

Department of Energy  
Washington, DC 20585

May 10, 2010

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Summary of OMB Recovery Act reporting requirements into FederalReporting.gov and Department of Energy Specific reporting requirements

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This memo communicates guidance related to jobs created or retained under the American Recovery and Reinvestment Act of 2009 to American Recovery and Reinvestment Act (ARRA) recipients. Program Offices are requested to share this memo with recipients, Budget and ARRA personnel.

The provisions of this guidance apply to prime recipients named in a Notification of Grant Award as the recipients of financial assistance under the Department of Energy (DOE) Fossil Energy Program and select sub-recipients as determined by the prime recipient. **NOTE:** This guidance applies solely to those performance metrics associated with Recovery Act-supported Fossil Energy Program activities. This guidance is supplemental to the guidance issued by the Office of Management and Budget (OMB) and does not satisfy or replace the requirement to report to OMB in accordance with Section 1512 of the Recovery Act to [FederalReporting.gov](http://FederalReporting.gov).

The monthly reporting requirements for FE recipients outlined by this guidance are authorized under a six-month emergency approval by OMB of an emergency Information Collection Request (ICR) that expires on **TBD**.

If DOE seeks renewal of this emergency monthly collection it will engage OMB 4 months after approval date to begin a dialogue on burden impact and introducing a risk-tiered model where selected recipients could return to quarterly reporting. FE will add the monthly CCPI collection of information to next ICR submission. In most cases, monthly data will be used internally for managerial purposes only,

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but where DOE does intend to publicize monthly data, it will clearly indicate it to be "preliminary/informal and subject to change".<sup>1</sup>

## OVERVIEW OF RECOVERY ACT RECIPIENT REPORTING

As a recipient of American Recovery and Reinvestment Act (ARRA) funding from the Department of Energy (DOE), your organization is responsible for delivering on the goals of the Act: a commitment to create jobs quickly, on good projects, that will make a down payment on the nation's energy and environment future, and to provide an unprecedented level of transparency and accountability in government spending.

As part of this commitment to transparency and accountability, recipients of DOE ARRA contracts and grants are required to report to the White House Office of Management and Budget (OMB) via [FederalReporting.gov](http://FederalReporting.gov) on a quarterly basis. This government-wide reporting requirement focuses on job creation and financial information.

In addition to the [FederalReporting.gov](http://FederalReporting.gov) requirements, DOE will directly collect more detailed project data on a quarterly or monthly basis from contract, grant and loan guarantee recipients to ensure responsible project implementation. The reporting frequency and specific data requirements will be communicated through reporting guidance issued by respective DOE program offices.

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<sup>1</sup> DOE will engage OMB if seeking renewal of emergency monthly collections at four months from approval date for those collections, begin a dialogue on burden impact and introducing a risk-tiered model where selected recipients could return to quarterly reporting.

**Table 1: Reporting Requirements by the White House’s Office of Management and Budget and the Department of Energy for all ARRA recipients.**

