

**FY 2023 Budget Estimates
Military Construction, Defense-Wide
Special Program Considerations**

POLLUTION ABATEMENT

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installation have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY RESILIENCE AND CONSERVATION

DOD represents three-fourths of federal energy use. Energy Resilience and Conservation Investment Program (ERCIP) projects improve the energy resilience and energy and water efficiency at DOD installations. The ERCIP is a well-managed program with clear, realistic, and attainable goals.

ERCIP construction is funded at \$329.0 million in FY 2023. The Department will ensure that the program produces high returns on this investment in terms of energy savings and resilience benefits for mission assurance.

In general, the ERCIP program funds projects that would not necessarily be candidates for other types of funding, like O&M or third-party financing. In addition, in order to support the Department's strategic energy goals, the ERCIP uses several project selection criteria, including:

- Impact to energy resilience improvement and its contribution to mission assurance at an installation;
- Microgrids to support critical mission facilities, strengthen grid resilience, help mitigate grid disturbances, and function as a grid resource for faster system response and recovery improving installation resilience;
- Renewable energy, clean energy, and energy storage project(s), particularly when they create a synergistic effect with other technologies, efficiency improvements and "smart" building or grid management systems;
- Geothermal Energy Generation project(s) producing "baseload" power and connected to a microgrid for onsite energy production;
- Accelerated deployment of Air Source Heat Pump project(s) as demonstrated by ESTCP to support a specific building or a series of buildings;
- Infrastructure projects directly supporting Electrical Vehicle (EV) charging stations;
- Projects that contribute towards the objectives of Executive Order 14008, "Tackling the Climate Crisis at Home and Abroad" to reduce GHG emissions and DoD's Carbon footprint;
- DoD Mission Assurance and Component priority;

- Integration of distributed generation or storage to improve energy resilience;
- Inclusion in installation, region, department or component energy plan;
- Improvements to energy/water efficiency;
- Implementation of technologies validated in a test bed demonstration program.

The ERCIP funds a variety of requirements that save energy which in turns reduces greenhouse gas emissions, reduce DOD's energy costs, improve energy resilience and contribute to mission assurance. In addition, DOD is focusing on the security implications of climate change. Through the ERCIP, DOD is pursuing ways to assist in rapidly lowering global carbon emissions, while also enhancing resilience to climate change. The program supports construction of new, high-efficiency energy systems and the improvement and modernization of existing systems to include clean and renewable energy technologies. Projects are designed to provide maximum energy benefit to the installation through minimizing energy consumption and improving energy resilience.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long-and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988, Floodplain Management, and 11990, Protection of Wetlands, and the Floodplain Management Guidelines of the U.S. Water Resources Council. Projects have been sited to avoid or reduce the risk of flood loss, minimize the impact of floods on human safety, health and welfare, preserve and enhance the natural and beneficial values of wetlands and minimize the destruction, loss or degradation of wetlands.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL

In accordance with Public Law 90480 and the Americans with Disabilities Act Accessibility Guidelines, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PLANNING IN THE NATIONAL CAPITAL REGION

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the Commission's annual review of the Future Years Defense Plan (FYDP). Construction projects within the District of Columbia with the exception of the Bolling/Anacostia area are submitted to the commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (P.L. 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.