



U.S. General Services Administration

Executive Order 13693

Planning for Federal Sustainability in the Next Decade

presented by
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To the Green Building Advisory Committee
April 23, 2015

Years of Accelerating Federal Sustainability Goals

- Federal energy goals date back to 1970s
- Energy goals upgraded with Energy Policy Act of 2005 (EPAAct) and Energy Independence & Security Act of 2007 (EISA)
- 2006 Guiding Principles (GPs) set first Federal government-wide green building standards
- 2009 Exec Order 13514 incorporated GPs with other Federal greening goals
- EO 13693 raises the bar yet again!

An Overview of EO 13693

- Federal sector contribution to US greenhouse gas reduction targets
- Consolidates policy goals from diverse sources: data centers, ESPCs, resilience, procurement, renewables...
- Establishes **FY 2025** targets for key measures (energy, water, GHG), extending 2009–2015 glide paths
- Makes ESPC goal permanent
- Adds new measures:
 - **Clean energy** target: building electric + thermal energy
 - Combo of **renewable electric** and **alternative energy** goals (e.g., combined heat & power)
 - **Leased space GHG emissions reporting**
 - Supply chain GHG emissions disclosure / reporting

From EO 13514 to EO 13693: Higher Hurdles

Issue	Previous Goals	New EO Goals
Scope 1 and 2 GHG	Cut 28.7% (from FY08 base to FY20). (Set agency goal)	Cut 40% (from FY08 base to FY2025). (Set agency goal.)
Scope 3 GHG	Cut 14.6% (from FY08 base to FY20). (Set agency goal.)	Will include leased space. (Set agency goal.)
Energy Use Intensity (BTU/GSF)	Cut 30% (from FY03 base to FY15; 3% per year).	Cut 25% more (from FY15 baseline to FY25; 2.5% per year)
“Clean Energy” target for total building electric plus thermal energy	N/A	Renewable electric plus alternative energy from 10% of total building electric plus thermal energy in FY16 to 25% by FY25
Renewable Electricity target	From 10% of electric use in FY15 to 20% in FY20 (12/13 Pres. Memo)	From 10% in FY16 to 30% by FY25
Mandatory lease clauses	Energy Star label required (EISA)	Energy efficiency required plus lessor to disclose CO2 emissions or energy consumption for agency-occupied portion of building (10k+ RSF)

From EO 13514 to EO 13693: Higher Hurdles (cont.)

Issue	Previous Goals	New EO Goals
Net-zero energy, water & waste buildings	New construction and major RR&A = zero fossil fuel by 2030 (EISA)	New construction and major RR&A plans by FY2020 (5k+ GSF) designed for net-zero energy, and net-zero water or waste where feasible by FY2030; set 2025 goal for existing buildings to net-zero
Potable water	Cut 26% (from FY07 base to FY20, 2% per year)	Cut 36% (from FY07 base to FY25, 2% per year)
Industrial, Landscaping, and Agriculture (ILA) water	Cut 20% (from FY10 base to FY20, 2% per year)	Cut 30% (from FY10 base to FY25, 2% per year)
Fuel use and fleetwide GHG-per-mile	Cut petroleum use 2% per year & increase biofuel use 10% per year	Cut fleetwide GHG-per-mile 40% (from FY14 base to FY25)
ZEV percent goal	None	Zero-emission vehicles or plug-in hybrids: from 20% of new passenger vehicles in 2021 to 50% in 2026

Implementing the EO

Every agency:

- Designates a Chief Sustainability Officer (part of Interagency Sustainability Steering Committee)
- Sets Goals for GHGs (Scope 1, 2 & 3)
- Posts an annual Strategic Sustainability Performance Plan highlighting goals and progress
- Has progress evaluated in OMB Scorecard (green, yellow, red)

Stronger focus on:

- Regional implementation
- Employee training

Coming Soon

- Implementing instructions
- Updated Guiding Principles
- Workgroups to develop guidance on specific EO provisions
- Agency GHG goals

Discussion Time!