Reporting	OMB’s FederalReporting.gov	DOE
Frequency	- Quarterly Reporting	- Monthly/ Quarterly Reporting*
Information	- Jobs - Select Financials - Project Status	- Jobs - Select Financials* - Impact Metrics* - Projected Milestones*
Method	Reporting submitted through <a href="https://www.federalreporting.gov/federalreporting/">https://www.federalreporting.gov/federalreporting/</a> , options include: - Upload an excel document - Enter data directly or - Upload an XML document	- Please see program guidance for specific reporting requirements
Help Resources	- <u>DOE Recovery Act Clearinghouse</u> ( <a href="https://recoveryclearinghouse.energy.gov">https://recoveryclearinghouse.energy.gov</a> or 1-888-363-7289) - <a href="http://www.energy.gov/recovery/ARRA_Reporting_Requirements.htm">http://www.energy.gov/recovery/ARRA_Reporting_Requirements.htm</a> - <a href="https://www.federalreporting.gov/federalreporting/downloads.do">https://www.federalreporting.gov/federalreporting/downloads.do</a>	- Please see program guidance for specific reporting requirements
Grant or Loan Recipient Guidance	- <a href="http://www.whitehouse.gov/omb/assets/memoranda_fy2009/m09-21.pdf">http://www.whitehouse.gov/omb/assets/memoranda_fy2009/m09-21.pdf</a> & <a href="http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-08.pdf">http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-08.pdf</a> - <a href="http://www.energy.gov/recovery/documents/1512_Grant_Loan_Recipients_Instructions.pdf">http://www.energy.gov/recovery/documents/1512_Grant_Loan_Recipients_Instructions.pdf</a>	- Please see program guidance for specific reporting requirements
Contractor Guidance	- <a href="https://www.acquisition.gov/far/current/html/52_200_206.html#wp114499">https://www.acquisition.gov/far/current/html/52_200_206.html#wp114499</a> - <a href="http://www.energy.gov/recovery/documents/1512_Contractor_Instructions.pdf">http://www.energy.gov/recovery/documents/1512_Contractor_Instructions.pdf</a>	- Please see program guidance for specific reporting requirements
Major Job Requirements	- Recipients will report solely on direct jobs funded from Recovery Act contracts, grants, loans and other forms of assistance - Grant or Loan recipients should report jobs created and retained at both the prime recipient and sub-recipient level - FAR Regulations require recipients of Federal <i>contracts</i> to report only jobs created and retained by the prime contractors - Jobs are calculated based on the reporting quarter as Total Hours worked/funded by Recovery Act in the Quarter divided by Hours in a Full Time Schedule	- The DOE job data will include the total number of Direct FTE, the Private Sector Cost-Share percentage, the total number of direct FTE (DOE plus Cost Share), Total Hours Worked and a brief description of the types of jobs created and retained. - DOE will collect actual jobs created at both the prime recipient/contractor and sub-recipient/contractor level. - DOE job reporting will account for jobs created both from direct DOE Recovery Act funds and from non-federal funds that were brought off the sideline as a direct result of DOE funds. DOE program offices will collect data on jobs created from non-federal cost-share portion of project

\*Please see program guidance for specific reporting requirements for these sections.

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## Appendix 1: Reporting Definitions

Below is a list of the most common reporting terms used in this document:

Cost Share: Many Recovery Act projects are funded in part by DOE Recovery Act funds and in part through capital from recipients, non-government organizations and state and local governments, among others. Cost share is the percentage of total project costs that are funded through non-federal funds. Equations for calculating cost share are under DOE Job Calculations section below.

Delegation of Reporting: In some instances, prime recipients may delegate certain reporting requirements to sub-recipients for those data items that related to sub-recipient activity. The reporting sub-recipients must also report any payments to vendors greater than \$25,000, including the Duns number of the vendor. The prime recipient is responsible to design and implement a process that prevents double counting errors.

Direct Jobs: Jobs expressly created or retained through implementation of a Recovery Act-supported project.

*FederalReporting.Gov Definition:*

An estimate of the number of jobs created and jobs retained in the United States or outlying areas<sup>2</sup>. At a minimum, this estimate shall include any new positions created and any existing filled positions that were retained to support or carry out Recovery Act projects, activities, or federally awarded contracts managed directly by the recipient or federal contractor. The number shall be expressed as “full-time equivalent” (FTE), calculated as total hours worked in the reporting quarter divided by the total number of hours in a full-time schedule in that quarter, as defined by the recipient.

*For Recovery Contract recipients:* Recipients of Recovery Act contracts are required to report the number of jobs created and retained on projects managed by the funding contract. Contract recipient should not report jobs or delegate reporting responsibility to subcontractors.

*For Recovery Grant or loan recipients:* Recipients of grants, cooperative agreements, and loans must include the aggregate number of jobs created and retained on projects and activities managed by their funding recipients. Prime recipients are required to generate estimates of job impact by directly collecting

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<sup>2</sup> As used in this instruction, United States means the 50 States, the District of Columbia and outlying areas (See Appendix 3 for full list).

specific data from sub-recipients and vendors<sup>3</sup> on the total FTE resulting from a sub-award.

*Department of Energy Definition:*

“Full-time equivalent” (FTE) will also be used as DOE’s primary job metric. In addition to FTEs, DOE ARRA recipients will be asked to report total hours worked in the reporting quarter.

*For ARRA Contract recipients:* Recipients of ARRA contracts are expected to report direct jobs created from ARRA funds at the primary contractor AND sub-contractor level. Contractors should not include direct job counts from vendors.

*For ARRA Grant or Loan recipients:* As with FederalReporting.gov requirement, recipients of ARRA grants are expected to report jobs created and saved at the primary recipient and sub-recipient level.

