Prepare the new employee to perform assigned tasks safely and integrate into the existing Hanford workforce



# HAMMER Implementation

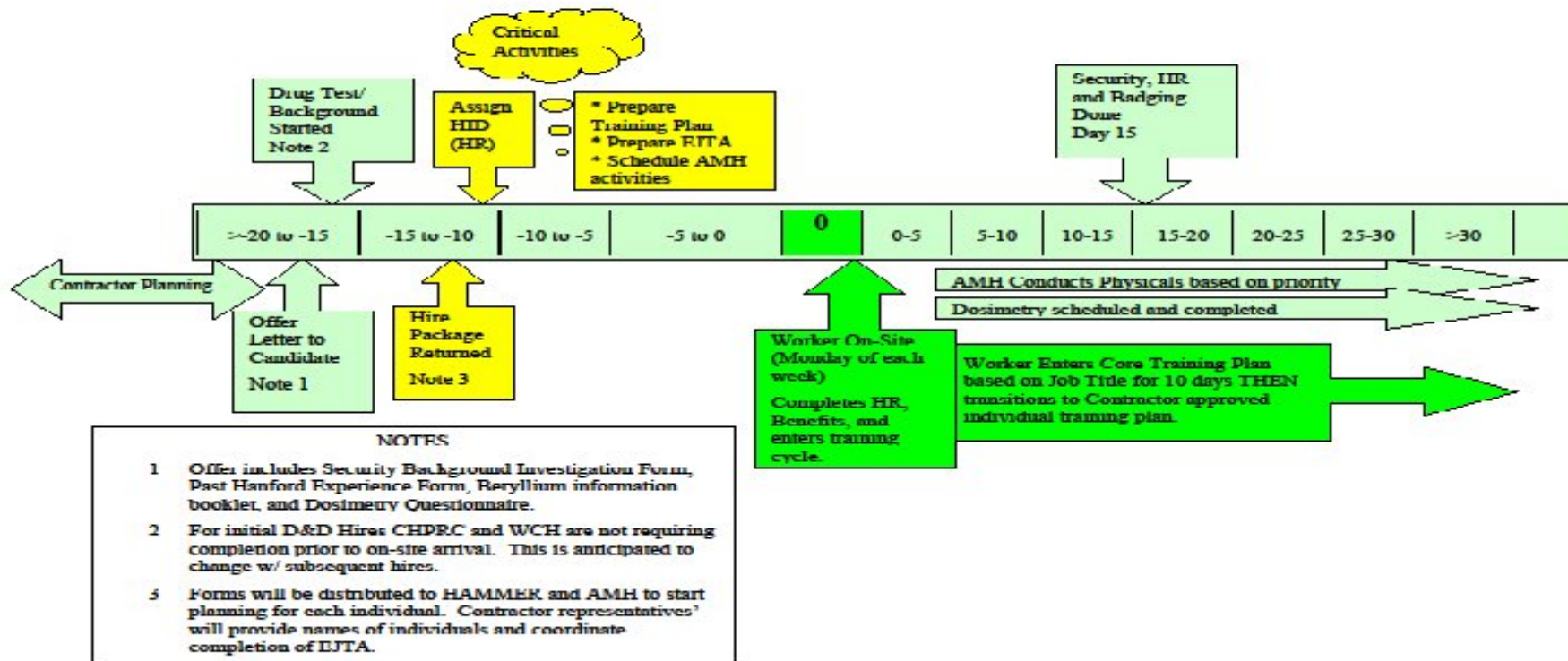
- February, 2009 – President approves Recovery Act
- February to March – Integrated Project Team established
- April – Training strategy and scheduling in place; DOE releases funding
- April 27 – First Recovery Act new hires start training at HAMMER
- Today – Safety and Training meeting and exceeding Hanford contractor needs





