**Energy and Water Management Goals Table**

This table indicates target energy, water goals and where to report on the item within the Energy and Water Dashboard. The notes column provides additional information including goal progress metrics, if applicable.

| **DOE Goal** | **Citation** | **Corresponding Dashboard Section** | **Notes** |
| --- | --- | --- | --- |
| ***Energy Management*** |  |  |  |
| Reduce energy intensity (BTU per gross square foot) in goal-subject buildings. | [EISA 2007 § 431; EPAct 2005 § 102(c)](https://www.gpo.gov/fdsys/pkg/BILLS-110hr6enr/pdf/BILLS-110hr6enr.pdf);  [42 U.S.C. § 8253(a)](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-2012-title42-section8253&f=treesort&fq=true&num=0) | Site energy data is entered into the *Energy* and *Non-Fleet Vehicles & Equipment Fuel* sections of the Dashboard. Data entry of site energy and non-fleet fuel energy sources is required. | DOE met the EISA requirement to reduce energy intensity compared to a FY 2003 baseline by 30% by FY 2015. DOE continues to have a year over year reduction goal. |
| Complete EISA Section 432 continuous (4-year cycle) energy and water evaluations. | [EISA 2007 § 432;  EA 2020 §1002](https://www.govinfo.gov/content/pkg/BILLS-110hr6enr/pdf/BILLS-110hr6enr.pdf);  [42 U.S.C. § 8253](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-2012-title42-section8253&f=treesort&fq=true&num=1) | EISA data is entered into *EISA S432 – Evaluations*, the *Efficiency & Conservation Measures* and *Facility Metering* sections of the Dashboard. Data entry within these modules is required. | Compliance with EISA includes the reporting on EISA evaluations and ECMs in the Dashboard and updating benchmarking data in Portfolio Manager. |
| Meter individual buildings for electricity, natural gas, steam, and water to adhere to Federal metering guidance. | [EISA 2007 § 434; EPAct 2005 § 103; EA 2020 §1002](https://republicans-science.house.gov/sites/republicans.science.house.gov/files/Division%20Z%20-%20Energy%20Act.pdf)  [42 U.S.C. § 8253(e)](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-2012-title42-section8253&f=treesort&fq=true&num=1) | Metering data is collected within the *Facility Metering Status* section of the Dashboard. Data entry within the metering module is required. | FEMP produced updated metering guidance in 2022 in coordination with the Energy Act of 2020. The updated metering guidance can be found [here](https://www.energy.gov/femp/articles/federal-metering-guidance-energy-act-2020-sec-1002g).  Metering data is used to populate components of the EISA Section 432 reporting. |
| ***Water Management*** |  |  |  |
| Reduce potable water use intensity (Gallon per gross square foot). |  | Potable water data is entered into the *Water* section of the Dashboard. Reporting on facility water use within the Dashboard is required. | DOE has a year over year potable water use intensity reduction goal. Water reduction progress is reported in DOE’s Annual Energy Report. |
| Reduce non-potable freshwater consumption (Gallon) for industrial, landscaping, and agricultural (ILA) water. |  | ILA data is entered into the *Water* section of the Dashboard. Reporting on ILA water is optional. |  |
| ***Waste Management*** |  |  |  |
| Reduce non-hazardous solid waste sent to treatment and disposal facilities. | [42 U.S.C. § 11021](https://uscode.house.gov/view.xhtml?req=(title:42%20section:11021%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section11021)&f=treesort&edition=prelim&num=0&jumpTo=true);  [42 U.S.C. § 11022](https://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-prelim-title42-section11022&f=treesort&num=0&saved=%7CKHRpdGxlOjQyIHNlY3Rpb246MTEwMjEgZWRpdGlvbjpwcmVsaW0pIE9SIChncmFudWxlaWQ6VVNDLXByZWxpbS10aXRsZTQyLXNlY3Rpb24xMTAyMSk%3D%7CdHJlZXNvcnQ%3D%7C%7C0%7Cfalse%7Cprelim);  [42 U.S.C. § 6921](https://uscode.house.gov/view.xhtml?req=(title:42%20section:6921%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section6921)&f=treesort&edition=prelim&num=0&jumpTo=true);  [42 U.S.C. § 6961](https://uscode.house.gov/view.xhtml?req=(title:42%20section:6961%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section6961)&f=treesort&edition=prelim&num=0&jumpTo=true) | Waste is reported in the *Municipal Solid Waste* section of the Dashboard. Reporting of waste sent to on-site DOE landfills is required. Reporting off-site contracted waste is optional. | Greenhouse gas emissions from municipal solid waste are reported in DOE’s Annual Energy Report. |
