



THE PRESIDENT’S FY18 BUDGET: WHAT IT MEANS FOR CLIMATE, RENEWABLE ENERGY, & AIR QUALITY

On May 23, the White House released its full [budget](#) – “BUDGET OF THE U. S. GOVERNMENT: A New Foundation For American Greatness” – for the 2018 fiscal year. The budget proposes severe cuts for programs that restore America’s natural resources and protect wildlife and public health, but perhaps some of the most extreme cuts are to climate and renewable energy programming. Entire agencies, research areas, grants, loan guarantee programs, and other investments are marked for elimination. Many of these deep climate-related cuts would be felt most by the Environmental Protection Agency, but other agencies such as the Department of Energy, National Oceanic and Atmospheric Administration, Department of Interior, and State Department would be affected too. And, responsibility for some current federal functions – such as air quality monitoring – would be shifted to already under-resourced states.

This is a harmful budget proposal that fails to recognize the importance of environmental quality to Americans’ well-being and economic security. Congress should reject this budget proposal and instead draft a budget that better reflects American values and priorities, which include clean air, a stable climate, and protected natural resources.

CLIMATE CHANGE

Virtually all programs focused on climate change pollution reduction, research, data collection, intergovernmental and international collaboration, and technology innovation have been eliminated in the President’s budget. In one of the most telling examples, the EPA’s research Office of Air, Climate, and Energy is renamed the Office of Air and Energy, reflecting the cancellation of all climate-related research priorities. The budget also proposes to reduce funding for disaster planning and climate adaptation, weakening states’ ability to prepare for worsening climate change impacts. Further, the budget slashes climate variability science and carbon sequestration research on our public lands and channels some of those funds to enhanced fossil fuel extraction while shuttering half of the nation’s regional climate adaptation science centers. And, the President seeks to eliminate the U.S. Global Climate Change Initiative and cease all payments to international climate change programs.

Budget cuts and eliminations include:

EPA	FY16 Enacted	FY18 Proposed	% Cut
Research: Air, [Climate], and Energy	\$104,407,900	\$ 30,592,000	- 70.7%
Clean Power Plan Grants to States	\$ 25,000,000	\$ 0	-100.0%
Stratospheric Ozone: Domestic Programs	\$ 5,195,600	\$ 3,687,000	- 29.0%
Stratospheric Ozone: Multilateral Fund	\$ 8,907,000	\$ 0	-100.0%
Federal Vehicle & Fuels Standards & Certif.	\$ 85,613,600	\$ 76,010,000	- 11.2%

GHG Reporting Program (Eliminated: GHG Partnership Pgms, ENERGY STAR, Natural Gas STAR, Global Methane Initiative, AgSTAR, & 11 others)	\$115,688,500	\$ 13,580,000	- 88.3%
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<u>Department of State</u>	<u>FY16 Enacted</u>	<u>FY18 Proposed</u>	<u>% Cut</u>
Global Climate Change Initiative, including Green Climate Fund & Climate Investment Funds (including Clean Technology Fund and Strategic Climate Fund)	\$1,590,000,000	\$ 0	-100.0%

<u>Department of Homeland Security</u>	<u>FY16 Enacted</u>	<u>FY18 Proposed</u>	<u>% Cut</u>
National Flood Insurance Program – Flood Hazard Mapping Program	\$ 190,000,000	\$ 0	-100.0%

<u>Department of the Interior</u>	<u>FY16 Enacted</u>	<u>FY18 Proposed</u>	<u>% Cut</u>
FWS Cooperative Landscape Conservation	\$ 12,988,000	\$ 0	-100.0%
USGS National and Regional Climate Adaptation Science Centers	\$ 26,400,000	\$ 17,400,000	- 34.1%
USGS Climate Research – Climate and Land Use Change mission area (incl. Climate Science Centers)	\$ 139,975,000	\$ 0	-100.0%
BIA Climate Change Impacts/ Cooperative Landscape Conservation/Tribal Climate Resilience	\$ 9,955,000	\$ 0	-100.0%
BLM Climate Change Program	\$ 15,000,000	\$ 0	-100.0%

