



U.S. Department of Energy
Energy Efficiency and Renewable Energy

On-Site Monitoring

North Carolina EECBG Workshops

October 5-7, 2010

U.S. Department of Energy



Who was the first president to own an electric car?



**William Howard Taft - 27th President
held office from 1909-1913**

Which electric car did the first White House Chauffeur pick?

HARPER'S MAGAZINE ADVERTISER



THE "FIRST AND FOREMOST" ELECTRIC

THE BAKER was the first electric car ever built, and it is still the foremost electric. Its builders have had over the experience of most makers; not the experience shown in every detail of every Baker model.

No other electric, including no more than a dozen, has achieved so many firsts in mechanical engineering as the Baker, in order to so practical a design—so supremely known in finish and appointments. Here are some of the reasons why:

Baker Electrics

have made it a rule of construction, for almost half a century, to make the world's only complete line. We make more types of cars than any other manufacturer, and even in the best of types. The list for 1909 includes Victoria, Coupe, Roadster, Landoline, Runabout, Roadster, etc.

THE HANGING SEAT.—The idea of "Automatic of Motion" was invented and built by Baker. It is a great benefit, especially in rough roads and rough roads. No other electric can be compared with the Baker in construction of suspension.

THE SAFETY COVERING.—The electric motor drive type is not so sturdy as the Baker's. The Baker's motor drive type is not so sturdy as the Baker's. The Baker's motor drive type is not so sturdy as the Baker's.

THE MOST VERSATILE.—Baker Electrics will go uphill on a steep slope that any other make. One Baker Electric made 100 miles on a high charge, the world's record.

THE BEST TRANSMISSION.—All our models have the most perfect gear transmission—no other manufacturer ever made a drive shaft or transmission. It is made of aluminum, and is so constructed that it is practically indestructible. The efficiency of the car is largely increased. The new drive shafts, all other models and get the Baker or be in advance of all other electric cars in the world.

The public's appreciation of Baker quality and mechanical efficiency is shown by the fact that the demand for Baker Electrics exceeds the demand for all other electric cars combined. The Baker is the car that will become the standard.

Viewed on the mechanical ground, which shows the car made for the most economical transportation.

The Baker Motor Vehicle Company CLEVELAND, OHIO, U. S. A.

THE OLDEST AND LARGEST MANUFACTURERS OF ELECTRIC MOTOR CARS IN THE WORLD



When riding in electric cars kindly mention Harper's Magazine.

A Baker Electric in 1909



- Observe Grantee's monitoring procedures and processes to help assure compliance with the Terms & Conditions of the award.
- Apply program and reporting standards consistently regarding data collection and documentation of activity goals and accomplishments.
- Provide access to TAP resources to help strengthen recipients processes and procedures.





Monitoring Resources

Recovery Act Monitoring and Reporting

http://www1.eere.energy.gov/wip/recovery_act_guidance.html

Monitoring Plan for the Weatherization Assistance Program, State Energy Program, and Energy Efficiency and Conservation Block Grants

This revised guidance is in effect since March 3, 2010.

Appendix of Compliance Checklists

This document lists checklists for desktop and on-site procedures for monitoring DOE grants funded under the 2009 Recovery Act. Revised May 7, 2010.



3 Types of On-site Visits

- Regularly Scheduled Visits
- Unannounced Random Onsite Visits
- Rapid Response Onsite Visits





- Regularly Scheduled Visits
 - All 291 EECBG Recipients above \$2 million will receive a minimum of one scheduled visit each year
- Visits conducted by a team that may include Project Officers, Project Monitors, Grants and Agreements Specialists, Contracting Officers, Staff from HQ, etc...





