

# The DOE Sustainability Dashboard



U.S. DEPARTMENT OF  
**ENERGY**



**September 13, 2016**

**DOE Sustainability Performance Office**

# The DOE Sustainability Dashboard



The Sustainability Performance Office (SPO) launched the DOE Sustainability Dashboard (Dashboard) to serve several functions for DOE sustainability data reporting.

- ✓ Maintain historical data sets for each DOE site and national laboratory
- ✓ Collect current year data, consistent with processes established in previous year's reporting cycles
- ✓ Provide DOE sustainability personnel analytic tools for managing sustainability at their site or within their program

# 2016 Sustainability Training Schedule



U.S. DEPARTMENT OF  
**ENERGY**

Date	Time	Event
September 1 <sup>st</sup> , 2016	2:00-4:00 pm EST	Dashboard Overview Presentation
September 13 <sup>th</sup> , 2016	2:00-4:00 pm EST	Dashboard Overview Presentation
September 19 <sup>th</sup> to December 6 <sup>th</sup>	2:00-3:00 pm EST	Open Line Help Calls on Tuesdays and Thursdays
Throughout reporting cycle.		SPO will provide site or program training as needed

# 2016 Sustainability Reporting Schedule



U.S. DEPARTMENT OF  
**ENERGY**

Date	Action
August 29 <sup>th</sup> , 2016	Dashboard opens for FY 2016 data entry
October 3 <sup>rd</sup> , 2016 to October 7 <sup>th</sup> , 2016	SPO to upload locked FIMS data (basic info, EUI, metering, and GB) into Dashboard
November 1 <sup>st</sup> , 2016 to December 8 <sup>th</sup> , 2016	SPO to QA/QC data and work with sites to finalize FY 2016 data for December 9 <sup>th</sup> entry closing of Dashboard
November 11 <sup>th</sup> , 2016	FY 2016 energy and water intensity square footage snapshot and Dashboard Excluded Bldg List report generated for Self-Certification
December 9 <sup>th</sup> , 2016	Dashboard closes for FY 2016 data entry
December 23 <sup>rd</sup> , 2016	Dashboard snapshot for OMB/CEQ/FEMP annual reporting
February 1 <sup>st</sup> , 2017	Dashboard will reopen for FY 2017 reporting

# Dashboard User Account



- Using your email as your username, check to see if you already have an account created
- If you already have a Dashboard account request a password change and NOT a new account
- Sites and program can have as many accounts as needed
- Sites should also create accounts for managers to approval final data submissions

# FY 2016 Reporting Process Changes



U.S. DEPARTMENT OF  
**ENERGY**

- All data will be reported through the Dashboard
- Square footage calculations will be completed in the Dashboard with a FY 2016 snapshot date of November 11th
- Facilities should be benchmarked and release to CTS for FY 2016 by end of December to ensure weather normalization credit
- Submissions will be certified by a manager in the Dashboard or by a certification letter

# Dashboard – Home Page



U.S. DEPARTMENT OF  
**ENERGY**



Reports ▾

Data ▾

SPOFOA

Help

1

Wednesday, July 27, 2016

Log in ▾ Register

## 2 QUICK-START LINKS What would you like to do?



Enter  
Data



Review  
Flagged  
Data



Create  
a Report



View  
OMB Scorecard



View  
Completion  
Status



Manage  
Profile

## 3 Notification Center

Please Log In to view any active notifications

### Message to Users

The DOE Sustainability Dashboard is scheduled to be online for FY 2016 reporting with improved data collection capabilities and incorporation of EO 13693, Planning for Federal Sustainability in the Next Decade.

The Sustainability Performance Office (SPO) is available at the email below to assist with sustainability questions and reporting process.

Thanks,

DOE Sustainability Performance Office  
[sustainability@hq.doe.gov](mailto:sustainability@hq.doe.gov)

## IMPORTANT DATES

4

11/10/2015 - FIMS closes for Data Entry

11/20/2015 - FAST closes for Data Entry

12/07/2015 - All sustainability data due to SPO

## RESOURCES

5

Dashboard User Guide

Dashboard Quick Start Guide

2016 SSP Guidance

CEDR Technical Support Document

7



# Data Entry Home Page



U.S. DEPARTMENT OF  
**ENERGY**



Reports ▾

**Data** ▾

Administration ▾

SPOFOA

Help

| Thursday, July 28, 2016 | Log Out

## Data Entry Home

Site:  ▾

Select a category below to begin entering sustainability data

### Facilities

Energy	1			
Water	2			
Renewables	3			
Green Buildings				
Metering & Benchmarking				
Facility Goal Category				
<i>Building Inventory Change</i>				
<i>Net Zero</i>				
Site-Level Policy Tracker				

