



# Biomass Research and Development Technical Advisory Committee



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# Interior's Varied Missions:

Conservation, Recreation,  
Cultural, Historical, Energy, Water,  
Lands



# PRESIDENT OBAMA's "All of the Above" Strategy:

## Strategy

- Efficiency
- New technologies
- Safe, responsible domestic production
- Clean, renewable energy



## Benefits

- Reduced dependence on foreign oil
- Less vulnerability to price spikes
- Jobs in the USA
- Local energy resources
- Cleaner, safer, more reliable and sustainable



# President's Climate Action Plan

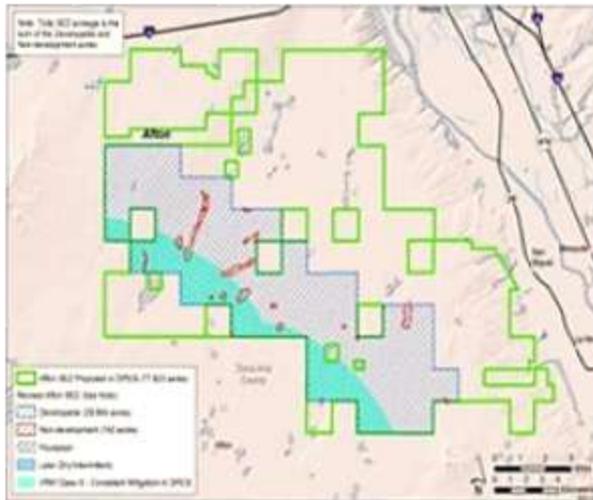
## Interior's Role:

- Accelerating clean energy production
- Expanding and modernizing the grid
- Understanding impacts on our resources
- Protecting natural systems



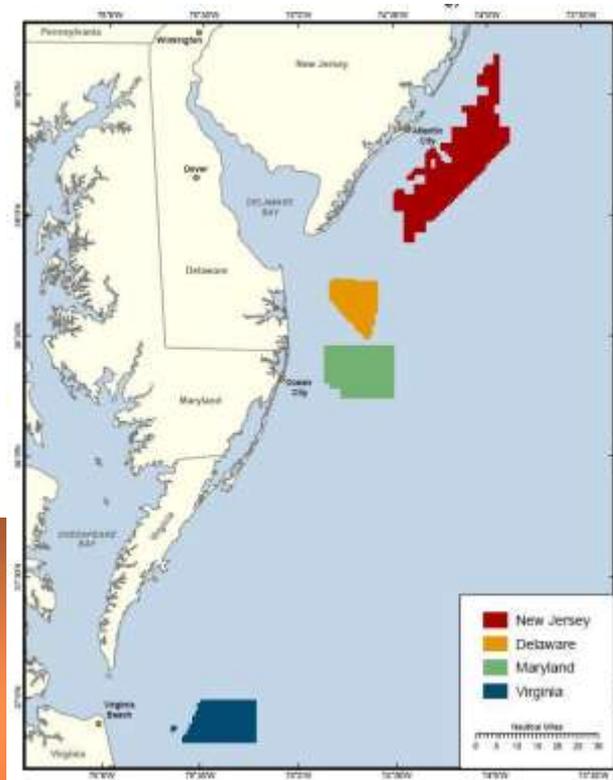
## Some of our Successes and Plans

- Landscape-level planning
  - Western Solar Plan
- Mitigation policies
- Wind energy “Smart From Start”



1962-80 C-55 2 Proposed Oil/Gas as Described in the Supplement

# PRESIDENT OBAMA: New Renewable Energy Challenge



## Goal of 20 GW by 2020

- DOI met the 10 GW goal in Oct. 2012 with a total of 13.3 GW approved to date



# Offshore Wind Potential

## Atlantic Wind: A World-Class Resource

- More than current US electric generation



**Wind Energy Areas –  
Smart from the Start**

Wind Power Class	Resource Potential
3	Fair
4	Good
5	Excellent
6	Outstanding
7	Superb





# Onshore Renewable Energy

**DOI approved 47 projects since 2009 (13.3 GW)**

- 25 Solar (8 GW)
- 10 Wind (4.7 GW)
- 12 Geothermal (0.6 GW)