- **Local Governments:**
 - Approximately 1-2 days of Monitoring Team on-site
 - Usually paperwork in the morning
 - Visit project sites in the afternoon
- **State/Commonwealth:**
 - Approximately 2-3 days of Monitoring Team on-site
 - Will cover paperwork showing your monitoring/management of sub-grants
 - Will cover some project site visits of sub-grantees
 - More flexible based on what is appropriate





Appendix of Compliance Checklists

- For EECBG, SEP and WAP
- Be sure to look at EECBG Section as there are differences
- Currently - 101 questions

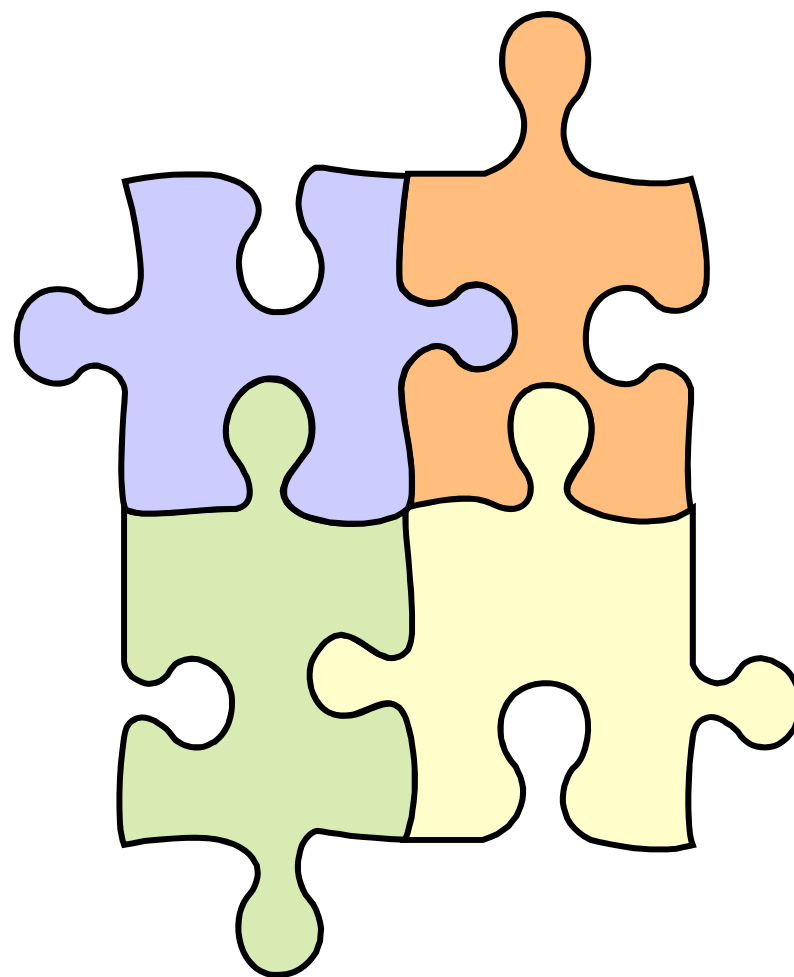
- Check with PO for checklist to use
- The Onsite Monitoring Checklist is in PAGE and can be downloaded for you by your Project Officer for review





Important Sections

- Management
- Finance
- Procurement
- Reporting
- Programmatic





Checklist Questions



Management

- Contractor/Sub monitoring & management
- Fraud, waste & abuse prevention
- Monitoring of vehicles and equipment purchased with EECEBG funds



