

The Rockies as National Energy Supplier:

The Role of Federal Lands and Resources

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“Keeping America competitive requires affordable energy. And here we have a serious problem: America is addicted to oil, which is often imported from unstable parts of the world.”

State of the Union Address By the President

January 31, 2006

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“Build a virtual wall. End our oil addiction. We need to end our dependence on this part of the [Muslim] world for energy, because it is debilitating for us and for them. It is terrible for us, because addicts never tell the truth to their pushers. We are the oil addicts and they are the oil pushers.”

*Thomas Friedman, New York Times,
December 1, 2006*

Energy Is In the News

“Chemical Industry in Crisis – Natural Gas Prices are Up, Factories Closing, and Jobs are Vanishing”

– The Washington Post, March 17, 2004

“Hurricane Katrina – Gas Prices Soar: Gasoline Futures Surge and Crude Prices Rise in Aftermath of Hurricane Katrina”

– The Washington Post, September 2, 2005

“Bush’s Latest Energy Solution, Like its Forebears, Faces Hurdles”

– The Wall Street Journal, February 2, 2006

“Pains at the Pump”

– The Wall Street Journal, May 3, 2006

“Oil prices up on Renewed Supply Concerns”

– Boston Globe, May 10, 2006

“Factors that Pushed Oil Price Up Are Now Pushing it Down”

– Washington Post, September 16, 2006

“America’s \$11 trillion plus economy rests on an energy foundation. Oil, natural gas, coal and nuclear account for about 93% of that foundation. We have to continue to recognize that there is only one [world] oil market and U.S. security resides in the stability of that market.”

*Daniel Yergin,
Chairman of Cambridge Energy Research*

Energy Policy Disconnect



“I think that as the price of gas shoots up, and it’s front page news, you see people scurrying around to hold press conferences to propose different things. Then when it’s off the front page, they move on to different subjects, and that’s unfortunately the history of our energy policy.”

*Senator Jeff Bingaman, (D-N.M.),
In-coming Chair, Senate Energy and Natural Resources Committee
(May 2006)*

Public Energy Resources Contribution to Energy Supply

| | | | |
|---|--------------------|--|-----------------------|
| ❖ | Natural Gas | 35% | (11% on-shore) |
| ❖ | Geothermal | 48% | |
| ❖ | Coal | 41% | |
| ❖ | Wind | 7% | |
| ❖ | Oil | 35% | (5% on-shore) |
| ❖ | Hydropower | 2nd largest producer of hydropower | |

By 2025, 50% of domestic energy supply will be from public resources.

Western Public Lands

- ❖ **258 million acres of BLM surface**
- ❖ **700 million acres of BLM minerals**
 - **58 million acres split estate minerals**
 - **99 million acres of BLM contain:**
 - ❖ **21 billion barrels of oil**
 - ❖ **187 trillion cubic feet of gas**

*BLM EPCA II Study
November 28, 2006*

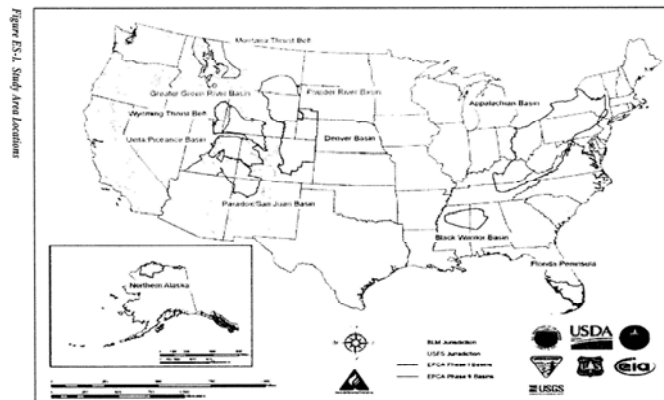
“This growth in energy production on public lands has been driven largely by America’s overdependence on oil... This nation must make a serious commitment to developing new fuels, improving the efficiency of existing fuels, and stimulating responsible production on *non-federal lands*.”

*Representative Nick Rahall, (D-W.Va.),
In-coming Chair House Resources Committee
Inside Energy, December 11, 2006*

“...even with increased energy efficiency and renewable energy, the country is still going to use significant fossil fuel.”

