| **Goal/Target** | **Drivers** | **OMB M-22-06 + CEQ Implementing Instructions  *Key Take Aways*** |
| --- | --- | --- |
| **Greenhouse Gas Reduction and Increased Clean & Renewable Energy** | |  |
| 65% reduction in scope 1&2 greenhouse gas (GHG) emissions by FY 2030 from FY 2008 baseline | [42 USC §17143](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-prelim-title42-section17143&f=treesort&num=0&saved=%7CKHRpdGxlOjQyIHNlY3Rpb246MTcxNDQgZWRpdGlvbjpwcmVsaW0pIE9SIChncmFudWxlaWQ6VVNDLXByZWxpbS10aXRsZTQyLXNlY3Rpb24xNzE0NCk%3D%7CdHJlZXNvcnQ%3D%7C%7C0%7Cfalse%7Cprelim)  [EO 14057 §202](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Targets are government wide targets based on EO 14057. Agencies to set targets in coordination with OMB and CEQ. DOE targets forthcoming in FY 2023/24.  Additional information on Scope 3 GHG reporting and targets in the near future, pending GSA assessment of systems and methodologies for tracking. |
| 100% carbon pollution-free electricity (CFE) on a net annual basis by FY 2030, including 50% on a 24/7 basis | [EO 14057 §203](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Targets are government wide targets based on EO 14057. Agencies to set targets in coordination with OMB and CEQ. DOE targets forthcoming in FY 2023/24.  CFE sources are slightly different than renewable energy sources under 42 USC 15852. To account for grid CFE, purchases are adjusted for CFE sources based on eGRID subregion less residual mix. Criteria for CFE specific purchases (e.g., EACs/RECs, bundled green energy) plus on-site systems consist of placed in service after October 1, 2021, and delivered to the same balancing area. On-site systems compliant with 42 USC 15852 are grandfathered up to 7.5% at agency-level. Bridge EACs with flexible criteria are allowed while waiting for a CFE contract implementation.  DOE Resource: CFE Roadmap and community of practice |
| Renewable electric energy account for not less than 7.5% of a total agency electric consumption by FY 2013 and each year thereafter. | [42 USC §15852](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section15852&num=0&edition=prelim) | Contributes to CFE and for those not meeting the criteria for CFE, can be included in legacy CFE accounting up to 7.5% at the agency-level. |
| If life-cycle cost-effective (LCCE), not less than 30 percent of the hot water demand for each new Federal building or Federal building undergoing a major renovation be met through the installation and use of solar hot water heaters. | [42 USC §6834 (a)(3)(iii)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6834&num=0&edition=prelim) |  |
| **Fleet Management** |  |  |
| 100% zero-emission vehicle (ZEV) acquisitions by FY 2035, including 100% light-duty acquisitions by FY 2027 | [42 USC §13212 EO 14057 §204](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section13212&num=0&edition=prelim) | Targets are government wide targets based on EO 14057. Agencies to set targets in coordination with OMB and CEQ. DOE targets forthcoming in FY 2022/23.  Key strategies: optimize fleet size, re-fueling infrastructure, telematics, bi-directional charging, ensure ability to track and manage charging, replace other petroleum-consuming vehicles and equipment with zero-emission models. |
| To the maximum extent practicable, arrange for the fueling of alternative fueled vehicles at commercial fueling facilities that offer alternative fuels for sale to the public. | [42 USC §13213 (a)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section13213&num=0&edition=prelim) |  |
| Not later than January 1, 2010, install at least 1 renewable fuel pump at each Federal fleet fueling center. | [42 USC §17053](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section17053&num=0&edition=prelim) |  |
| Not later than October 1, 2015, and for each year thereafter, achieve at least a 20% reduction in annual petroleum consumption relative to an FY 2005 baseline. | [42 USC §6374e (a)(2)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6374e&num=0&edition=prelim) |  |
| Not later than October 1, 2015, and for each year thereafter, achieve a 10% increase in annual alternative fuel consumption relative to an FY 2005 baseline. | [42 USC §6374e (a)(2)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6374e&num=0&edition=prelim) |  |
| 75% of light duty vehicle acquisitions must consist of alternative fuel vehicles (AFV). | [42 USC §13212](https://uscode.house.gov/view.xhtml?req=(title:42%20section:13212%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section13212)&f=treesort&edition=prelim&num=0&jumpTo=true) |  |