Jobs Created and Retained: ‘Previous guidance required recipients to make a subjective judgment on whether a given job would have existed were it not for the Recovery Act. The updated guidance eliminates this subjective assessment and defines jobs created or retained as those funded in the quarter by the Recovery Act. Jobs funded with non-Recovery Act funds will not be counted unless they will be reimbursed (See OMB Memorandum M-10-08 Section 5.9). Jobs funded partially with Recovery Act funds will only be counted based on the proportion funded by the Recovery Act (See OMB Memorandum M-10-08 Section 5.5).’

Non-Federal funds: Funds from non-Federal sources such as private, state or local Government, or any sources that are not the Department of Energy or any other federal entity. These funds should be used in the execution of a Recovery Act-supported project.

Prime Contractor: refers to a non-federal organization that has entered into a procurement contract with DOE that requires the prime contractor to provide services and/or supplies.

Recipient: refers to a non-federal organization receiving Recovery Act funding (grants, loans, or cooperative agreements) directly from the Federal Government.

Sub-Contractor: A non-federal organization that receives Recovery Act funds from a Prime Contractor to carry out a Federal program – not a program beneficiary.

Sub-recipient: A **sub-recipient** is a non-Federal entity that expends Federal awards received from another entity to carry out a Federal program but does not include an

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<sup>3</sup> Job estimates regarding vendors or sub-recipients should be limited to direct job impacts for the vendor and not include “indirect” or “induced” jobs. Recipients should not attempt to report on the employment impact on materials suppliers and central service providers (so-called “indirect” jobs) or on the local community (“induced” jobs).

individual who is a beneficiary of such a program.<sup>4</sup>

Vendors<sup>5</sup>: A **vendor** is defined as a dealer, distributor, merchant or other seller providing goods or services that are required for the conduct of a Federal program. Recipients or sub-recipients may purchase goods or services needed to carry out the project or program from vendors. Vendors are not awarded funds by the same means as sub-recipients and are not subject to the terms and conditions of the Federal financial assistance award. The characteristics of a vendor that make it distinct from a sub-recipient are summarized below. A vendor:

- (1) Provides the goods and services within normal business operations;
- (2) Provides similar goods or services to many different purchasers;
- (3) Operates in a competitive environment;
- (4) Provides goods or services that are ancillary to the operation of the Federal program; and
- (5) Is not subject to compliance requirements of the Federal program.

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<sup>4</sup> Refer to OMB Circular A-133 for additional information and definitions. OMB Circular A-110, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and other Non-profit Organizations, as codified in 2 CFR 215, provides further clarification on the definition of a sub-recipient.

<sup>5</sup>To clarify the difference between a Vendor and a Sub-Recipient please see section .210 of the Office of Management and Budget Circular No. A-133 for further guidance on distinguishing between a sub recipient and a vendor. <http://www.whitehouse.gov/omb/rewrite/circulars/a133/a133.html>.

## Appendix 2: FederalReporting.gov Reporting

### Overview

Per Section 1512 of the Recovery Act, Office of Management and Budget requires recipients of Recovery Act contracts, grants, loans and other forms of assistance to report quarterly on select financial and jobs information in an OMB-managed database (FederalReporting.gov).

Recipient reports required by Section 1512 of the Recovery Act will answer important questions, such as:

- Who is receiving Recovery Act dollars and in what amounts?
- What projects or activities are being funded with Recovery Act dollars?
- What is the completion status of such projects or activities and what impact have they had on job creation and retention?

Registration in FederalReporting.gov is required of all recipients who receive Recovery Act awards, and sub-recipients who have been delegated to report on Recovery Act projects by a recipient. Before recipients can enter data on FederalReporting.gov, they must complete a one-time registration. Registration can be completed at any time and requires a DUNS number and Central Contract Registration (CCR)

Data must be submitted 1-10 days after the end of every fiscal quarter. Days 11-21 are available for recipients to review and edit the data loaded by the 10<sup>th</sup>. On Days 22-29, DOE reviews all information that recipients report through FederalReporting.gov to identify material omissions or significant reporting errors and will work recipients to correct the data before the reporting period closes. On the 30<sup>th</sup>, the data is available to the general public on Recovery.gov.

Data can be submitted by:

- 1) Uploading an excel document available for download on FederalReporting.gov,
- 2) Entering data directly into FederalReporting.gov, or
- 3) Submitting an XML document.

