

Executive Order 14075

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- December 8, 2021
- Policy for “Federal Government to lead by example in order to achieve a carbon pollution-free electricity sector by 2035 and net-zero emissions economy-wide by no later than 2050...whole-of-government approach...protect our planets, safeguard Federal investments against the effects of climate change, respond to the needs of all of America’s communities, and expand American technologies, industries, and jobs.

Government-wide Goals

- 100% carbon pollution-free electricity on a net annual basis by 2030, including 50 percent 24/7 carbon pollution-free electricity, as defined in section 603(a) of this order
- 100% zero-emission vehicle acquisitions by 2035, including 100 percent zero-emission light-duty vehicle acquisitions by 2027
- A net-zero emissions building portfolio by 2045, including a 50 percent emissions reduction by 2032
- A 65% reduction in scope 1 and 2 greenhouse gas emissions, as defined by the Federal Greenhouse Gas Accounting and Reporting Guidance, from Federal operations by 2030 from 2008 levels
- Net-zero emissions from Federal procurement, including a Buy Clean policy to promote use of construction materials with lower embodied emissions
- Climate resilient infrastructure and operations
- A climate-and sustainability-focused Federal workforce

Transitioning to 100 Percent Carbon Pollution-Free Electricity

- Each agency shall increase its percentage use of carbon pollution-free electricity, so that it constitutes 100 percent of facility electrical energy use on an annual basis, and seek to match use on an hourly basis to achieve 50 percent 24/7 carbon pollution-free electricity, by fiscal year 2030. In addition agencies shall facilitate new carbon pollution-free electricity generation and energy storage capacity by authorizing use of their real property assets, such as rooftops, parking structures, and adjoining land, for the development of new carbon pollution-free electricity generation and energy storage through leases, grants, permits, or other mechanisms, to the extent permitted by law.

Achieving Net-Zero Emissions Buildings, Campuses, and Installations

- Each agency shall achieve net-zero emissions across its portfolio of building, campuses, and installations by 2045 and reduce greenhouse gas emissions by 50 percent from buildings, campuses, and installations by 2032 from 2008 levels, prioritizing improvement of energy efficiency and the elimination of onsite fossil fuel use.
- Pursue building electrification strategies in conjunction with carbon pollution-free energy use, deep-energy retrofits, whole-building commissioning, energy and water conservation measures, and space reduction and consolidation
- Design new construction and modernization projects greater than 25,000 gross square feet to be net-zero emissions by 2030
- Implement CEQ's Guiding Principles for Sustainable Federal Buildings in building design, construction, and operation of all new Federal buildings and renovated existing buildings
- Use performance contracting...to improve efficiency and resilience of Federal facilities, deploy clean and innovative technologies, and reduce greenhouse gas emissions from building operations

Sustainable Acquisition and Procurement

- Agencies shall reduce emissions, promote environmental stewardship, support resilient supply chains, drive innovation, and incentivize markets for sustainable products and services by prioritizing products that can be reused, refurbished, or recycled; maximizing environmental benefits and cost savings through use of full lifecycle cost methodologies; purchasing products that contain recycled content, are biobased, or are energy and water efficient, in accordance with relevant statutory requirements; and, to the maximum extent practicable, purchasing sustainable products and services identified or recommended by the EPA
- Develop or revise policies and processes to promote climate resilient investment that advances adaptation to climate change and protects public health and the environment
- Conduct climate adaptation analysis and planning for climate-informed financial and management decisions and program implementation
- Reform agency policies and funding programs that are maladaptive to climate change and increase the vulnerability of communities, natural or built systems, economic sectors, and natural resources to climate impacts, or related risks, and
- Develop and enhance tools that assess climate change impacts and support climate adaptation planning and implementation

Incorporating Environmental Justice

- Environmental justice can only be achieved by ensuring that all those affected by agency operations enjoy the same degree of protection from environmental and health hazards. Accordingly, it is critical that the Federal Government incorporate environmental justice considerations into sustainability and climate adaptation planning, programs, and operations.