### Travel & Commute

Air Travel			
Ground Travel			
Commute			
Site-Level Policy Tracker			

### Vehicles & Equipment

Non-Fleet Vehicles & Equipment Fuel			
Fugitives & Refrigerants			
Fleet Vehicles Fuel			
Fleet Vehicles Inventory			
Fleet Vehicles Mileage			
Site-Level Policy Tracker			

### Waste

Municipal Solid Waste			
Waste Diversion			
Wastewater Treatment			
Site-Level Policy Tracker			



# Dashboard - Data Entry



U.S. DEPARTMENT OF  
**ENERGY**

Welcome, joshua.kaplan@hq.doe.gov | Tuesday

[Home](#) | [Reports](#) | [Data](#) | [Administration](#) | [SPOFOA](#) | [Help](#)

←
Data Entry Module
Site: Demo Site

**Facilities**

[Energy](#)

[Water](#)

[Renewables](#)

[Green Buildings](#)

[Metering](#)

[New Buildings](#)

---

**Vehicles & Equipment**

[Non-Fleet Vehicles & Equipment Fuel](#)

[Fugitives & Refrigerants](#)

[Fleet Vehicle Fuel](#)

[Fleet Vehicle Inventory](#)

---

**Travel & Commute**

[Air Travel](#)

[Ground Travel](#)

[Commute](#)

---

**Waste**

[Municipal Solid Waste](#)

[Waste Diversion](#)

[Wastewater Treatment](#)

---

**Evaluations & Measures**

[Covered Facilities](#)

[Audits & Evaluations](#)

[Conservation & Efficiency Measures](#)

**Facilities Energy Consumption and Cost**

Site: Demo Site

PSO: D-Program

Site #: 1

Category: -- Choose One --

Subcategory: -- Choose a Category --

Main Site Zip Code: 11111

Square Feet:  

Purchased or On-Site Generated Non-Renewable: Purchased

Fuel/Material: -- Choose a Category --

Data Entry Period Type:  Fiscal Year by Quarter  Fiscal Year by Month

Fiscal Year: 2016

Usage Unit: Choose a Category first

Q1 (October - December) Amount:	0	Q1 Cost (1,000 \$):	0
Q2 (January - March) Amount:	0	Q2 Cost (1,000 \$):	0
Q3 (April - June) Amount:	0	Q3 Cost (1,000 \$):	0
Q4 (July - September) Amount:	0	Q4 Cost (1,000 \$):	0

Billing Reference (Optional):

	Has Comments	Subcategory	Category	Purchased/Fuel/Units	Usage	
					Q1	Q2
Select <input type="checkbox"/> Delete <input type="checkbox"/>		Electricity	Target Goal Subject Buildings	Purchased Grid Megawatt Hour	Q1	1,000.0
					Q2	1,000.0
					Q3	1,000.0
					Q4	1,000.0
					Total	4,000.0
Select <input type="checkbox"/> Delete <input type="checkbox"/>		Natural Gas	Target Goal Subject Buildings	Purchased 1,000 Cubic Feet (Mcf)	Q1	0.00
					Q2	0.00
					Q3	0.00
					Q4	0.00
					Total	0.00

# Dashboard – QA/QC



QA / QC Module
Site: National Renewable Energy Laboratory

**Facilities**

- Energy
- Water
- Renewables
- Facility Goal Category
- Metering & Benchmarking
- Green Buildings
- Building Inventory Change
- Net Zero**
- Site-Level Policy Tracker

**Vehicles & Equipment**

- Non-Fleet Vehicles & Equipment Fuel
- Fugitives & Refrigerants
- Fleet Vehicles Fuel
- Fleet Vehicles Inventory
- Fleet Vehicles Mileage
- Site-Level Policy Tracker

**Travel & Commute**

- Air Travel
- Ground Travel
- Commute
- Site-Level Policy Tracker

**Waste**

- Municipal Solid Waste
- Waste Diversion
- Wastewater Treatment
- Site-Level Policy Tracker

**Evaluations, Measures, & Funding**

- Audits & Evaluations
- Conservation & Efficiency Measures**
- Performance Contracts
- Appropriations/Direct Obligations
- Training & Education
- Site-Level Policy Tracker

**Elec. Stewardship & Data Centers**

- Electronics Acquisition
- Electronics Operations
- Electronics End-of-Life

**Filters**

Frequency:  Category:  Subcategory:  Fuel:  Unit:

Native units are not available as a filter unless a Subcategory is chosen.