| **Sustainability in Building Design & Operations** |  |  |
| A net-zero emissions building portfolio by FY 2045, including a 50% emissions reduction by FY 2032 from FY 2008 levels | [EO 14057 §205](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Targets are government wide targets based on EO 14057. Agencies to set targets in coordination with OMB and CEQ. DOE targets forthcoming in FY 2023/24.  New buildings and modernization projects greater than 25K GSF entering design phase in FY 2022 and beyond are designed to be net-zero emission by FY 2030 and where feasible net-zero water and waste.   Key strategies: electrification, CFE, deep energy retrofits in 30% of covered facilities, whole building commissioning, energy and water conservation measures, and space reduction and consolidation. |
| New Federal buildings and those undergoing major renovations shall be designed so that the fossil fuel-generated energy consumption of the buildings is reduced, as compared with such energy consumption by a similar building in fiscal year 2003 (as measured by Commercial Buildings Energy Consumption Survey or Residential Energy Consumption Survey data from the Energy Information Agency), by 100% by FY 2030. | [42 USC §6834](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6834&num=0&edition=prelim) (a)(3)(D) |  |
| Beginning December 19, 2007, no Federal agency shall enter into a contract to lease space in a building that has not earned the Energy Star label in the most recent year. | [42 USC §17091](http://uscode.house.gov/view.xhtml?req=(title:42%20section:17091%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section17091)&f=treesort&edition=prelim&num=0&jumpTo=true) | Pending GSA guidelines, leases entered into after September 30, 2023, and at least 25K where 75% is leased by the government must be a green lease. Leases entered into after September 30, 2030, must be net-zero emission buildings. |
| 1 year after August 8, 2005, if LCCE new Federal Buildings are to be designed to achieve energy consumption levels that are at least 30% below the levels established in the version of the ASHRAE Standard or the International Energy Conservation Code, as appropriate. | [42 USC §6834](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6834&num=0&edition=prelim) (a)(3)(A) |  |
| 1 year after August 8, 2005, if LCCE new Federal Buildings are to apply sustainable design principles to the siting, design, and construction of all new and replacement buildings. | [42 USC §6834](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section6834&num=0&edition=prelim) (a)(3)(D) | Pending GSA guidelines, agencies must consider this guidance for siting of Federal facilities. |
| High-performance green Federal Buildings | [42 USC §17092](http://uscode.house.gov/view.xhtml?hl=false&edition=prelim&req=granuleid%3AUSC-prelim-title42-section17092&f=treesort&num=0&saved=%7CKHRpdGxlOjQyIHNlY3Rpb246MTcwOTEgZWRpdGlvbjpwcmVsaW0pIE9SIChncmFudWxlaWQ6VVNDLXByZWxpbS10aXRsZTQyLXNlY3Rpb24xNzA5MSk%3D%7CdHJlZXNvcnQ%3D%7C%7C0%7Cfalse%7Cprelim)  [EO 14057 §205](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | All new and modernization projects greater than 25K entering design phase in FY 2022 and beyond are designed to meet CEQs Guiding Principles for Sustainable Federal Buildings. |
| Increase water efficiency | [[42 USC §8253 (b)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim)  EO 14057 §206](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Agencies to set targets in coordination with OMB and CEQ. DOE targets forthcoming in FY 2023/24. |
| 30% energy intensity (Btu per gross square foot) reduction in goal-subject buildings by FY 2015 from a FY 2003 baseline. | [[42 USC §8253 (a)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim)  EO 14057 §206](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Agencies to set targets in coordination with OMB and CEQ. DOE targets forthcoming in FY 2023/24. |
| Continuous (4-year cycle) energy and water evaluations, along with implementation of measures, follow ups, and commissioning. | [42 USC §8253 (f)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) | Key strategies: deep energy retrofits in 30% of covered facilities, whole building commissioning, energy and water conservation measures. Note, deep energy retrofits are those that save 30-40%. |
| Use of a system to manage energy and water use at the facility, such as ISO 50001 | [42 USC §8253 (f)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) |  |
| Benchmark metered buildings. | [42 USC §8253 (f)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) |  |
