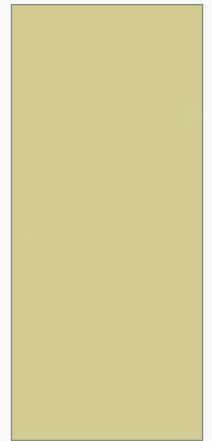


U.S. ENERGY OUTLOOK

JOHN MILLHONE, U.S. FC, TUCSON, MAY 24, 2017



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The outlook is cloudy and uncertain. The best understanding of it can be reached by a description of the major changes of new President Trump and the wide range of challenges to his policies

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The proposed Trump changes:

- The budget cuts the Environment Protection Agency 31 percent, including defunding the Clean Power Plan and international climate change program
- The State Department, USAID and Treasury International Programs are cut 28 percent, including eliminating the USAID Global Climate Change Initiative that funnels \$350 million for renewable energy projects in the developing world.

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The proposed Trump changes:

- The Department of Energy budget cut of 5.6 percent is focused on the Office of Energy Efficiency and Renewable Energy. The reduction sharply reduces funding for the U.S. National Research Laboratories and eliminates the Weatherization Assistance Program that provides grants to states to improve the energy efficiency of the homes of low-income families.
- The budget eliminates the Housing and Urban Development funding for the Low-Income Home Energy Assistance Program (LIHEAP) that provides financial assistance for the energy costs of low income families.

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The proposed Trump changes:

- In addition to these budget cuts, major reductions are being initiated in energy efficiency and clean energy regulations.

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The reaction to these proposed changes has been immediate, widespread and increasing:

- The unprecedented March for Science on Saturday drew large and energized crowds on Washington's mall and in cities throughout the world.
- A March for action on Climate Change programs next Saturday is expected to also draw a large crowd.
- California, Minnesota, and other states are showing leadership in energy and environmental programs.

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The reaction to these proposed changes has been immediate, widespread and increasing:

- Energy and environmental public interest groups are aggressively initiating and expanding energy and environmental programs that are gaining growing public support.
- There is a growing recognition among the constituents of U.S. Senator and Representatives that they would lose benefits from some of the proposed changes.

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As these changes and responses shape the future there will be an important role for science, engineering and education in shaping a sustainable world.