The first collection of data was collected through FederalReporting.gov in October 2009. Prime Contractors, Prime Recipients, and selected Sub-Recipients must complete reporting no later than 10 days following the end of the quarter in which the award is made. For example, if the award was made on December 29, 2009, a recipient needed to register and report in the January reporting period, even if no financial transactions have yet taken place. Data from each reporting period is made available to the public at Recovery.gov:

<http://www.recovery.gov/Transparency/RecipientReportedData/Pages/RRData.aspx>

### General FederalReporting.gov Guidance

Recipients of Federal Assistance Awards: Guidance for FederalReporting.gov requirements is located here:

[http://www.whitehouse.gov/omb/assets/memoranda\\_fy2009/m09-21.pdf](http://www.whitehouse.gov/omb/assets/memoranda_fy2009/m09-21.pdf)  
[http://www.whitehouse.gov/omb/assets/memoranda\\_2010/m10-08.pdf](http://www.whitehouse.gov/omb/assets/memoranda_2010/m10-08.pdf)  
[http://www.energy.gov/recovery/documents/1512\\_Grant\\_Loan\\_Recipients\\_Instructions.pdf](http://www.energy.gov/recovery/documents/1512_Grant_Loan_Recipients_Instructions.pdf)

Recipients of Federal Contracts: Guidance for FederalReporting.gov reporting requirements is located here:

[https://www.acquisition.gov/far/current/html/52\\_200\\_206.html#wp114499](https://www.acquisition.gov/far/current/html/52_200_206.html#wp114499)  
[http://www.energy.gov/recovery/documents/1512\\_Contractor\\_Instructions.pdf](http://www.energy.gov/recovery/documents/1512_Contractor_Instructions.pdf)

DOE Recovery Act Clearinghouse Call Center: DOE has set up a Recovery Act Clearinghouse (<https://recoveryclearinghouse.energy.gov> or 1-888-363-7289) to answer questions about OMB reporting requirements. The purpose of the DOE Recovery Act Clearinghouse is to help increase the availability of information about DOE's American Recovery and Reinvestment Act of 2009 (ARRA) activities. The Clearinghouse will provide initial consultations, and also make referrals when appropriate to other information sources (websites, documents, DOE staff, etc).

The Recovery Act Clearinghouse is open Monday through Friday, 9 a.m. to 7 p.m. Eastern Standard Time. Services are offered at no charge to the public.

DOE Reporting Webinars: DOE has webinars available on reporting requirements for FederalReporting.gov before each reporting period. The webinar schedules for reporting period will be available at:

[http://www.energy.gov/recovery/ARRA\\_Reporting\\_Requirements.htm](http://www.energy.gov/recovery/ARRA_Reporting_Requirements.htm)

## **Federalreporting.gov Jobs Reporting Guidance**

A major component of the Recovery Act is creating and saving jobs. Therefore, emphasis has been placed on collecting accurate and actual data on direct job figures from all recipients. The following section summarizes the major jobs calculations issues.

Financial assistance and contractor recipients are subject to different reporting guidance. Financial assistance awardees -- grants and cooperative agreements -- must follow OMB guidance, while contractors follow the Federal Acquisition Regulations (FAR).

Therefore financial assistance recipients and contractors submit different job figures

- Financial assistance recipients (Recipients and selected Sub recipients): Recipients should report **actual** jobs created and retained as a single combined number; algorithm or multiplier techniques should not be used. Recipients must submit information at both the prime and sub-recipient level; prime recipients are responsible for collecting and reporting job figures at the prime and sub levels but may delegate other reporting tasks to sub-recipients at their discretion. Recipients with cost share agreements should report job figures based *only* on the Federal portion of the investment
- Contractors (Prime Contractors): Contractors should report **actual** jobs created and retained as a single combined number. Contractors must only submit prime contractor job figures.

All jobs data required by OMB should be submitted as part of FederalReporting.gov requirements online at <https://www.federalreporting.gov/federalreporting/home.do>.

Job figures should be based on direct jobs created and funded by the Recovery Act. The first collection of direct job figures was collected through FederalReporting.gov in October 2009, with data made available to the public at Recovery.gov: <http://www.recovery.gov/Transparency/RecipientReportedData/Pages/RRData.aspx>

### Federalreporting.gov Jobs Calculations

The jobs reporting to FederalReporting.gov should be expressed as “full-time equivalents” (FTEs), which is calculated as total hours worked in the reporting quarter divided by the number of hours in a full-time schedule in that quarter, as defined by the recipient..

$$\text{FTE} = \frac{\text{Total hours worked in jobs created or retained within reporting quarter}}{\text{Quarterly Hours in a Full-time Schedule}}$$

A brief description of the types of jobs created or retained should be provided by the recipient with the job data entered into federalreporting.gov.