| Reduce construction and demolition (C&D) materials and debris sent to treatment and disposal facilities. |  | C&D waste is reported in *the Waste Diversion* section of the Dashboard. Reporting on C&D waste is optional. |  |
| ***Fugitives & Refrigerants*** | | | |
| Federal agencies must follow EPA rules with regards to maximizing reclamation and minimizing releases of hydrofluorocarbons (HFCs) and their substitutes from equipment. Managing HFCs includes activities related to servicing, repair, installation, and disposal of equipment containing HFCs and their substitutes. |  | Data is collected with the *Fugitives & Refrigerants* (F&R) section of the Dashboard. Reporting on F&R is required. | Greenhouse gas emissions from fugitive and refrigerants are reported in DOE’s Annual Energy Report. |
| ***Fleet Management*** |  |  |  |
| Reduce petroleum consumption. | [42 U.S.C. §6374e (a)(2)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6374e&num=0&edition=prelim) | Fleet fuel use is uploaded from the Federal Automotive Statistical Tool (FAST) to the *Fleet Vehicles Fuels* section of the Dashboard. | Greenhouse gas emissions from fleet fuel are reported DOE’s Annual Energy Report. DOE continues to have a year over year reduction goal. |
| Increase alternative fuel consumption. | 42 U.S.C §13212 | Fleet fuel use is uploaded from FAST to the *Fleet Vehicles Fuels* section of the Dashboard. Sites are required to report alternative fuel consumption in FAST | Greenhouse Gas emissions from fleet alternative fuel are reported DOE’s Annual Energy Report. |
| ***Renewable Energy*** |  |  |  |
| Renewable electric energy should account for not less than 7.5% of total agency electric consumption. | [EPAct 2005 § 203](http://www.gpo.gov/fdsys/pkg/PLAW-109publ58/pdf/PLAW-109publ58.pdf);  [42 U.S.C. § 15852(a)](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-2012-title42-section15852&f=treesort&fq=true&num=0) | Renewable energy is captured within the *On-Site & Renewable Generations System*s and *Purchased Clean & Renewable Energy* sections of the Dashboard. Reporting within these modules is required. | Renewable energy consumption is reported in DOE’s Annual Energy Report. |
| ***Sustainable Buildings*** |  |  |  |
| Increase the number of owned buildings that are compliant with the Guiding Principles for Sustainable Buildings (see [Requirements Matrix](https://sustainabilitydashboard.doe.gov/PDF/Resources/DOE%20Requirements%20Matrix%20Dashboard%202025_rev1.2.pdf) for current GSF thresholds). | [40 U.S.C. § 524](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title40-section524&num=0&edition=prelim) | The *Sustainable Buildings* Dashboard category captures Sustainable Buildings compliance. | DOE has a year over year increase in Guiding Principles compliant buildings goal.  The 2020 GPs haven't been rescinded but they aren't being enforced. FIMS requires DOE owned buildings with a size greater than or equal to 25,000 to be reported to FIMS. Sites have the option of reporting buildings and trailers with a size of less than 25,000. |
| ***Acquisition & Procurement*** |  |  |  |