Change Threshold Percentage Value on the right to display flags for data changes that exceed that value  %  Start Period:

QA/QC

Legend: Total

Category	Subcategory	Fuel	Units	Period	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Target Excluded Buildings	Electricity	Grid	MTCO2e	Annual	No Data	No Data	No Data	No Data	No Data	2,561.96943	2,702.96704	3,291.78106	2,337.98016	2,194.45062	2,005.28111	2,003.71809	251.22298	No Data
Target Excluded Buildings	Natural Gas		MTCO2e	Annual	No Data	No Data	No Data	No Data	No Data	0	0	0	0	0	0	No Data	No Data	No Data
Target Goal Subject Buildings	Electricity	Grid	MTCO2e	Annual	13,968.56264	13,391.79643	13,937.88213	14,259.0922	15,063.10154	16,103.76993	15,348.3862	15,803.82617	17,290.3865	17,405.00598	17,556.31348	22,149.05543	6,305.58536	No Data
Target Goal Subject Buildings	Natural Gas		MTCO2e	Annual	2,375.40146	2,471.20533	2,643.56411	2,980.83176	3,420.95128	3,495.47753	3,196.22681	3,681.62948	3,361.75583	3,902.15298	3,806.07631	2,512.85513	No Data	No Data
Target Goal Subject Buildings	Natural Gas	Natural Gas	MTCO2e	Annual	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	1,532.72664	No Data
<b>Total</b>					<b>16,343.9641</b>	<b>15,863.00176</b>	<b>16,581.43624</b>	<b>17,239.92396</b>	<b>18,484.05282</b>	<b>22,161.21689</b>	<b>21,247.58005</b>	<b>22,777.23671</b>	<b>22,990.12249</b>	<b>23,501.60958</b>	<b>23,367.6709</b>	<b>26,665.62865</b>	<b>8,089.53498</b>	<b>0</b>

- Allows users to view historical data, see trends, and identify errors, anomalies or significant data variances
- The QA/QC Module is available for all Data Entry pages

10

## 1. Water:

- New drop-downs for Sub-categories;
- Upload documents field for Aquifer Recharge;
- Description field for On-site Alternative Water Source

## 2. Electronics Acquisition:

- Option to list a standard or certification other than EPEAT;
- A description or web link for the certification is required for verification by the SPO

# Dashboard – New Pages



U.S. DEPARTMENT OF  
**ENERGY**

1. Green Buildings
2. Metering & Benchmarking
3. Building Inventory Change
4. Facility Goal Category
5. Fleet Vehicle Mileage
6. Appropriations/Direct Obligations
7. Training & Education
8. Climate Resilience
9. Site-Level Policy Tracker

- Dashboard has several newly developed pages for facility-related data that replicate FIMS fields.
  - FIMS will continue to be the primary system for basic facility characteristics and FRPP fields (HPSB). The Dashboard will be updated with this information quarterly/annually.
  - All non-FRPP fields will be removed from FIMS after the FY 2016 reporting.
- For all data points, updates will be made in FIMS until September 30<sup>th</sup>, when FIMS closes for data entry. Afterwards, from October 10<sup>th</sup> to November 10<sup>th</sup>, sites will be able to continue making updates to non-FRPP fields in the Dashboard. The Dashboard will take the Square Footage Snapshot on November 11<sup>th</sup>.

# New Pages – Facility Goal Category



U.S. DEPARTMENT OF  
**ENERGY**



Reports

Data

Administration

SPOFOA

Help

Thursday, August 04, 2016 | Log Out



Data Entry Module

Site: National Renewable Energy Laboratory

<<< View Full QA/QC

## Facilities

- Energy
  - Water
  - Renewables
  - Green Buildings
  - Metering & Benchmarking
  - Facility Goal Category
  - Building Inventory Change
  - Net Zero
  - Site-Level Policy Tracker
- ## Vehicles & Equipment
- Non-Fleet Vehicles & Equipment Fuel
  - Fugitives & Refrigerants
  - Fleet Vehicles Fuel
  - Fleet Vehicles Inventory
  - Fleet Vehicles Mileage
  - Site-Level Policy Tracker
- ## Travel & Commute

## Facility Goal Category

PSO: EE Site: National Renewable Energy Laboratory Site #: 5001

Fiscal Year: 2015 Quarter: Q4 Property Type: All

Ownership: All Outgrant Indicator: All Count OSF:  Count Outgrant:

