



Wind Energy – Federal Agency Overview

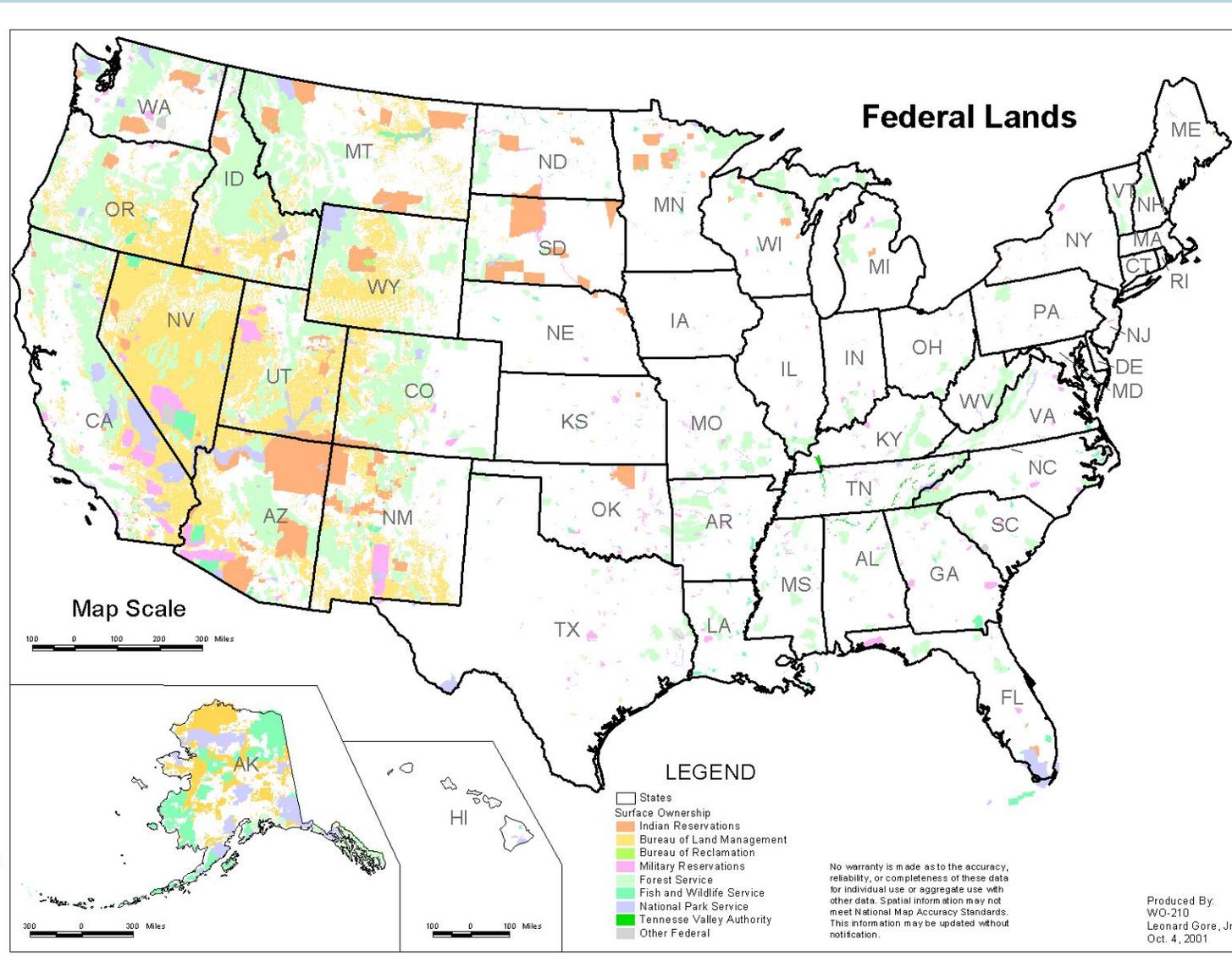
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Bureau of Land Management
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Federal Agency Lands

(MMS offshore areas not depicted on map)



Federal Agency Authorities

Bureau of Land Management (BLM)

- Federal Land Policy and Management Act
- Right-of-Way Regulations



US Forest Service (USFS)

- Organic Act
- Federal Land Policy and Management Act
- Special Use Regulations



Minerals Management Service (MMS)

- Outer Continental Shelf Lands Act
- Energy Policy Act – Section 388
- Regulations pending