| Promote sustainable acquisition and procurement to the maximum extent practicable, ensuring all sustainability clauses are included as appropriate. | [FAR Subpart 23.1](https://www.acquisition.gov/far/part-23) | [48 CFR Part 23](https://www.ecfr.gov/current/title-48/chapter-1/subchapter-D/part-23);  [FAR Subpart 52.223](https://www.acquisition.gov/far/52.223);  [42 U.S.C. §6962](http://uscode.house.gov/view.xhtml?req=(title:42%20section:6962%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section6962)&f=treesort&edition=prelim&num=0&jumpTo=true);  [42 U.S.C. §7671](http://uscode.house.gov/view.xhtml?req=(title:42%20section:7671%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section7671)&f=treesort&edition=prelim&num=0&jumpTo=true);  [7 U.S.C. §8102](http://uscode.house.gov/view.xhtml?req=(title:7%20section:8102%20edition:prelim)%20OR%20(granuleid:USC-prelim-title7-section8102)&f=treesort&edition=prelim&num=0&jumpTo=true);  [42 U.S.C. Ch 133](https://uscode.house.gov/view.xhtml?path=/prelim@title42/chapter133&edition=prelim);  42 U.S.C. § 8259b | b(e)(2)-(4) | Sustainable acquisition and procurement data is entered into the Sustainable Acquisition Contracts and Biobased Product Purchases workbooks. For FY26 submission of the workbooks is optional. If sites choose to upload these supplemental workbooks please upload them to the Acquisition & Procurement section within the Narrative module of the Dashboard. | The System for Award Management (SAM.gov) and the Federal Procurement Data System (FPDS) are the systems of record for sustainable acquisition data and automatically flow into DOE’s compliance through reporting in the Dashboard. All service and construction contract actions that cannot be reported in FPDS (M&O contractors are unable to report in FPDS) must be reported in the Dashboard Sustainable Acquisition Contracts Workbook. Similarly, biobased product purchase reporting that cannot be reported in FPDS must be reported in the supplemental Dashboard Biobased Product Purchasing Workbook. |
| ***Investments: Facilities & Workforce*** | |  |  |
| Two years after the date of completion of each evaluation, each energy manager shall implement all life cycle cost effective ECMs (individually or bundled). | [EISA 2007 § 432](https://www.govinfo.gov/content/pkg/BILLS-110hr6enr/pdf/BILLS-110hr6enr.pdf);  [EA 2020 §1002](https://science.house.gov/_cache/files/f/3/f3916ab1-1d9b-428c-9f81-bbc33d9b5b55/501924497A34C21E5EF3C335F2BE370C.division-z---energy-act.pdf);  [42 U.S.C. § 8253(b)(1)](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-2012-title42-section8253&f=treesort&fq=true&num=1) | Information on ECMs is reported within the *Efficiency & Conservation Measures* section of the Dashboard. Reporting within this module is required. | The Compliance Tracking System tracks ECMs in covered facilities, the estimate project cost, and identifies which ECMs were included under energy performance contracts. |
| Two years after the date of completion of each evaluation, use energy performance contracting to address at least 50 percent of the measures identified. | [EISA 2007 § 432](https://www.govinfo.gov/content/pkg/BILLS-110hr6enr/pdf/BILLS-110hr6enr.pdf);  [EA 2020 §1002](https://science.house.gov/_cache/files/f/3/f3916ab1-1d9b-428c-9f81-bbc33d9b5b55/501924497A34C21E5EF3C335F2BE370C.division-z---energy-act.pdf);  [[42 U.S.C. § 8253(f)(4)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim)](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Information on ECMs is reported within the *Efficiency & Conservation Measures* section of the Dashboard. Reporting within this module is required. | The Annual Energy Report describes the number of energy performance contracts executed and total project investment from all sources. |
| ***Electronic Stewardship*** |  |  |  |
| Increase acquisition of efficient electronics and promote efficient operations and end of life practices. |  | The *Electronic Acquisition* and Electronic Operations and Electronics End-of-Life capture site electronic. usage. Reporting in these modules is optional. |  |
| Increase energy and water efficiency in high-performance computing and data centers. | [42 U.S.C. §8253 (h)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim); 42 USC §17112 |  |  |

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