Search Property Name:  Update Search Filter

	Property Name	Property ID	Excluded Facilities SqFt	Non-Energy Consuming Facility SqFt	Non-Water Consuming Facility SqFt (Optional)	Exclusion Part	Exclusion Justification
Edit Select	Fuel Drum Storage Shed	RTD-01	208	0	0	D - Essentially only lighting	Lighting only.
Edit Select	Joyce Street	6800	0	0	0		
Edit Select	Modular Environmental Mass Metrology Lab	RTD-02	0	0	0		
Edit Select	Office Building 16	16	85906	0	0	F - Lease some energy provided	Partial utilities. Large
Edit Select	Office Building 52/3	52/3	25586	0	0	C - Fully serviced lease	All utilities included in

- Collects and maintains info on how facility square footage will be applied to the EUI, WUI, and EISA §432 goals
- Sites can update applicable fields within FIMS until mid-September when the fields will be locked. After FIMS lock, data in the Dashboard will be updated to capture inventory changes and updates made within FIMS. Any additional edits must occur in the Dashboard.
- Use filters to sort through building data. The “Edit” button allows you to edit a specific building in the table. The “Select” button brings you to the Facility Overview page.

# New Pages – Green Buildings



## Data Entry Module

Site:  <<< View Full QA/QC

- Facilities**
- Energy
- Water
- Renewables
- Green Buildings**
- Metering & Benchmarking
- Facility Goal Category
- Building Inventory Change
- Net Zero
- Site-Level Policy Tracker
- Vehicles & Equipment**
- Non-Fleet Vehicles & Equipment Fuel
- Fugitives & Refrigerants
- Fleet Vehicles Fuel
- Fleet Vehicles Inventory
- Fleet Vehicles Mileage
- Site-Level Policy Tracker
- Travel & Commute**
- Air Travel
- Ground Travel
- Commute
- Site-Level Policy Tracker
- Waste**
- Municipal Solid Waste
- Waste Diversion
- Wastewater Treatment
- Site-Level Policy Tracker
- Evaluations, Measures, & Funding**

**Green Buildings**

PSO (Lead):  Site:  Site #:  Fiscal Year:

2015 Property Type:  Ownership:  FRPP Sustainability:  Sust-Guiding Principle %:

All Search Property Name:

Property Name	Property ID	Approach	Sust-Assessment Year	Sust-Cert Level Received	Sust-Goal	Sust-Guiding Principle %	Sust-LEED Project ID	Sust-Planned Compliance Year	FRPP Sustainability
Fuel Drum Storage Shed	RTD-01				X				Not Subject to Goal
Joyce Street	6800				N		9999		Not Subject to Goal
Office Building 16	16				N		9999		Not Subject to Goal
Office Building 52/3	52/3				N		9999		Not Subject to Goal
ReFUEL Facility	REFUEL FACILITY				X				Not Subject to Goal
Washington, DC Office - FY13	DC-NEW2				N		9999		Not Subject to Goal
DFC BLDG. 41 W 6th Ave & Kipling St.	ACO06147								Not Subject to Goal
WHSE Bldg 94 W 6th Ave and Kipling St	ACO05069								Not Subject to Goal
2.5 MW Dynamometer Spin Test Facility	255				N		2022		Not Yet Evaluated
248 Trailer	126250				X				Not Subject to Goal
249 Trailer	126251				X				Not Subject to Goal
250 Trailer	125253				X				Not Subject to Goal
257 Trailer	126252				X				Not Subject to Goal
5 MW Dynamometer Facility	258				N				Not Yet Evaluated

- Allows you to view Green Buildings information as it was entered into FIMS
- Only editable field is a description of how green building compliance is tracked



# New Pages – Metering & Benchmarking



U.S. DEPARTMENT OF  
**ENERGY**

Thursday, August 04, 2016 | Log Out

Home Reports Data Administration SPOFOA Help

← Data Entry Module Site: National Renewable Energy Laboratory <<< View Full QA/QC

**Facilities**

- Energy
- Water
- Renewables
- Green Buildings
- Metering & Benchmarking**
- Facility Goal Category
- Building Inventory Change
- Net Zero
- Site-Level Policy Tracker

**Vehicles & Equipment**

- Non-Fleet Vehicles & Equipment Fuel
- Fugitives & Refrigerants
- Fleet Vehicles Fuel
- Fleet Vehicles Inventory
- Fleet Vehicles Mileage
- Site-Level Policy Tracker

**Travel & Commute**

**Metering & Benchmarking**

PSO: EE Site: National Renewable Energy Laboratory Site #: 5001 Fiscal Year: 2015 Quarter: Q4

Report Type: Metering Status View: Compress Property Type: All Ownership: All Utility Metered:

- Electricity
- Natural Gas
- Chilled Water
- Steam
- Hot Water
- Fuel Oil
- Other
- Renewable Energy
- Potable Water
- ILA Non-Potable Freshwater
- On-Site Alternative Water

Search Property Name:  Update Search Filter

## *Report Type: Metering Status*

- Update utility metering status for each currently metered facility
- Use the filters to sort through the building. The “Edit” button allows you to edit a specific building in the table that appears below the filters. The “Select” button brings you to the Facility Overview page.