| By October 1, 2022, all Federal buildings shall, be metered for energy and water. | [42 USC §8253 (e)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) |  |
| Install life cycle cost effective energy and water conservation measures. Complete installation as soon as practicable after October 1, 2022. | [42 USC §8253 (b)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) |  |
| Each Federal agency shall use performance contracting to address at least 50 percent of the measures identified via covered facility evaluations. | [[42 USC §8253 (f)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) EO 14057 §205](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) |  |
| Stormwater management | [42 USC §17094](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section17094&num=0&edition=prelim) |  |
| **Pollution Prevention & Waste Management** |  |  |
| Annually diverting from landfills at least 50% of non-hazardous solid waste, including food and compostable material, and construction and demolition waste and debris by FY2025; and 75% by FY2030. | [[42 USC §13101](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section13101&num=0&edition=prelim) EO 14057 §207](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Key strategies: reduce, reuse, recycle/compost, energy recovery, and treat.  Agencies should require project teams to create a C&D waste management plan for new construction, modernization, renovation, beginning in FY 2024.  Agencies must ensure all new construction and modernization projects greater than 25,000 gross square feet entering the design phase in fiscal year 2022 and beyond are designed to be net-zero emissions by 2030, and where feasible, net-zero water and waste buildings. |
| Hazardous substance reporting and reduction. | [42 USC § 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 USC § 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 USC § 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 USC § 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) | Agencies must comply with state, interstate, and local requirements for management and disposal of non-hazardous solid waste and hazardous waste. |
| Promote transition to a circular economy | [33 USC 4201](http://uscode.house.gov/view.xhtml?req=(title:33%20section:4201%20edition:prelim)%20OR%20(granuleid:USC-prelim-title33-section4201)&f=treesort&edition=prelim&num=0&jumpTo=true)  [EO 14057 §207](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Minimize waste, advance pollution prevention, and promote a transition to circular economy by reducing and phasing out procurement of single-use plastic products, to the maximum extent practicable. |
| **Sustainable Procurement** |  |  |
| Purchase sustainable products and services identified or recommended by the Environmental Protection Agency (EPA) | [EO 14057 §208](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) [FAR Subpart 23](https://www.acquisition.gov/far/part-23)  [42 USC §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 USC §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 USC §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 USC Ch 133](https://uscode.house.gov/view.xhtml?path=/prelim@title42/chapter133&edition=prelim) | This includes:   * Recycled content products identified by EPA’s Comprehensive Procurement Guideline Program ([FAR Subpart 23.7](https://www.acquisition.gov/far/subpart-23.7) and [FAR Subpart 23.4](https://www.acquisition.gov/far/part-23#FAR_Subpart_23_4));   + EPA programs that identify sustainable products and services include: WaterSense, Safer Choice, SmartWay Transport partners and SmartWay products, and PA Recommendations of Specifications, Standards, and Ecolabels for Federal Purchasing * Biobased products in categories designated by the Department of Agriculture ([FAR Subpart 23.4](https://www.acquisition.gov/far/part-23#FAR_Subpart_23_4)); * Energy efficient products certified by ENERGY STAR and energy and water efficient products designated by DOE-FEMP ([FAR Subpart 23.2](https://www.acquisition.gov/far/part-23#FAR_Subpart_23_2)); and * Products made with or containing acceptable alternatives to ozone-depleting substances listed by EPA’s Significant New Alternatives Policy (SNAP) program ([FAR Subpart 23.8](https://www.acquisition.gov/far/part-23#FAR_Subpart_23_8) and [FAR Subpart 23.6](https://www.acquisition.gov/far/part-23#FAR_Subpart_23_6)). |
| Identifying and prioritizing pollutants and materials, such as concrete and steel, to be covered under a Buy Clean policy. | [EO 14057 §303](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Buy Clean Task Force will provide recommendations to CEQ and OMB on policies and procedures to expand consideration of embodied emissions and pollutants of construction materials, such as concrete and steel, in Federal procurement and federally funded projects to reduce embodied emissions. |