# Cross-Functional Teamwork

## New Hire Timeline (In Working Days)



DRAFT Material 5/28/2009/tpg





# Key Project Decisions

- Block scheduling of training wherever possible
- Implement creative facility utilization
- New course to develop safety foundation
- Utilize existing processes





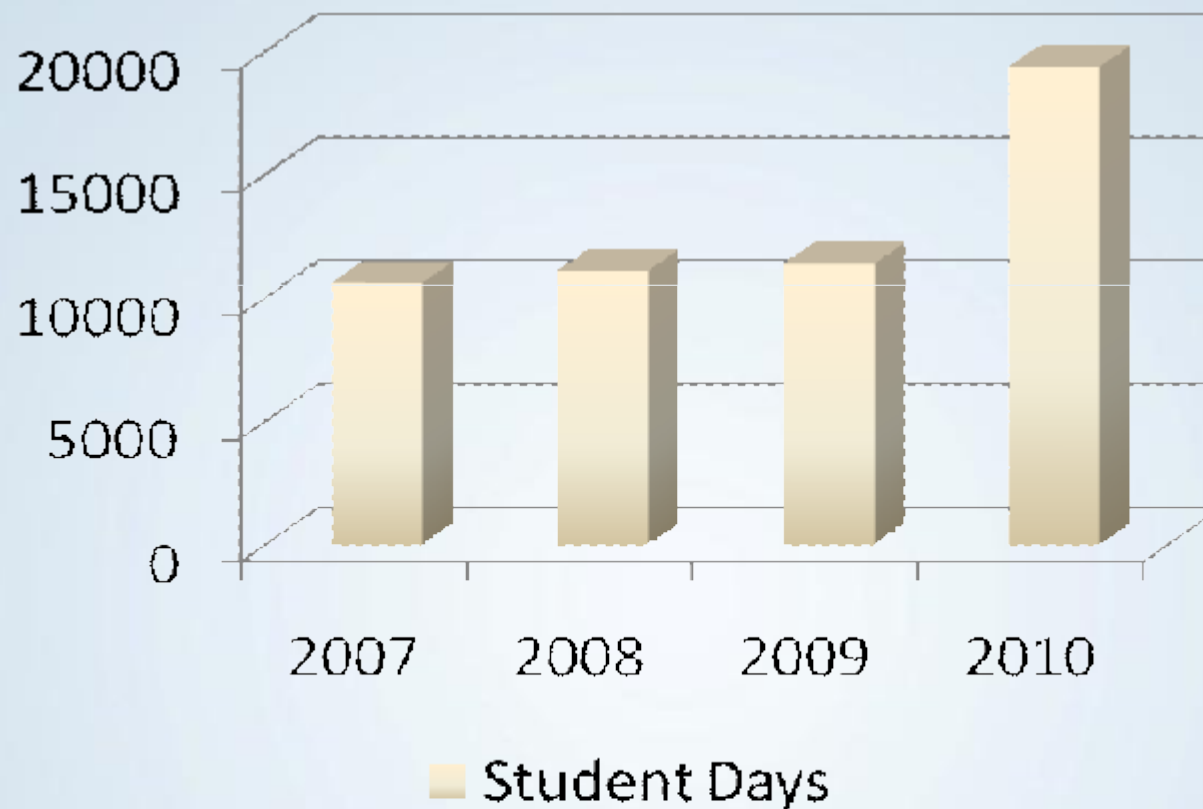
# Contractor Needs Met

- Hanford contractors established the training priorities
- Existing Hanford training workload maintained
- Each contractor provided an on-site training coordinator and training scheduler
- HAMMER assigned full-time Recovery Act Coordinator and Project Manager
- Multiple weekly meetings with training management and schedulers





# Training Completions Doubled



# The Road Ahead

- Continued Support of Hanford ARRA Priorities
- Smart Grid Utility Partnerships
- ARRA Funds for FEMP – Renewable Energy
- Energy Efficiency within Jobs Bills