# New Pages – Metering & Benchmarking



U.S. DEPARTMENT OF  
**ENERGY**

Thursday, August 04, 2016 | Log Out

Home Reports Data Administration SPOFOA Help

## Data Entry Module

Site: National Renewable Energy Laboratory <<<< View Full QA/QC

**Facilities**

- Energy
- Water
- Renewables
- Green Buildings
- Metering & Benchmarking**
- Facility Goal Category
- Building Inventory Change
- Net Zero
- Site-Level Policy Tracker

**Vehicles & Equipment**

- Non-Fleet Vehicles & Equipment Fuel
- Fugitives & Refrigerants
- Fleet Vehicles Fuel
- Fleet Vehicles Inventory
- Fleet Vehicles Mileage
- Site-Level Policy Tracker

**Travel & Commute**

**Metering & Benchmarking**

PSO: EE Site: National Renewable Energy Laboratory Site #: 5001 Fiscal Year: 2015 Quarter: Q4

Report Type: Metering Status View: Compress Property Type: All Ownership: All Utility Metered:

- Electricity
- Natural Gas
- Chilled Water
- Steam
- Hot Water
- Fuel Oil
- Other
- Renewable Energy
- Potable Water
- ILA Non-Potable Freshwater
- On-Site Alternative Water

Search Property Name:  Update Search Filter

## *Report Type: Metering Prioritization*

- Update planned meter installation data
- Use the filters to sort through the building. The “Edit” button allows you to edit a specific building in the table that appears below the filters. The “Select” button brings you to the Facility Overview page.

# New Pages – Facility Overview



**Facility Overview**

<- Back to Previous Page

PSO (Lead): EE Site: National Renewable Energy Laboratory Site #: 5001 Fiscal Year: 2015 Quarter: Q4

**FIMS Facility Information**

Property Program Office	Property Site Name	Property Name	Property ID	Real Property Unique ID	Property Type	Ownership	Outgrant Indicator	Status	Status Date	Gross/Rentable SqFt
EE	National Renewable Energy Laboratory - Cole Blvd	Fuel Drum Storage Shed	RTD-01	206557	Building	DOE Owned (O)	N	Operating		208

**Energy Usage Intensity (EUI) & Water Usage Intensity (WUI) Goal**

Goal Subject Facilities SqFt	Excluded Facilities SqFt	Non-Energy Consuming Facility SqFt	Non-Water Consuming Facility SqFt	Exclusion Part	Exclusion Justification Comment
0	208	0	0	D - Essentially Only Lighting	Lighting only.

**EISA 432**

Covered Facility?	Benchmarking Status	Benchmarking System	Describe Other Benchmarking System
Not Covered	-- Select One --	-- Select One --	

**Green Buildings FIMS Information**

Sust-Approach	Sust-Assessment Year	Sust-Cert Level Received	Sust-Goal	Sust-Guiding Principle %	Sust-LEED Project ID	Sust-Planned Compliance Year	FRPP Sustainability
			X				Not Subject to Goal

**Metering Overview**

EPAct Appropriate Facility?	# of asset level energy meters?	# of energy sub-meters?	# of asset level water meters?	# of water sub-meters	# of asset level renewables?	Justification for no asset level meter
-- Select One --						

**Metering Information Uses**

Billing Allocation	Building tune-up and load management	Ongoing Commissioning	Measurement & Verification	Benchmarking	Diagnostic
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Appears when you “Select” a specific facility from the Facility Goal Category, Metering & Benchmarking, or Green Buildings pages
- Update or enter EUI/WUI Goal, EISA 432, Net Zero, or Metering data for chosen facility. Green Building data is pulled from FIMS.