Federal Agency Overview

BLM

- Existing Right-of-Way Regulations
- Final Programmatic Wind Energy EIS
- Wind Energy Policies
- Wind Energy Best Management Practices (BMPs)

USFS

- Existing Special Use Regulations
- Draft Wind Energy Directives

MMS

- Final Programmatic Alternative Energy EIS
- Alternative Energy Policies
- Alternative Energy BMPs
- Pending Regulations



Agency Timelines

BLM

- Oct 2002 – Interim Wind Energy Policy
- Sept 2004 – Draft Wind Energy EIS
- June 2005 – Final Wind Energy EIS
- Aug 2005 – Energy Policy Act*
- Oct 2005 – Final Wind Energy Policies and BMPs

USFS

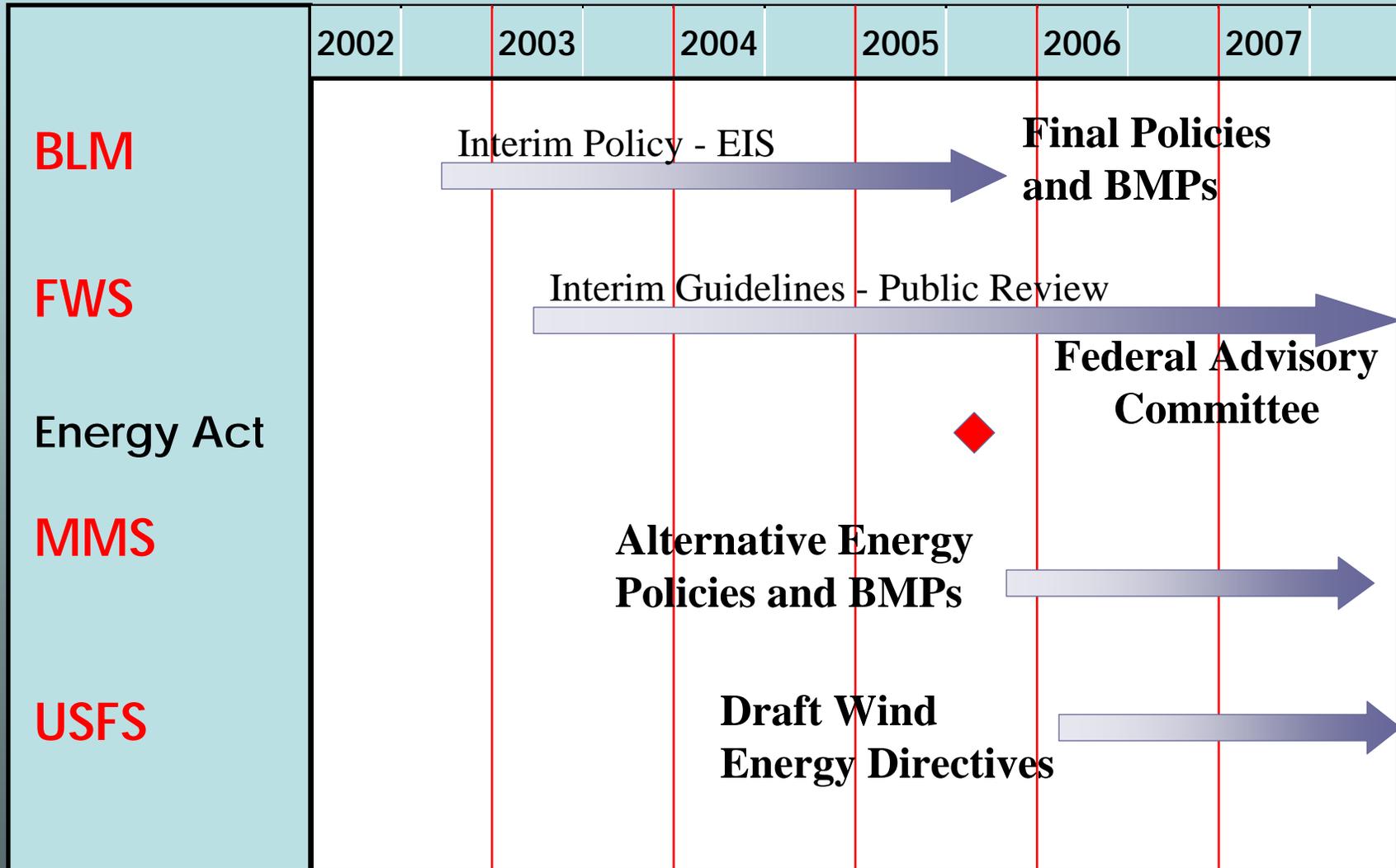
- Aug 2005 – Energy Policy Act*
- Sept 2007 – Draft Wind Energy Directives