**Note: This guidance is subject to change in future quarters as OMB issues new guidance.**

**Example:**

Assume Recipient is preparing its report and defines a full time schedule as 2080 hours per year or 520 hours worked per quarter.

Figure 1. Example of Job Calculations for FederalReporting.gov

	Hours for the Quarter
Employee 1	520
Employee 2	520
Employee 3	260
Total:	1,300
Full Time schedule per Employee	520
<u>Calculation:</u>	
1300/ 520 = 2.5 FTEs	

If needed, recipients should adjust job numbers to reflect partial Recovery Act funding. To do this, recipients need to determine the percentage of hours worked and paid for by DOE Recovery Act funds as a percentage of all funding. For example, if the recipient received \$60 million in DOE recovery funds and another \$40 million for outside

investors, the reporting recipient would multiply the total project FTEs by 60% (e.g. 60% x 2.5 = 1.5 FTEs).

### **FederalReporting.gov Timeline**

Thus far, ARRA recipients have submitted two quarterly reports (in Oct 2009 and January 2010) on financial and job data to FederalReporting.gov thus far. Recipients must begin reporting in the reporting period for the quarter in which the award was made. The following example outlines April as a typical reporting period timeline:

#### Phase 1: April 1 – April 10, 2010 (10 days) -

- Recipients prepare reporting data
- Recipients submit report(s) by April 10 (11:59 PM Pacific Time)

#### Phase 2: April 11 – April 21, 2010 (10 days)

- Recipients review data submitted by their Sub Recipients
- Recipients can update reports until April 21 (11:59 PM Pacific Time)
- Recipients and Sub recipients work together through any potential report corrections
- Awarding Agencies have access to view reports submitted by Recipients

#### Phase 3: April 22 – April 29, 2010 (8 days)

- Awarding Agencies review Recipient reports submitted (or updated in Phase 2) and provide comments as necessary on select reports
- Recipients and Sub recipients work together on corrections identified/comments made by the Awarding Agencies  
Agency Reviewers can comment on reports and Recipients can respond/update reports until April 29 (11:59 PM Pacific Time)

#### Phase 4: April 30

Recipient reports publicly posted on Recovery.gov

Similar timelines will be held in subsequent quarters. Federalreporting.gov submission will be required on a quarterly basis until the project is complete and all funds expended.

### **Common FederalReporting.gov Questions**

In addition, field by field instructions as well as comprehensive FAQs are available on the DOE Recovery website at

[http://www.energy.gov/recovery/ARRA\\_Reporting\\_Requirements.htm](http://www.energy.gov/recovery/ARRA_Reporting_Requirements.htm).

## Appendix 3: DOE ARRA REPORTING

DOE will collect data on job creation, financial expenditures, project management and project impact beyond what is required by OMB. This will allow the Department to meet its responsibilities to be transparent with the public on the use of taxpayer money and provide a more complete picture of the impact of DOE-funded programs.

The Department of Energy will be **collecting four types of information:**

- **Job Data:** DOE would like to capture a more comprehensive picture of the total impact DOE-funded programs have on the labor market and supporting a “green economy.” For contract recipients, this includes sub-contractor job figures and for all recipients, this includes total hours worked for the performance period and the non-federal fund cost-share component of ARRA projects. These data points are in addition to FTE reporting.
- **Financials:** Financial reporting allows DOE to ensure that funds are spent responsibly and at a pace to maximize job creation. For DOE Financial Reporting Guidance consult program / project specific guidance.
- **Project impact metrics:** In order for DOE to understand the impact of ARRA projects on the DOE’s energy and environment goals, some projects will be expected to report on project-specific impact metrics (e.g. CO2 abated, kilowatt hour savings achieved, etc).
- **Milestone Baseline and Progress Reporting:** Collecting data on project milestones allows DOE and recipients to track performance against their plan and ensure the timely execution and allocation of resources to ARRA projects.

### DOE Jobs Reporting Guidance

This section provides recipients guidance on the DOE collection of direct job created and saved from ARRA outside of FederalReporting.gov. While OMB requires ARRA recipients to report job data to FederalReporting.gov on a quarterly basis, it only requires recipients to report on a subset of jobs created by DOE Recovery Act funds.