# New Pages – Facility Overview



Metering Details								
Energy								
Utility Metered	Metering Status	Date Correct Function Was Verified	Functionality Status	Meter Type	Estimated Cost for Installation	Prioritization Option	Estimated Date of Installation	Utility Consumption Amount
Chilled Water	Metered-Advanced				0			TBD
Coal	Not Used				0			TBD
Electricity	Metered-Advanced				0			TBD
Fuel Oil	Not Used				0			TBD
Hot Water	Metered-Advanced				0			TBD
Natural Gas	Not Used				0			TBD
Other	Not Used				0			TBD
Steam	Not Used				0			TBD
Water								
Utility Metered	Metering Status	Date Correct Function Was Verified	Functionality Status	Meter Type	Estimated Cost for Installation	Prioritization Option	Estimated Date of Installation	Utility Consumption Amount
ILA Non-Potable Freshwater	Metered-Advanced				0			TBD
Potable Water	Metered-Standard				0			TBD
Renewables								
Renewable Energy System	Metering Status	Date Correct Function Was Verified	Functionality Status	Meter Type	Estimated Cost for Installation	Prioritization Option	Estimated Date of Installation	Utility Consumption Amount
STM - RFHP, STM - RSF I roof top, STM - RSF II roof top, STM - Parking Garage roof top, STM - Visitor Parking Lot	Metered-Advanced				0			TBD

- The second half of the Facility Overview page has all the metering status and prioritization data for the chosen facility
- Update or enter information in the appropriate fields

# New Pages – Building Inventory Change



U.S. DEPARTMENT OF  
**ENERGY**

## Data Entry Module

Site: National Renewable Energy Laboratory

- Facilities**
  - Energy
  - Water
  - Renewables
  - Facility Goal Category
  - Metering & Benchmarking
  - Green Buildings
  - [Building Inventory Change](#)
  - Net Zero
  - Site-Level Policy Tracker
- Vehicles & Equipment**
  - Non-Fleet Vehicles & Equipment Fuel
  - Fugitives & Refrigerants
  - Fleet Vehicles Fuel
  - Fleet Vehicles Inventory
  - Fleet Vehicles Mileage
  - Site-Level Policy Tracker
- Travel & Commute**
  - Air Travel
  - Ground Travel
  - Commute
  - Site-Level Policy Tracker
- Waste**
  - Municipal Solid Waste
  - Waste Diversion
  - Wastewater Treatment
  - Site-Level Policy Tracker

**Building Inventory Change**

PSO (Lead): EE Site: National Renewable Energy Laboratory Site #: 5001 Fiscal Year: 2015

Report Type: FIMS AAIM New Buildings Property Type: All HQ Concurrence: All

Search Property Name:  Update Search Filter

Property Name	Property ID	For compliance Sec 438 of EISA	For compliance with DOE O 436.1	For compliance with Sec 433 of EISA and EO 13693	For facilities which design for construction (CD-1 or lower) began BEFORE August 10, 2012	For facilities which design for construction (CD-1 or lower) began ON or AFTER August 10, 2012 but before September 9, 2013	For facilities which design for construction (CD-1 or lower) began ON or AFTER September 9, 2013 but before September 24, 2015	For facilities which design for construction (CD-1 or lower) began ON or AFTER September 24, 2015	For facilities which design for construction (CD-1 or lower) began ON or AFTER September 24, 2015		
		If >5,000 SqFt, will it maintain or restore pre-development hydrology?	What GP equivalency will the building achieve?	If >5,000 SqFt, will the facility be designed to achieve energy and water or waste net-zero?	Estimated percentage below ANSI/ASHRAE/IESNA Standard 90.1-2004 in terms of energy use	If not at least 30% below ANSI/ASHRAE/IESNA Standard 90.1-2004, will design achieve maximum level of energy efficiency that is life-cycle cost-effective?	Estimated percentage below ANSI/ASHRAE/IESNA Standard 90.1-2007 in terms of energy use	If not at least 30% below ANSI/ASHRAE/IESNA Standard 90.1-2007, will design achieve maximum level of energy efficiency that is life-cycle cost-effective?	Estimated percentage below ANSI/ASHRAE/IESNA Standard 90.1-2010 in terms of energy use	If not at least 30% below ANSI/ASHRAE/IESNA Standard 90.1-2010, will design achieve maximum level of energy efficiency that is life-cycle cost-effective?	Estimated percentage below ANSI/ASHRAE/IESNA Standard 90.1-2013 in terms of energy use
				<input type="checkbox"/> Energy Net-Zero <input type="checkbox"/> Water Net-Zero <input type="checkbox"/> Waste Net-Zero							

- Collects data on new construction and major renovations; requirements for meeting HPSB, EAct 2005, 30% better than ASHRAE, EISA Sec. 438 Stormwater Design, and E.O. 13693 Net-Zero Design goals
- “FIMS AAIM Facility Info” is pulled directly from FIMS and uploaded annually

# New Pages – Fleet Vehicle Mileage



U.S. DEPARTMENT OF  
**ENERGY**



Reports ▾

**Data** ▾

Administration ▾

SPOFOA

Help

| Wednesday, July 27, 2016 | Log Out



## Data Entry Module

Site:

[<<< View Full QA/QC](#)