MMS

- Aug 2005 – Energy Policy Act*
- Dec 2005 – Advance Notice of Proposed Rulemaking
- Nov 2007 – Final Alternative Energy EIS
 - Interim Policy for Limited Leasing
- Dec 2007 – Alternative Energy Policies and BMPs



FEDERAL AGENCY TIMELINES



Level of Activity

BLM

161 authorized leases (site testing/development)

173 applications (site testing/development)

USFS

6 authorized leases (site testing)

10 applications (site testing/development)

MMS

28 offshore lease nomination areas for wind

2 pre-EPA Act applications (Cape Wind and Long Island)



Agency Goals

Respond to Energy Policy Act of 2005
and Renewable Energy Priorities

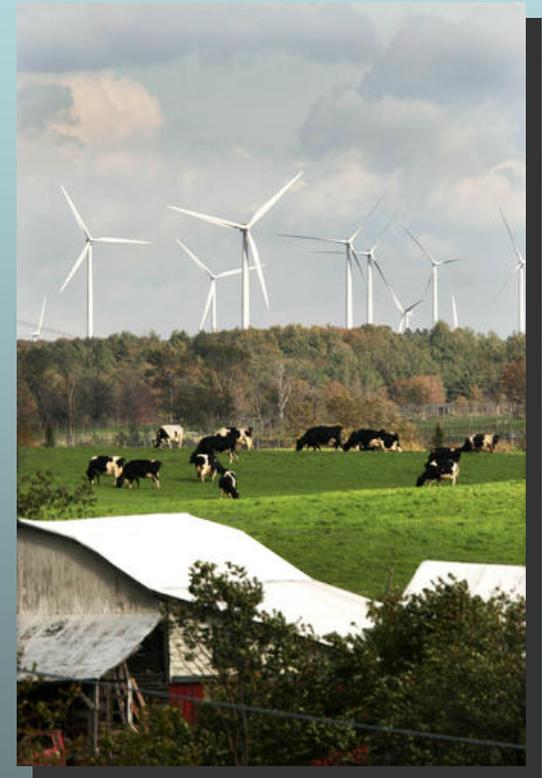
Balance Resource Use with
Protection of Resources

Streamline Permitting Processes

Establish Internal Agency Consistency

Facilitate Inter-Agency Coordination

Respond to Local Community and Broader Public Needs



Policies and BMPs

BLM – Final Policies and BMPs established October 2005

- 3-year Site Testing ROW Authorizations
- Wind Development ROW Authorizations
- Exclude Special Management Areas from Development
- Consult with FWS and State Agencies
- Management of Species of Concern
- Surveys to Minimize and Mitigate Avian/Bat Loss
- Avoid Areas of Significant Raptor Risk
- Habitat Restoration Plans
- Reduce Perching and Nesting
- Comply with FAA Lighting Requirements
- Avoid Harassment and Disturbance
- Monitoring Requirements
- Implement Adaptive Management Strategies

Policies and BMPs

USFS – draft Directives September 2007

- Site Testing Special Use Authorizations
- Wind Development Special Use Authorizations
- Exclude Special Management Areas from Development
- Pre and Post Surveys
- Consult with FWS and State Agencies
- Monitoring Requirements
- Comply with FAA Lighting Requirements to Minimize Avian Impacts
- Implement Adaptive Management Strategies

Policies and BMPs

MMS – Interim Policy announced November 2007
- BMPs established December 2007

- 5-year Site Testing Leases
- Request for Lease Nominations
- Exclude Special Management Areas from Development
- Consult with National Marine Fisheries, FWS, and Coastal Zone Management entities
- Surveys to Minimize and Mitigate Avian Loss
- Reduce Perching
- Avoid Nesting Beaches
- Comply with FAA and USCG Lighting to Minimize Avian Impacts
- Implement Adaptive Management Strategies

Future Issues

BLM

Sage Grouse Management



USFS

Bat and Migratory Bird Impacts



MMS

Seabirds and Migratory Birds
Fish and Marine Species



Questions