<u>Department of Commerce</u>	<u>FY16 Enacted</u>	<u>FY18 Proposed</u>	<u>% Cut</u>
National Oceanic and Atmospheric Admin.			
PPA: Regional Climate Data and Information	\$ 37,928,000	\$ 35,698,000	- 6.25%
PPA: Climate Competitive Research	\$ 59,887,000	\$ 38,615,000	- 55.1%
Regional Climate Centers	\$ 3,650,000	\$ 650,000	- 82.2%
Climate Research	\$ 156,722,000	\$ 128,000,000	- 18.3%
Weather & Air Chemistry Research	\$ 102,324,000	\$ 84,887,000	- 17.0%
Sea Grant	\$ 73,000,000	\$ 0	-100.0%

<u>Other</u>	<u>FY16 Enacted</u>	<u>FY18 Proposed</u>	<u>% Cut</u>
National Aeronautics and Space Admin.			
Earth Science Research (inc. elim. of Carbon Monitoring System)	\$ 477,700,000	\$ 406,700,000	- 14.9%
Earth Systematic Missions (inc. elimin. of Pre-Aerosol, Clouds, and ocean Ecosystem (PACE), Orbiting Carbon Observatory (OCO)-3, Radiation Budget Instrument (RBI), Deep Space Climate Observatory (DSCOVR) Earth-viewing instruments, and Climate Absolute Radiance and Refractivity Observatory (CLARREO) Pathfinder)	\$ 914,600,000	\$ 778,000,000	- 14.9%

RENEWABLE ENERGY & ENERGY EFFICIENCY

The President's FY18 budget proposal slashes federal investment in breakthrough clean energy technologies and support to states, individuals, businesses, and localities to implement energy efficiency and other low-carbon measures. Significantly, the budget proposes to eliminate ARPA-E, the Advanced Research Projects Agency for Energy, modeled after the Department of Defense's successful program to accelerate high-potential, high-impact technologies prior to private sector investment.

Department of Energy	FY16 Enacted	FY18 Proposed	% Cut
Advanced Research Projects Agency – Energy	\$ 291,000,000	\$ 0	-100.0%
Energy Efficiency & Renewable Energy, including	\$2,069,194,000	\$ 636,149,000	- 69.3%
Wind Program (Onshore & Offshore)	\$ 95,450,000	\$ 31,700,000	- 66.8%
Solar Program	\$ 241,600,000	\$ 69,700,000	- 71.2%
Geothermal Technologies	\$ 71,000,000	\$ 12,500,000	- 82.4%
Sustainable Transportation	\$ 635,950,000	\$ 183,600,000	- 71.1%
Loan Programs – Innovative Tech. Loan	\$ 23,000,000	\$ 0	-100.0%
Guarantee Pgm & Adv. Vehicle Manuf. Pgm			
Energy Efficiency – Advanced Manufacturing & Building Technologies	\$ 429,000,000	\$ 149,500,000	- 65.2%
Clean Energy Grants (Weatherization Assistance & State Energy Program)	\$ 265,000,000	\$ 0	-100.0%
Elec. Delivery & Energy Reliability R&D (inc. clean energy transmission, smart grid R&D, energy storage)	\$ 206,000,000	\$ 120,000,000	- 41.7%

Health & Human Services Department	FY16 Enacted	FY18 Proposed	% Cut
Low Income Home Energy Assistance Program	\$3,400,000,000	\$ 0	-100.0%

AIR QUALITY

Air quality programs have also taken a big hit in the President's budget, including support to states to monitor harmful pollution and collaborate on air pollution reduction.

EPA	FY16 Enacted	FY18 Proposed	% Cut
Targeted Airshed Grants to States	\$ 20,000,000	\$ 0	-100.0%
Support to States for Air Quality Management	\$144,284,500	\$100,415,000	- 30.4%
Federal Stationary Source Air Regulations	\$ 21,958,000	\$ 16,653,000	- 24.2%
Diesel Emissions Reduction Grant Program	\$ 53,750,500	\$ 10,000,000	- 81.4%
Clean Air Allowance Trading Program	\$ 25,493,000	\$ 18,530,000	- 27.3%

These proposed FY18 funding levels are unworkable and unacceptable. They do not reflect the values Americans place on clean air, protected natural resources, a safe climate, renewable energy, or clean technology innovation. If enacted, these spending levels would result in serious consequences for our natural environment, wildlife, our economy, and our families' health. States would be unable to adequately address the resulting harm or effectively spur the solutions needed to stave off a climate catastrophe. ***Congress must reject the President's FY18 budget and support robust funding for climate science, renewable energy, and clean air for all.***