### Facilities

Energy  
Water  
Renewables  
Green Buildings  
Metering & Benchmarking  
Facility Goal Category  
**Building Inventory Change  
Net Zero**  
Site-Level Policy Tracker

### Vehicles & Equipment

Non-Fleet Vehicles & Equipment Fuel  
Fugitives & Refrigerants  
Fleet Vehicles Fuel  
Fleet Vehicles Inventory  
**[Fleet Vehicles Mileage](#)**

### Fleet Mileage (Data from FAST)

PSO:

Site:

Site #:

Fleet Parent:

Fleet Name:

Fiscal Year:

Vehicle Exemption	Vehicle Type	Ownership	Fleet Segment	Mileage
Covered	Ambulances	Agency Owned	Overall Fleet Costs	0
Covered	Ambulances	Commercially Leased	Overall Fleet Costs	0
Covered	Ambulances	GSA Leased	Overall Fleet Costs	0
Covered	Armored	Agency Owned	Armored	0
Covered	Armored	Commercially Leased	Armored	0

- Allows site's to view/track Fleet Vehicle Mileage
- Data uploaded from FAST. No data entry in Dashboard.

# New Pages – Appropriations & Direct Obligations



U.S. DEPARTMENT OF  
**ENERGY**

Wednesday, July 27, 2016 | Log Out



Reports ▾

Data ▾

Administration ▾

SPOFOA

Help



Data Entry Module

Site: National Renewable Energy Laboratory

<<< View Full QA/QC

- Facilities**
- Energy
- Water
- Renewables
- Green Buildings
- Metering & Benchmarking
- Facility Goal Category
- Building Inventory Change**
- Net Zero**
- Site-Level Policy Tracker
- Vehicles & Equipment**
- Non-Fleet Vehicles & Equipment Fuel
- Fugitives & Refrigerants
- Fleet Vehicles Fuel
- Fleet Vehicles Inventory
- Fleet Vehicles Mileage
- Site-Level Policy Tracker
- Travel & Commute**
- Air Travel
- Ground Travel
- Commute
- Site-Level Policy Tracker

**Appropriations & Direct Obligations**

Site: National Renewable Energy Laboratory

PSO: EE

Site #: 5001

Data Entry Period: Fiscal Year

Type: 2016

Category: Appropriations & Direct Obligations

	Obligations for facility energy & water efficiency improvements, including surveys/audits (1,000 \$)	Estimated annual energy savings anticipated from obligations		Estimated annual water savings anticipated from obligations	
		Cost Savings (1,000 \$)	Energy Savings (Million BTUs)	Cost Savings (1,000 \$)	Water Savings (1,000 Gallons)
Actual FY+0 (2016)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Projected FY+1 (2017)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Projected FY+2 (2018)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Reset Options

Has Comments	FY Data Type	Cost Saved/\$ Invested	BTU Saved/\$ Invested	Gal Saved/\$ Invested
<input type="checkbox"/>	No Data	0	0	0

- Tracks appropriated and direct funded energy and water efficiency improvements along with their associated projected and actual savings as required by Eos and OMB Circular A-11
- Enter data into the appropriate fields



# New Pages – Training & Education



[Home](#) | [Reports](#) | [Data](#) | [Administration](#) | [SPOFOA](#) | [Help](#)
| Wednesday, July 27, 2016 | [Log Out](#)

← **Data Entry Module**
Site:  [View Full QA/QC](#)

**Facilities**

- Energy
- Water
- Renewables
- Green Buildings
- Metering & Benchmarking
- Facility Goal Category
- Building Inventory Change**
- Net Zero**
- Site-Level Policy Tracker

**Vehicles & Equipment**

- Non-Fleet Vehicles & Equipment Fuel
- Fugitives & Refrigerants
- Fleet Vehicles Fuel
- Fleet Vehicles Inventory
- Fleet Vehicles Mileage
- Site-Level Policy Tracker

**Travel & Commute**

- Air Travel
- Ground Travel
- Commute
- Site-Level Policy Tracker

**Training & Education**

Site:

PSO:

Site #:

Data Entry Period Type:

Fiscal Year:

Category:

Employee Type	If Contractor, Name	Number of Employees Trained & Educated	Cost (1,000 \$)	Type(s) of Training & Education
Add <input type="text" value="-- Select --"/>				

# of Certified Energy Managers:

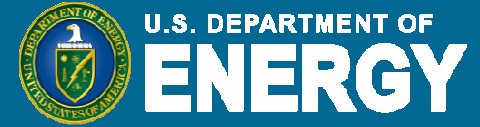
Additional Information (Optional):

[Reset Options](#)

