

# Twenty In Ten: Strengthening America's Energy Security

Tonight, President Bush Will Ask Congress And America's Scientists, Farmers, Industry Leaders, And Entrepreneurs To Join Him In Pursuing The Goal Of Reducing U.S. Gasoline Usage By 20 Percent In The Next Ten Years – **Twenty In Ten**. For too long, our Nation has been dependent on oil. America's dependence leaves us more vulnerable to hostile regimes, and to terrorists – who could cause huge disruptions of oil shipments, raise the price of oil, and do great harm to our economy.

**America Will Reach The President's Twenty In Ten Goal By:**

- **Increasing The Supply Of Renewable And Alternative Fuels By Setting A Mandatory Fuels Standard To Require 35 Billion Gallons Of Renewable And Alternative Fuels In 2017 – Nearly Five Times The 2012 Target Now In Law.** In 2017, this will displace 15 percent of projected annual gasoline use.
- **Reforming And Modernizing Corporate Average Fuel Economy (CAFE) Standards For Cars And Extending The Current Light Truck Rule.** In 2017, this will reduce projected annual gasoline use by up to 8.5 billion gallons, a further 5 percent reduction that, in combination with increasing the supply of renewable and alternative fuels, will bring the total reduction in projected annual gasoline use to 20 percent.

**The President's Plan Will Help Confront Climate Change By Stopping The Projected Growth Of Carbon Dioxide Emissions From Cars, Light Trucks, And SUVs Within 10 Years.**

**The President's Plan To Strengthen America's Energy Security Also Includes:**

- **Stepping Up Domestic Oil Production In Environmentally Sensitive Ways.**
- **Doubling The Current Capacity Of The Strategic Petroleum Reserve (SPR) To 1.5 Billion Barrels By 2027.**

**Reducing Gasoline Consumption Through The Growth Of Alternative Fuel Sources**

**The President's Plan Calls For Facilitating The Growth Of Renewable And Alternative Fuel Sources By Increasing The Size And Expanding The Scope Of The Current Renewable Fuel Standard (RFS).**

- The RFS, established by the President and Congress in the Energy Policy Act of 2005, has contributed to the rapid acceleration of the development and use of renewable fuels. Significant ongoing technological advances have made it possible to increase and expand the standard to displace even larger volumes of gasoline.
- Under current law, fuel blenders must use 7.5 billion gallons of renewable fuels in 2012.
- Under the President's proposal, the fuel standard will be set at **35 billion gallons of renewable and alternative fuels in 2017**. This will displace 15 percent of projected annual gasoline use in 2017. The President's proposal will also increase the scope of the current Renewable Fuel Standard (RFS), expanding it to an Alternative Fuel Standard (AFS).
  - The Alternative Fuel Standard will include sources such as corn ethanol, cellulosic ethanol, biodiesel, methanol, butanol, hydrogen, and alternative fuels.
- The increased standard will contain multiple "safety valves."
  - The EPA Administrator and the Secretaries of Agriculture and Energy will have authority to waive or modify the standard if they deem it necessary, and the new fuel standard will include an automatic "safety valve" to protect against unforeseen increases in the prices of alternative fuels or their feedstocks.

- **American Technology And Innovation Will Lead To Energy Security.** President Bush believes our scientists, farmers, entrepreneurs, and industry leaders will continue to lead the world in developing and investing in cutting-edge technology, infrastructure, and farming methods. Advances in many fields will play an important role, such as continued improvement in crop yields, optimization of crops and cellulosic materials as fuel feedstock, and cost reduction in the

deployment of real-time traffic information. In one year, this wasted fuel accounts for more than 20 million metric tons of carbon dioxide emissions.

### Stepping Up Domestic Oil Production In Environmentally Sensitive Ways

#### **The President Calls For Stepping Up Domestic Oil Production In Environmentally Sensitive Ways By:**

- Continuing to support Congressional action to authorize environmentally responsible oil and gas exploration in a small area of the Arctic National Wildlife Refuge located in northern Alaska, which could produce as much as 1 million barrels of oil per day – Congress reserved this small area after the late 1970s oil shocks to help prevent future ones.
- Continuing to work with Congress to develop legislation to encourage investments in refinery capacity.
- Continuing to encourage all parties to resolve remaining issues regarding the Alaska Natural Gas Pipeline.

### Doubling The Current Capacity Of The Strategic Petroleum Reserve

**The President Proposes Doubling The Current Capacity Of The Strategic Petroleum Reserve (SPR) To 1.5 Billion Barrels By 2027.** The SPR's purpose is to provide the United States with an emergency inventory of oil, an insurance policy in the event of a severe supply disruption, such as from a natural disaster or a terrorist attack in the energy supply chain. Doubling the SPR alone will provide approximately 97 days of net oil import protection, enhancing America's ability to respond to potential oil disruptions.

