



# Energy-Saving

HOMES, BUILDINGS,  
& MANUFACTURING

U.S. DEPARTMENT OF  
**ENERGY** | Energy Efficiency &  
Renewable Energy

## The President's Climate Action Plan: Energy Efficiency

Rick Duke, Associate Director for Climate Change, CEQ/DPC

June 28, 2013

# The State of the Union and Energy Efficiency

“ I’m also issuing a new goal for America: Let’s cut in half the energy wasted by our homes and businesses over the next 20 years.”

- President Obama, State of the Union  
February 12, 2013



Official White House Photo by Chuck Kennedy

# The President's Climate Action Plan: Overview

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## Cut Carbon Pollution in America

- I. Deploying Clean Energy
- II. Building a 21<sup>st</sup>-Century Transportation Sector
- III. Cutting Energy Waste in Homes, Businesses, and Factories
- IV. Reducing Other Greenhouse Gas Emissions
- V. Leading at the Federal Level

## Prepare the United States for the Impacts of Climate Change

- I. Building Stronger and Safer Communities and Infrastructure
- II. Protecting our Economy and Natural Resources
- III. Using Sound Science to Manage Climate Impacts

## Lead International Efforts to Address Global Climate Change

- I. Working with Other Countries to Take Action to Address Climate Change
- II. Leading Efforts to Address Climate Change through International Negotiations



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## The President's Climate Action Plan: Energy Efficiency

Kathleen Hogan, Deputy Assistant Secretary for Energy Efficiency

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# The President's Climate Action Plan: Energy Efficiency

1. New Goal for Energy Efficiency Standards
2. Expanding the President's Better Buildings Challenge
3. Leading at the Federal level in Clean Energy and Energy Efficiency
4. Leading International Efforts to Improve Energy Efficiency



## THE PRESIDENT'S CLIMATE ACTION PLAN

# New Goal for Energy Efficiency Standards

- New minimum efficiency standards established in the first term will:
  - Cut consumers' electricity bills by hundreds of billions of dollars
  - Save enough electricity to power more than 85 million homes for 2 years
- **New Goal:** Efficiency standards for appliances and Federal buildings set in both terms will reduce carbon pollution by at least 3 billion metric tons cumulatively by 2030



# Expanding the President's Better Buildings Challenge

- The Better Buildings Challenge aims to achieve 20% greater energy efficiency in commercial and industrial buildings by 2020
- More than 120 organizations are on track to meet the goal, representing over 2 billion square feet
- Members have cut energy use by an average of 2.5% annually, equivalent to about \$58 million in energy savings per year



## Next Steps:

- Expand the Better Buildings Challenge to multifamily housing, partnering with private and affordable building owners and public housing agencies to cut energy waste
- Establish Better Buildings Accelerators in several areas

# Leading in Clean Energy at the Federal Level

- Between 2008 and 2012, Federal agencies reduced greenhouse gas emissions by more than 15% - the equivalent of permanently taking 1.5 million cars off the road
- **New Goal:** The Federal government will consume 20% of its electricity from renewable sources by 2020 – more than double the current goal of 7.5% in 2013



# Leading in Energy Efficiency at the Federal Level

- The President's Performance Contracting Challenge asks the Federal government to enter into a minimum of \$2 billion in performance-based contracts by December 2013
- Federal agencies have committed to a pipeline of nearly \$2.3 billion from over 300 reported projects
- **Next Steps:** The Administration will strengthen energy efficiency in Federal buildings on several fronts, by:
  - Initiating a partnership with the private sector to work towards a standardized contract to finance Federal investments in energy efficiency
  - Directing agencies to work together to synchronize building codes to improve the efficiency of Federal buildings
  - Leveraging the Green Button standard within Federal facilities to increase their ability to manage energy consumption and meet sustainability goals

# Leading International Efforts to Improve EE

- The Administration has promoted energy efficiency through the Clean Energy Ministerial and key bilateral programs
- The Ministerial's Super-Efficient Equipment and Appliance Deployment Initiative and its Global Superior Energy Performance Partnership are helping to accelerate the global adoption of standards and practices to cut energy waste
- **Next Steps:** We will work to expand these efforts focusing on several critical areas, including:
  - Improving building efficiency
  - Reducing energy consumption at water and wastewater treatment facilities
  - Expanding global appliance standards





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