In order to capture comprehensive job figures, DOE has additional data collection requirements. These data will better enable the Department to track the number of actual jobs created under the Recovery Act and transparently show the American public how Recovery Act programs are helping create jobs and spur sustainable, economic growth.

Internal DOE job collection differs from FederalReporting.gov in:

- OMB requires recipients of Federal contracts to report jobs created by primary contractors only. DOE will collect quarterly FTEs jobs created at the prime and subcontractor levels.

DOE will collect the total hours worked (i.e. numerator in the FTE calculation) for the period of performance associated with FTEs provide by all recipients that report to FederalReporting.gov (grant recipients, grant sub-recipients, prime contractors) and subcontractors that report directly to DOE program offices.

- DOE job reporting aims to monitor jobs created directly from DOE Recovery Act funds and from the non-federal funds investment brought off the sideline as a direct result of DOE funds. The DOE program offices will also collect data on **jobs created from non-federal funds cost-share portion of project**.

On a quarterly basis, DOE ARRA recipients (grant prime and sub-recipients and prime contractors) are required to report job data for Recovery funded projects to FederalReporting.gov (Appendix 2). In addition to FederalReporting.gov, recipient will be required to report additional job data not captured in FederalReporting.gov (i.e. subcontractor FTEs, total hours worked for most recent period of performance and updated cost share figures) to DOE Program Offices. While recipients and contractors should use monthly job collection as a method to maintain updated figures for quarterly reports, recipients will only be required to report job data on a quarterly basis to DOE Program Offices. Program Offices have worked to develop data collection methods that impose the minimum burden on recipients. In cases where Program Offices elect to collect jobs information beyond the DOE direct jobs requirement (e.g. vendor level job information), the program must report the supplemental information separate from direct jobs.

The job data reported to DOE Program Office will include at a minimum:

- Total hours worked associated with FTEs reported to FederalReporting.gov (i.e. numerator in the FTE equation);
- Total number of Direct FTEs for Sub-contractors (not reported to FR.gov);
- Total hours worked associated with Direct FTEs for Sub-contractors;
- The Non-federal fund cost-share percentage; and
- Brief description of the types of jobs created and retained.

The Program Office is expected to perform a quality check of recipient data. The Program must determine whether the number of Recipient jobs reported is reasonable. If Recipient-reported information seems unreasonable the program will follow up with the recipient to ensure a submission error was not made.

<b>Table 2: Example of Job Data Collected by Program Offices</b>							
<b>Award Number</b>	<b>Recipient</b>	<b>Direct FTE reported to FR.gov</b>	<b>Total Hours Worked Associated with FR.gov FTE</b>	<b>Private Sector Cost-Share</b>	<b>Total Direct FTEs- DOE + Private Sector Funds</b>	<b>Total Hours Worked</b>	<b>Types of Jobs Created</b>
<b>9999999</b>	<b>Recipient Name</b>	<b>2.5 FTE</b>	<b>1,300</b>	<b>50%</b>	<b>5 FTE</b>	<b>2,600 Hours</b>	<b>Brief description of job type</b>

- Please note that this table does not include sub-contractor FTEs. If there were jobs created at the sub-contractor level during the reporting period, recipient should also report Direct FTEs at the sub-contractor level and total hours worked associated with sub-contractor FTEs.

Please see DOE Jobs Calculations section for calculations for this table.

***Recipients, please reference specific Program Office job reporting guidance at the end of this report for details on the date and method by which to submit job data.***

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## **DOE Jobs Calculations**

The jobs reported to DOE program offices should be expressed in OMB's measurement of quarterly "full-time equivalents" (FTEs). The important difference is that total hours worked should include jobs at both the prime contractor and sub-contractor level. Furthermore, recipients should also include the cost-share portion of the project and the number of direct jobs created for the entire project.