- **The SPR Is Currently At 691 Million Barrels And, Due To Increased Consumption, This Represents Only 55 Days Of Net Oil Imports.** In 1985, the SPR, with 493 million barrels of oil, represented 118 days of net oil imports.

### Our Nation Has Already Made Great Progress In Strengthening Our Energy Security

**Technology Has Enabled Us To Make Significant Progress.** We need to continue with important research into plug-in and advanced hybrid vehicles, and expand the use of high efficiency clean diesel vehicles and biodiesel fuel. We must continue investing in new methods of producing ethanol and other biofuels. We must further expand the use of clean coal technology, solar and wind energy, and clean, safe nuclear power.

**Including The 2008 Budget, The Federal Government Will Have Spent \$15 Billion Since 2001 To Develop Cleaner, Cheaper, More Efficient, And More Reliable Energy Sources.**

**The President Signed The Gulf Of Mexico Energy Security Act To Increase Domestic Oil And Gas Production By Allowing Access To Key Portions Of America's Outer Continental Shelf.** This allows access to areas with potential resources of more than 1 billion additional barrels of oil and nearly 6 trillion cubic feet of natural gas.

### The President's Plan Enables Us To Further Enhance Our Energy Security

**Technology Will Help Diversify America's Energy Supply.** America is close to technological breakthroughs that will decrease our oil dependency, protect our environment, and help us confront the serious challenge of global climate change. The President's new proposals build upon the advances made possible by the Administration's previous initiatives, including the Advanced Energy Initiative, American Competitiveness Initiative, and the Energy Policy Act of 2005.

#### **Energy Security Will Be Further Enhanced By:**

- **Increasing The Transportation Sector's Energy Diversity.** Increasing renewable and alternative fuels used in automobiles from 3 percent in 2006 to 15 percent in 2017 can give drivers a built-in defense against supply disruptions and high gasoline prices.
- **Increasing The Supply Of Oil Alternatives And Reducing Oil Demand.** The President's plan will reduce our oil

consumption by 10 percent in 2017, or 2 million barrels per day. Increasing the supply of oil alternatives and reducing oil demand could slow the growth of oil prices and lower the price over time, increasing our energy security.

- **Building Resilience Through Doubling The Current Capacity Of The Strategic Petroleum Reserve.** Uninterrupted oil supply is critical to our energy security. Increasing oil reserves strengthens our ability to respond to oil shortages and reduces our vulnerability to terrorist attacks on energy supplies and infrastructure.

**The President's 2008 Budget Continues Robust Funding For Advanced Energy Technologies That Can Help Reduce Our Dependence On Foreign Oil And Provide Clean, Lower Carbon Energy To Change The Way We Power Our Homes And Businesses.** The 2008 budget includes nearly \$2.7 billion for the Advanced Energy initiative, an increase of 26 percent above the 2007 request and 53 percent above 2006. The 2008 budget provides \$179 million for the President's Biofuels Initiative, an increase of \$29 million (19 percent) compared to the 2007 budget. The President's Biofuels Initiative aims to accelerate cost reduction and commercial development of cellulosic ethanol, which can be made from abundant biomass materials, including agricultural waste and forest residues, and from dedicated energy crops such as switchgrass.

**The President's Farm Bill Proposal Will Include More Than \$1.6 Billion Of Additional New Funding Over Ten Years For Energy Innovation, Including Bio-Energy Research, Energy Efficiency Grants, And \$2 Billion In Loans For Cellulosic Ethanol Plants.**

### The Administration's Ongoing Energy Policy

**The Administration's 2001 National Energy Plan Provided A Blueprint For Diversifying And Conserving Our Energy Resources To Increase Our Energy Security.**

- **Energy Policy Act Implementation:** In August 2005, the President signed the Energy Policy Act of 2005, which was a significant first step towards achieving greater energy security. Among its many achievements, the Energy Policy Act established the Renewable Fuel Standard that has increased the use of biofuels; provided incentives for renewable energy, clean coal, and advanced nuclear energy; and instituted mandatory reliability rules for the electricity grid and promoted investment in transmission upgrades.
- **Advanced Energy Initiative:** Building upon the Energy Policy Act's clean energy foundation, the President announced the Advanced Energy Initiative in the 2006 State of the Union Address. The Advanced Energy Initiative focuses on increasing R&D to encourage technological breakthroughs in the transportation and power sectors that will diversify our resource portfolio and reduce our dependence on foreign oil in order to strengthen our energy security. The Advanced Energy Initiative also incorporates the Global Nuclear Energy Partnership, aimed at reducing proliferation risks while expanding availability of clean, safe, climate-friendly nuclear energy.