Financing

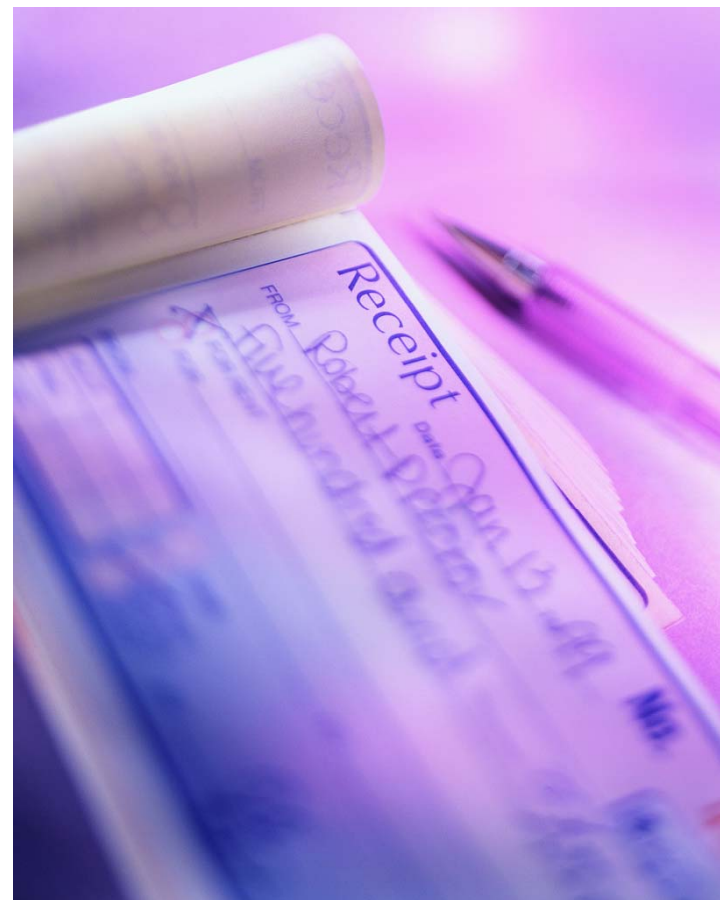
- Written financial operations manual
- Regular, independent audit
 - EECBG review
 - System in place that tracks auditing findings, projections, recommendations, and corrective actions
- Financial monitoring system capable of tracking and reporting Recovery Act funds separately from leveraged/other funds
- Personnel expenses





Procurement

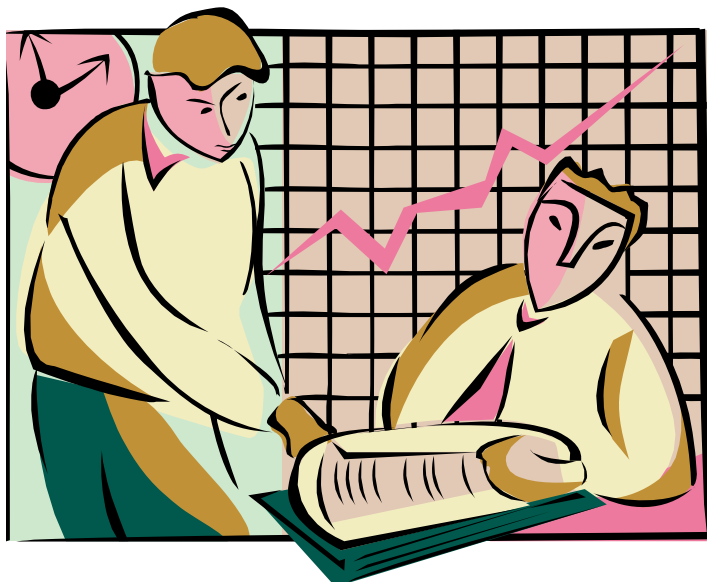
- Process in Writing
- Compliance with your own procurement policies
- Compliance with 10 CFR 600
 - Competition
 - Small, minority, women's
- Achieving the most economical purchase that is compliant with grant terms





Reporting

- Federalreporting.gov
 - Review / QA check of sub info reported
 - Jobs calculation
 - Employment impact in narrative



- Other Reporting – PAGE
 - Quarterly
 - Monthly (for recipients with award more than \$2 million)
- Reporting Compliance



Programmatic

- Davis-Bacon
- Buy American
- National Environmental Policy Act (NEPA)
- National Historical Preservation Act
- Retention of records
- Measurement and Verification
- Identification and dissemination of best practices
- Visits to work sites





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Questions?



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