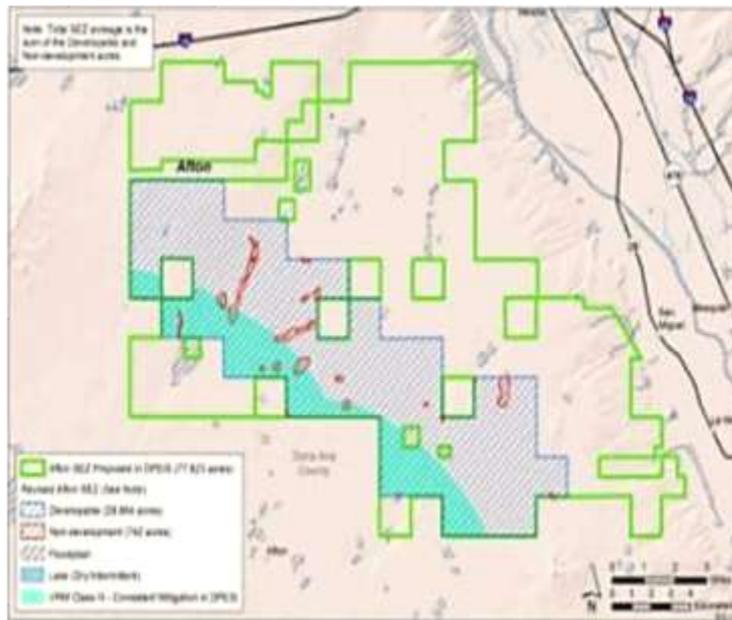


FIGURE C-51-2 Proposed Alton SEZ as Described in this Supplement

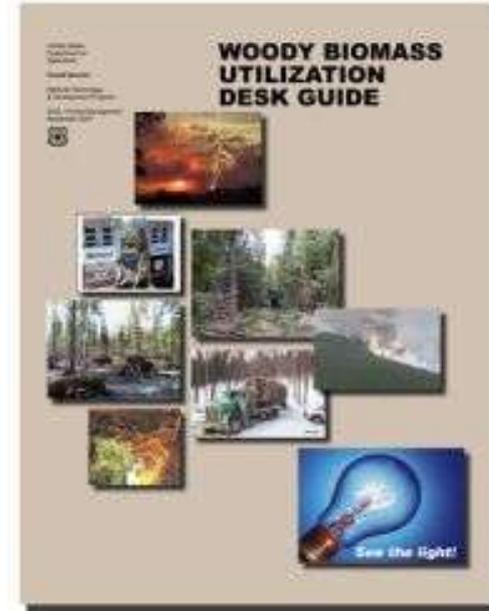




# Onshore Renewable Energy

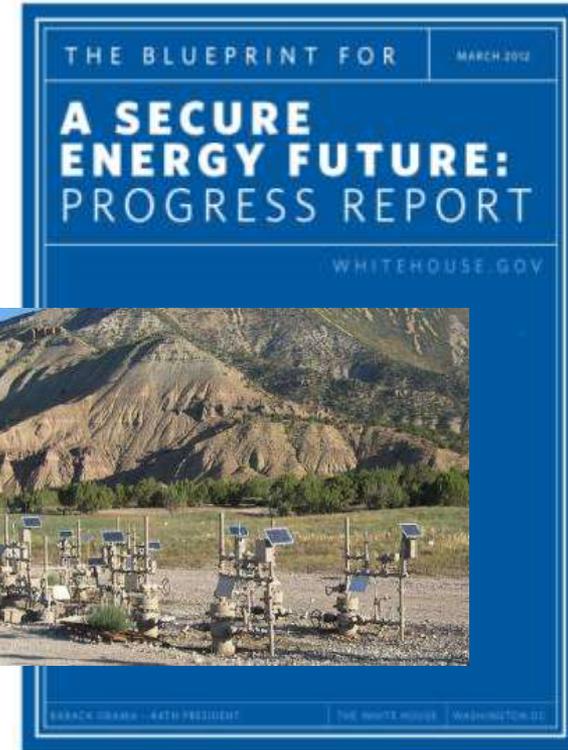
## Woody Biomass Utilization

- BLM manages 65 million acres of woodlands and forests
- Stewardship contracting to improve forest health
- Marketing and transportation are barriers
- BLM offered 146,000 tons of biomass for sale in 2012 and 26 stewardship contracts



# Conventional Energy

- **Onshore Federal lands produced (in 2012)**
  - 41 % of the Nation's coal
  - 40 % of the Nation's geothermal capacity
  - 13 % of domestic natural gas
  - 5 % of domestic oil (7 % increase from 2011)
- **Foreign imports less than 50% consumption**
- **Gulf of Mexico**
  - 112 new deepwater permits approved in 2012 and 37 deepwater rigs drilling at end of 2012
  - 4.8 million BBLs & 1.6 TCF gas produced in 2012
- **2012-2017 OCS leasing plan**
  - Access to 75% of areas with undiscovered technically recoverable resources, with 2 sales held





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