Note: there are multiple data points that must be reported to DOE

- FTEs
  - o Sub-Contractor
  - o Cost Share
- Total Hours

### **FTEs from Federal Recovery Funds**

DOE funded FTE=  $\frac{\text{Total hours worked in Jobs Created from DOE Recovery Act funds}}{\text{Number of Hours in Sector Specific Full-time Schedule}}^6$

### **Cost Share**

Cost Share=  $\frac{\text{Total Cost of Recovery Act-Supported Project} - \text{DOE Recovery Act funds}}{\text{Total Cost of Recovery Act-Supported Project}}$

Or in other terms,

Cost Share =  $\frac{\text{Non-federal Funds invested in Recovery Act- Supported Project}}{\text{Total Cost of Recovery Act -Supported Project}}$

### **Total FTEs (from federal + non-federal funds) from Recovery Act Supported Project**

Total FTE=  $\frac{\text{Total Hours Worked on Recovery Act-Supported Project}}{\text{Number of Hours in Sector Specific Full-time Schedule}}$

### **Total Hours Worked**

**Total Hours Worked**\_ The total number of hours worked by recipient on Recovery Act-Supported Projects. Total Hours worked should include hours at both the prime contractor/recipient and sub-contractor and sub-recipient level. Furthermore, total hours worked should also include the cost-share portion of the project.

### **Example of Job Calculations for DOE:**

Assume Recipient is preparing its second report and defines a full time schedule as 2080 hours per year or 520 hours worked per quarter.

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<sup>6</sup> Full-time schedule is determined by recipient and should be noted in their report.

Figure2. Example of Job Calculations for internal DOE reporting

DOE Funded Employees	Period 2 (10/1 – 12/31)
Employee 1	520
Employee 2	520
Employee 3	260
Total:	1,300
Full Time schedule per Employee	520
<u>Total DOE funded FTEs:</u> 1300/ 520 = 2.5 JOBS	
Non-Federal Funded Employees	Period 2 (10/1 – 12/31)
Employee 1	520
Employee 2	520
Employee 3	260
Total:	1,300
Full Time schedule per Employee	520
<u>Total Non-Federal FTEs:</u> 1,300/ 520 = 2.5	
<b>TOTAL FTEs</b> 2.5 DOE funded FTEs + 2.5 non-Fed funded FTEs = 5	

Total Hours Worked =  
DOE + Non-Federal funded hours = 1,300 hours + 1,300 hours = 2,600 hours

## **DOE Impact Metrics Reporting**

As Recovery Act funds are expended, the Department is working to provide transparency in the overall effect these funds have on the Administration's broader energy and environment goals. Program Offices will communicate the specific list of impact metrics for each project to recipients in their own program guidance.

Impact metrics are intended to demonstrate the down payment made through the Recovery Act on our future clean energy economy including the increased deployment of energy efficiency, renewable energy, carbon capture and sequestration, alternative transportation, nuclear cleanup, smart grid technology, and scientific innovation. See Appendix 1 for a complete list of ARRA impact metrics.

Depending on the impact metric, data may need to be tracked on a one-time, quarterly or monthly basis (as identified in Appendix 2). DOE Program Offices have established program guidance on how to submit data.

***Recipients, please reference specific Program Office job reporting guidance at the end of this report for details on whether you need to report specific impact metrics for your project.***

## **DOE Milestone Baseline and Progress Reporting**

As part of the Department's continued efforts to improve the management and execution of the Recovery Act, Program Offices will be required to provide select information typically found in Resource Loaded Schedules (RLSs) to the Chief Financial Office (CFO). This information will allow the DOE to corporately track the top-funded Recovery Act projects and ensure the timely execution and allocation of resources across the Department.

Only 34 Recovery Act projects are required to submit RLS data—these projects were selected based on dollar value of the project. See Appendix X for a complete listing of projects and CFO guidance on RLS data submission.

## Appendix 4: Program Office Guidance

### DOE Job Collection

Recipients will provide job data through their resource loaded schedules on a quarterly basis. We will collect sub-contractor FTEs and total hours worked (associated with FR.gov FTEs, sub-contractors, and cost share).

### Project Impact Metrics

Appendix 2 outlines the metrics that DOE is tracking on a project by project basis. Program Offices may choose to track metrics above and beyond the agency's metrics, depending on the nature of the program.

FE recipients will be expected to report impact metrics on:

Annual tons of CO <sub>2</sub> e emissions abated	At selection
Tons of CO <sub>2</sub> e emissions abated	At selection
MW of coal with CCS capacity	At selection

DOE will collect this information at the time of selection.

