

Clean Energy Rule and FEMP Resources



U.S. DEPARTMENT OF
ENERGY

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- Section 433 of EISA 2007 directs DOE to establish, by rule, revised Federal building performance standards for new buildings and major renovations
- Certain Federal buildings shall be designed to reduce on-site fossil fuel-generated energy consumption, as compared to a similar building in FY 2003
 - By 90% if designed for construction or major renovation in FY 2025–FY 2029
 - By 100% if designed for construction or major renovation in FY 2030 or later
- Applies to new construction and major renovations that exceed certain cost thresholds
- Focuses on on-site combustion of fossil fuels only (Scope 1 emissions)
 - Applies to fossil fuel use in building operational end-uses only
 - Does not allow renewable electricity to off-set on-site fossil fuel use
 - Excludes industrial and manufacturing process loads
- Agencies may petition DOE (FEMP) to adjust the fossil fuel reduction target downward on the basis of “technical impracticability”

Why is this important?



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A statutory rule / law pushing projects into electrification aligns with current administration priorities (EO14057), but also has staying power



This rule also applies to major renovations including system and component level renovations increasing scope and impact on existing building stock



The rule is intended to help the federal government prepare its building fleet for a clean energy future. Given the relatively long lifetime and operation of buildings and mechanical equipment the rule's intent is to drive investment in electric HVAC technologies now, knowing impacts will continue to grow in the future



The cost threshold is relatively low so many projects have the potential to be impacted



- Final rule published May 2024
- Final rule applies to building designs that commence one-year after publication of the final rule (May 2025)
- FEMP providing resources to support agency understanding and implementation:
 - Clean Energy Rule Webpage: [Federal Building Energy Efficiency Rules and Requirements](#)
 - Petition Template and Petition Process Overview (June 2024)
 - Net Zero Emissions Buildings Interagency Task Force (June 2024)
 - Implementation Guidance (August 2024)
 - Trainings, fact sheets, and other related resources
 - Electrification Fact Sheet: [Quantitative Considerations for Building Electrification Projects](#)
 - CER/Federal Building Performance Standard (BPS)/Net-Zero Crosswalk (June 2024)
 - Clean Energy Rule Overview Webinar (June 18th): [An Overview of the Clean Energy Rule | Department of Energy](#)
 - Net-Zero Buildings: Cost-Effective and Sustainable for New Construction Webinar (July 24th)
 - Clean Energy Rule Implementation Guidance Webinar (September 2024)
- For more information:
 - Clean Energy for Federal Buildings Rule: <https://www.regulations.gov/docket/EERE-2010-BT-STD-0031>
 - FEMP POC: Rick Mears (rick.mears@hq.doe.gov)