



Committee on Transportation and Infrastructure
U.S. House of Representatives

Peter A. DeFazio
Chairman

Washington, DC 20515

Sam Graves, MO
Ranking Member

Katherine W. Dedrick, Staff Director

Paul J. Sass, Republican Staff Director

COMMITTEE RESOLUTION

ALTERATION
ENERGY AND WATER RETROFIT AND CONSERVATION MEASURES PROGRAM
VARIOUS BUILDINGS
PEW-0001-MU23

Resolved by the Committee on Transportation and Infrastructure of the U.S. House of Representatives, that pursuant to 40 U.S.C. §3307, appropriations are authorized to implement projects that directly result in reduced energy usage, reduced water usage, utility costs savings and reduced pollution and emissions in Government-owned buildings beginning in fiscal year 2023 at a total cost of \$15,000,000, a prospectus for which is attached to and included in this resolution.

Provided further, that the General Services Administration shall not delegate to any agency the authority granted by this resolution.

Provided further, not later than 30 calendar days after the date on which a request from the Chair or Ranking Member of the Committee on Transportation and Infrastructure of the House of Representatives is received by the Administrator of the General Services, the Administrator shall provide such Member a response in writing that provides any information requested regarding the program.

Provided, that the Administrator of General Services shall aim to achieve net zero carbon buildings, if determined by the Administrator to be practical and cost-effective.

Adopted: **June 15, 2022**


Peter A. DeFazio
Chair

COMMITTEE RESOLUTION

**ALTERATION
ENERGY AND WATER RETROFIT AND CONSERVATION MEASURES PROGRAM
VARIOUS BUILDINGS
PEW-0001-MU23**

**RESOLVED BY THE COMMITTEE ON ENVIRONMENT AND PUBLIC WORKS OF
THE UNITED STATES SENATE**

that pursuant to title 40 U.S.C. § 3307, a prospectus providing for the implementation of energy and water retrofit and conservation measures in Government-owned buildings beginning in Fiscal Year 2023 to reduce on-site energy and water consumption through building alteration projects or retrofits of existing buildings systems at a total cost of \$15,000,000, a prospectus for which is attached to and included in this resolution, is approved.

Provided, that the Administrator shall provide to the Chairman or Ranking Member of the Committee on Environment and Public Works of the Senate, in a timely manner, requested documents and information regarding this prospectus and resulting contractual materials, without redaction other than redactions to exclude business confidential, proprietary, and/or procurement sensitive information.

Provided further, that the General Services Administration shall not delegate to any other agency the authority granted by this resolution.

A handwritten signature in blue ink, reading "Tom Carper", written over a horizontal line.

Chairman

A handwritten signature in blue ink, reading "Shelley Moore Capito", written over a horizontal line.

Ranking Member

Adopted: July 27, 2022

**PROSPECTUS - ALTERATION
ENERGY AND WATER RETROFIT AND CONSERVATION MEASURES PROGRAM
VARIOUS BUILDINGS**

Prospectus Number: PEW-0001-MU23

FY 2023 Project Summary

The General Services Administration (GSA) is proposing to invest in projects that directly result in reduced energy usage, reduced water usage, utility cost savings, and reduced pollution and emissions in Government-owned buildings beginning in Fiscal Year (FY) 2023.

FY 2023 Committee Approval and Appropriation Requested\$15,000,000

Program Summary

GSA proposes the implementation of energy and water retrofit and conservation measures in Government-owned buildings beginning in FY 2023. The Energy and Water Conservation Measures Program (Program) is designed to reduce on-site energy and water consumption through building alteration projects or retrofits of existing buildings systems. Completing these projects is an important part of GSA's approach to complying with requirements in the Energy Act of 2020 (EA2020) and Executive Order 14057: Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability.

Projects will reflect GSA and Administration priorities including improving reducing costs; advancing clean and innovative technologies; and reducing pollutants and emissions from building operations. Furthermore, this investment may generate rebates and incentives from utility companies and grid operators.

In addition to meeting the stated priorities, proposed projects will be screened for life-cycle cost effectiveness to ensure they will generate a positive return-on-investment within the expected lifetime of the equipment.

This Prospectus program supports design and construction of energy and water management projects and retrofits in Federal buildings. Typical projects include, but are not limited to, the following:

- Upgrade heating, ventilation, and air-conditioning (HVAC) systems with new, high efficiency systems;
- Replace existing lighting and lighting controls including associated wiring;
- Install and upgrade building automation systems (BAS) and energy management control systems (EMCS);
- Design and install and connect renewable energy systems including solar photovoltaics, solar water heating, and wind power;

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- Design and install advanced geothermal heat pumps to replace conventional heating and cooling equipment;
 - Install or repair energy and water metering systems, diagnostic sensors, and equipment;
 - Replace electrical motors with multi-speed or variable-speed motors;
 - Install battery backup systems with load shedding and grid stabilization functions;
 - Insulate roofs, walls, pipes, HVAC ducts; and mechanical equipment;
 - Install multi-pane windows, and seal and repair existing windows;
 - Upgrade plumbing systems with high efficiency toilets and sinks; and
 - Install high efficiency irrigation and watering systems and provide for native landscaping and natural habitat restoration.

Justification

GSA is leading by example on the call to action and helping to facilitate an all-of-government approach to address climate change in federal government operations including implementing efficiency projects and reducing reliance on fossil fuels. GSA's portfolio includes a significant number of Federal buildings with investment needs in critical, energy-consuming infrastructure. GSA is increasing the agency's focus to improve energy and water efficiencies to reduce usage and costs along with the associated greenhouse gas emissions. Statutory and Executive Order direction supports key investments in energy and water to exceed prior levels of consumption and emission.

Approval of this FY 2023 request will enable GSA to meet these goals.

Summary of Energy, Water, Sustainability, and Climate Risk Compliance

This project will be designed to conform to requirements of the *Facilities Standards for the Public Buildings Service*. GSA will focus on design and construction opportunities to increase energy and water efficiencies to minimize operating costs and greenhouse gas emissions, to incorporate sustainable design principles into projects, and identify and minimize climate risk liabilities above the minimum performance criteria in a manner that is life-cycle cost effective.


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Certification of Need

GSA has determined that the proposed energy and water retrofit, and conservation program is the most practical solution to meeting those goals, maximizing taxpayer value and addressing an identified need.

Submitted at Washington, DC, on 4/6/2022

Recommended: 
Commissioner, Public Buildings Service

Approved: 
Administrator, General Services Administration