| Prioritize substitutes for products that contain perfluoroalkyl or polyfluoroalkyl substances (PFAS). | [EO 14057 §208](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf)  [10 USC 3062](https://uscode.house.gov/view.xhtml?req=(title:10%20section:3062%20edition:prelim)%20OR%20(granuleid:USC-prelim-title10-section3062)&f=treesort&edition=prelim&num=0&jumpTo=true) | To the maximum extent practicable and consistent with statutory mandates, agencies should avoid the procurement of PFAS-containing covered items, as defined in section 333 of Public Law 116–283. |
| Supply chain sustainability and emissions tracking. | [EO 14057 §301 and §302](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf)  [EO 14030 §5(b)(i)](https://www.govinfo.gov/content/pkg/DCPD-202100425/pdf/DCPD-202100425.pdf)  [EO 14008 §206](https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-02177.pdf) [EO 14017](https://www.govinfo.gov/content/pkg/FR-2021-03-01/pdf/2021-04280.pdf) | CEQ will coordinate with GSA to develop systems and methodologies to track supplier emissions. GSA to provide periodic recommendation to reduce supply chain emissions based on supplier disclosures.  FAR to be updated. |
| **Data Centers & Electronic Stewardship** |  |  |
| Data Center Efficiency | [[42 USC §8253 (h)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) 42 USC §17112](https://uscode.house.gov/view.xhtml?req=(title:42%20section:17112%20edition:prelim)%20OR%20(granuleid:USC-prelim-title42-section17112)&f=treesort&edition=prelim&num=0&jumpTo=true) |  |
| Purchase of energy efficient IT | [[42 USC §8253 (h)](https://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8253&num=0&edition=prelim) [42 USC §8259b (e)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8259b&num=0&edition=prelim)  FAR 23.7](https://www.acquisition.gov/far/subpart-23.7) |  |
| Power management | [42 USC §8259b (e)](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title42-section8259b&num=0&edition=prelim) |  |
| **Climate Adaptation & Resilience** |  |  |
| Revise polices and processes to promote climate resilience investment that advances adaptation. | [EO 14057 §209](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) |  |
| Conduct climate adaptation analysis and planning for climate-informed financial and management decision and program implementation. | [EO 14057 §209](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) |  |
| Climate Action Plans - The head of each agency shall submit a draft action plan that describes steps the agency can take with regard to its facilities and operations to bolster adaptation and increase resilience to the impacts of climate change. | [EO 14008](https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-02177.pdf) §211 | DOE Resource: Climate Adaptation and Resilience Plan, Vulnerability Assessment and Resilience Plan |
| **Training, Environmental Justice, Conservation** |  |  |
| Training for Federal Building Personnel | [40 USC §581](http://uscode.house.gov/view.xhtml?req=granuleid:USC-prelim-title40-section581&num=0&edition=prelim) [EO 14057 §401](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Agencies shall foster a culture of sustainability and climate action; build employees’ skills and knowledge through engagement, education, and training; and incorporate environmental stewardship values and, where appropriate, sustainability goals and objectives into performance plans of executives, managers, and staff. |
| Incorporating Environmental Justice | [EO 14057 §402 [EO 14008](https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-02177.pdf)](https://www.govinfo.gov/content/pkg/FR-2021-12-13/pdf/2021-27114.pdf) | Agencies shall consider incorporating recommendations of the Justice40 Initiative, on how Federal investments might be made toward a goal that 40 percent of the overall benefits flow to disadvantaged communities that have been historically marginalized and overburdened by pollution and underinvestment in housing, transportation, energy, water, wastewater infrastructure, and health care, into operational planning and decision-making regarding Federal facilities, fleets, and operations.  DOE Resource: Justice40 Initiative |
| Conserve 30% of the United States (U.S.) lands and waters by 2030 (America the Beautiful Initiative) | [EO 14008](https://www.govinfo.gov/content/pkg/FR-2021-02-01/pdf/2021-02177.pdf) §216 | DOE Resource: Conservation Action Plan |