DOE’s PM Approach

- Provide DOE with project information to allow DOE to adequately monitor project progress
- Consistent with management of Financial Assistance projects
- Awardee to manage project’s execution and use their standard systems while providing DOE information from your management systems
DOE’s PM Approach

- **DOE Role**
  - Monitor performance based on awardee information
  - Proactively anticipate and resolve issues that impact the project’s success
DOE is requesting a set of high level documents be provided at project initiation:

- Work Breakdown Structure (WBS)
- Responsibility Assignment Matrix
- Risk Management Plan
- Project Cost Estimate – Lifecycle
- Performance Measurement Baseline - Lifecycle
- List of Major Milestones - Lifecycle
Cost Baseline

- Cost Baseline
  - Total Project Cost – All cost associated with the project
  - Organized in format of project’s WBS
  - Budgeted cost curve over time
Performance Baselines

- Schedule Baseline
  - Project schedule
    - Major work activities associated with project
    - Key activities/milestones (project phase approvals, major procurements, key decisions required by other agencies, i.e. permitting)
  - Equivalent PM software such as Microsoft Project™ or Primavera Project™ Planner
Project Value Management System (PVMS)

- Adopts concepts and terminology of an EVMS and uses the term of Project Value Management System (PVMS)
- Provides cost and schedule performance metrics - reports progress against a project’s baseline
- Allows DOE to monitor progress
PVMS Data

- PVMS data entered monthly on the Web-Based PM Tool
  - Budgeted Cost for Work Scheduled (BCWS)
  - Budgeted Cost for Work Performed (BCWP)
  - Actual Cost of Work Performed (ACWP)
  - Budget at Completion (BAC)
  - Estimate to Complete (ETC)
**PVMS Data**

- PVMS data will be used to compute the following:
  - Schedule Variances (BCWP-BCWS)
  - Cost Variances (BCWP-ACWP)
  - Cost and Schedule Indices
**Project Reviews**

- DOE initiated project reviews (status updates)
  - At SGIG Project site at least annually
  - Teleconference
- SGIG Project-initiated review
Project Reporting

- Delivering project status and assessment information to DOE
  - Web-based PM Tool
    - Track status of SGIG projects
    - Track financial data
    - Analyze variance ratios and trends
  - Project Value Management System Data
    - Measures actual performance of work scope, cost, and schedule versus baseline
Web-based PM Tool

- Project data is input into website by SGIG Projects
- Password Protected
- SGIG Projects can only see their own data
- Allows direct input of project data and uploading of deliverables/attachments
Web-based PM Tool Data

- Project Information and Point of Contact
- Project Baselines
- Monthly Reporting of Project Status
- Project Value Management System (PVMS) Data
- Change Control
- Attachments
- Comments