## Appendix 5: Templates

### DOE Impact Metrics

(Note to Program Offices: Please fill in list with impact metrics you are tracking by project. Please add lines if there is more than one metric for the program)

Project	Metrics	Reporting Frequency
1705 Credit Subsidy	Tons of CO2e emissions abated	At selection
	MW of renewable energy capacity added	At selection
	MWh of annual electricity generation added	At selection
	MW of renewable energy manufacturing capacity (finished products)	At selection
	Miles of transmission lines initiated	At selection
	Gallons of annual biofuels capacity	At selection
	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
Advanced Energy Manufacturing Tax Credits	MW of renewable energy manufacturing capacity (finished products)	At selection
	Number of vehicles worth of manufacturing capacity (finished batteries)	At selection
All EM projects	Cubic meters of mixed and low level waste disposed	Monthly
	Facility square footage demolished	Monthly
	Demolition debris and soil permanently disposed	Monthly
	Transuranic waste permanently disposed at WIPP	Monthly
	Square miles of footprint reduced	Monthly
ARPA-E	Number of research projects	At selection
ATVM	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
	Number of advanced vehicles (new or upgraded)	At selection
	Number of vehicles worth of manufacturing capacity (finished batteries)	At selection
Battery Manufacturing	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
	Number of vehicles worth of manufacturing capacity (finished batteries)	At selection
Bonneville Power Administration	Miles of transmission lines initiated	At selection
Carbon Capture and Storage	Annual tons of CO2e emissions abated	At selection
	Tons of CO2e emissions abated	At selection
	MW of coal with CCS capacity	At selection
Clean Cities AFV Grant Program	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
	Number of advanced vehicles (new or upgraded)	At selection

<b>Program</b>	<b>Metrics</b>	<b>Reporting Frequency</b>
Commercial Scale Biorefinery Projects	Gallons of annual biofuels capacity	At selection
	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
EE Appliance Rebate Programs	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
EE Conservation Block Grant Program	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
Energy Frontier Research Centers	Number of research projects	At selection
Energy Sciences Fellowships and Early Career Awards	Number of research projects	At selection
Expand and Extend Clean Coal Power Initiative Round III	Annual tons of CO2e emissions abated	At selection
	Tons of CO2e emissions abated	At selection
	MW of coal with CCS capacity	At selection
Geothermal Demonstrations	Tons of CO2e emissions abated	At selection
	MW of renewable energy capacity added	At selection
	MWh of annual electricity generation added	At selection
Grants in lieu of tax credits	Tons of CO2e emissions abated	At selection
	MW of renewable energy capacity added	At selection
	MWh of annual electricity generation added	At selection
Ground Source Heat Pumps	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
Home Energy Efficiency Improvement Tax Credits	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
Industrial Carbon Capture and Storage Applications	Annual tons of CO2e emissions abated	At selection
	Tons of CO2e emissions abated	At selection
	MW of coal with CCS capacity	At selection
Moab Recovery Act Project	Rail-cars of uranium mill tailings disposed	Monthly
	Tons of uranium mill tailings disposed	Monthly

<b>Program</b>	<b>Metrics</b>	<b>Reporting Frequency</b>
Modify Integrated Biorefinery Solicitation Program for Pilot and Demonstration Scale Biorefineries	Gallons of annual biofuels capacity	At selection
	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
SBIR/STTR	Number of research projects	At selection
Smart Grid Investment Program	Percent of electricity distribution systems will be able to assess and respond in real-time to grid disturbances	Quarterly
	Number and percentage households and businesses with real-time knowledge of their energy use and the tools to manage it	Quarterly
	Percent of electricity transmission systems will be able to assess and respond in real-time to grid disturbances	Quarterly
Smart grid regional demonstrations	Percent of electricity distribution systems will be able to assess and respond in real-time to grid disturbances	Quarterly
	Number and percentage households and businesses with real-time knowledge of their energy use and the tools to manage it	Quarterly
	Percent of electricity transmission systems will be able to assess and respond in real-time to grid disturbances	Quarterly
State Energy Program	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
Transportation Electrification	Gallons of fuel replaced	At selection
	Tons of CO2e emissions abated	At selection
	Number of advanced vehicles (new or upgraded)	At selection
WAPA Recovery	Miles of transmission lines initiated	At selection
Weatherization Assistance Program	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
Weatherization Innovation Pilot Program	Number of units weatherized	Quarterly
	Energy costs saved	Quarterly
	Tons of CO2e emissions abated	Quarterly
	Kilowatt hours saved	Quarterly
	Other Btus saved	Quarterly
	Number of units (homes, businesses, schools, gov't buildings) weatherized	Quarterly

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