Has Comments	Employee Type	If Contractor, Name	# of Employees Trained & Educated	Cost (1,000 \$)	\$/Employee
<input type="checkbox"/>	No Data		0	0	0

- Covers a broad range of training related to sustainability for management and operations. This page allows you to track any training or education received by federal or contractor employees.
- Enter information into the appropriate fields

# New Pages – Climate Resilience



Reports ▾

Data ▾

Administration ▾

SPOFOA

Help

| Wednesday, July 27, 2016 | Log Out



## Data Entry Module

Site: National Renewable Energy Laboratory

<<< View Full QA/QC

### Facilities

Energy  
Water  
Renewables  
Green Buildings  
Metering & Benchmarking  
Facility Goal Category  
**Building Inventory Change**  
**Net Zero**  
Site-Level Policy Tracker

### Vehicles & Equipment

Non-Fleet Vehicles & Equipment Fuel  
Fugitives & Refrigerants  
Fleet Vehicles Fuel  
Fleet Vehicles Inventory  
Fleet Vehicles Mileage  
Site-Level Policy Tracker

### Travel & Commute

Air Travel  
Ground Travel  
Commute  
Site-Level Policy Tracker

### Waste

Municipal Solid Waste  
Waste Diversion  
Wastewater Treatment  
Site-Level Policy Tracker

### Climate Resilience Status Questionnaire

Site: National Renewable Energy Laboratory

PSO: EE

Site #: 5001

Fiscal Year: 2016

Category: Climate Resilience

Data Entry Period Type: Fiscal Year

1. Have you completed a vulnerability screening?

Yes  No

2. Have you completed a vulnerability assessment?

Yes  No

3. Have projected climate impacts been integrated into site plans (TYSP, COOP, etc.) and/or asset management systems? Please discuss.

Yes  No

- Fill out questionnaire in FY 2016 and update as necessary

# New Pages – Site-Level Policy Tracker



U.S. DEPARTMENT OF  
**ENERGY**



Reports ▾

**Data** ▾

Administration ▾

SPOFOA

Help

| Wednesday, July 27, 2016 | Log Out



## Data Entry Module

Site:

[<<< View Full QA/QC](#)

### Facilities

Energy  
Water  
Renewables  
Green Buildings  
Metering & Benchmarking  
Facility Goal Category  
**Building Inventory Change**  
**Net Zero**  
Site-Level Policy Tracker

### Vehicles & Equipment

Non-Fleet Vehicles & Equipment Fuel  
Fugitives & Refrigerants  
Fleet Vehicles Fuel  
Fleet Vehicles Inventory  
Fleet Vehicles Mileage  
[Site-Level Policy Tracker](#)

### Site-Level Policies

	Goal Policy, Procedure, or Program	In Place	Last Update (MM/YY)	Additional Information	Upload/Web Location
Edit	Program: Sulfur hexafluoride (SF6) capture	<input type="checkbox"/>	Never		
Edit	Program: Fleet Optimization/Vehicle Allocation Methodology (VAM)	<input type="checkbox"/>	Never		
Edit	Program: Sustainable transportation options	<input type="checkbox"/>	Never		
Edit	Program: Vehicle sharing/pooling	<input type="checkbox"/>	Never		
Edit	Policy: Improve Fleet Management and Vehicle Efficiency	<input type="checkbox"/>	Never		
Edit	Program: Acquisition of zero emission vehicles (ZEV)	<input type="checkbox"/>	Never		
Edit	Program: Install telematics	<input type="checkbox"/>	Never		

- Allows sites to track sustainability related policies, procedures, or programs implemented at a site-level

- Data updates (2015 data, historical changes)
- Finalize calculations after FEMP workbook is released
- Improve QA/QC for new pages
- Improve the approval process
- Create site profile to view and manage Dashboard users

# Future Dashboard Developments



- Continue to develop new pages including EISA Section 432 requirements such as Energy Conservation Measures, Audits, and Measurement & Verification
- Integrate with Portfolio Manager data to minimize reporting redundancies and potential data energy errors
- Create standard reporting and enhanced analytics (factors, tables, SSP graphics)
- Improve overall usability based on continued site, program, and user feedback

Feedback and recommendations are welcome and encouraged. Please contact the SPO at the email provided below with any suggestions, issues, or problems experienced in the Dashboard.

Contact Information: [Sustainability@Hq.Doe.Gov](mailto:Sustainability@Hq.Doe.Gov)

# Sustainability Resources and Links



Sustainability Performance Office (SPO) Website:

<http://energy.gov/management/spo/sustainability-performance-office>

DOE Sustainability Dashboard:

<https://doegrit.energy.gov/SustainabilityDashboard/>