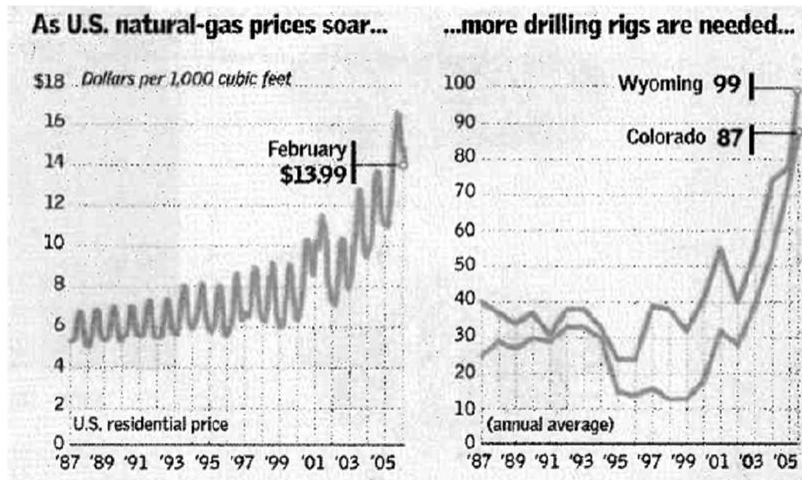
*David Doniger, Natural Resources Defense Council,
High Country News, April 26, 2004*

Energy Policy Conservation Act (EPCA) II Study of federal, oil and gas on-shore



“Some analysts say that natural gas fields in the Rocky Mountains may be the domestic energy industry’s biggest growth story over the next decade. All three pipeline companies have made big commitments to either natural gas production or transportation there.”

New York Times, 2006




Sources: Baker Hughes Inc.; Bloomberg News

Denver Post graphic

In 1973, the U.S. imported 35% of our oil consumption. In 2006, oil imports average 60% of use. U.S. oil demand will expand 34% by 2030 [and oil imports] to 70% of use. “No plausible combination of alternative fuels or ‘conservation’ can soon substitute for that oil.”

*Robert J. Samuelson
Washington Post, October 16, 2006*



**ASSESSING THE POTENTIAL FOR
RENEWABLE ENERGY ON
PUBLIC LANDS**

FEBRUARY 2003

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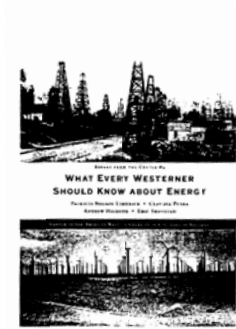
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U.S. DEPARTMENT OF ENERGY
ENERGY EFFICIENCY AND RENEWABLE ENERGY



**“Renewable sources could furnish as much as 25% of
the U.S.’s conventional energy by 2025.”**

*Rand Corporation Study
November 2006*



"To extract fossil fuels, to erect solar and wind energy units, to build electricity generation plants, to string high voltage lines, and to store the by-products of energy production, energy development requires the use of open spaces. Westerners want energy, and they want open spaces."

**Our commitment to Jesus Christ
compels us to solve the global warming crisis.**

"For by Him (Christ) all things were created: things in heaven and on earth." COLLOSSIANS 1:16

As evangelical Christians, we believe we're called to be stewards of God's creation, and after considerable study, reflection, and prayer we are now convinced it's time for our country to help solve the problem of global warming. We are compelled by our deep commitment to Jesus Christ and our study of God's Word. Working together and with God's help, we are convinced that global warming can and must be solved.

It is no small problem. Pollution from vehicles, power plants, and industry is having a dramatic effect on the earth's climate. Left unchecked, global warming will lead to dire droughts, more severe hurricanes, and more devastating floods, resulting in millions of deaths in this century.

Therefore, with the same love of God and neighbor that compels us to preach salvation through Jesus Christ, protect unborn life, promote the family and the sanctity of marriage, defend religious freedom and human dignity, and take the whole Gospel to a hurting world, we the undersigned evangelical leaders resolve to come together with others of like mind to pray and to work to stop global warming.

We call upon our leaders in government and business to act boldly and act the course. Let's solve global warming in a way that creates jobs, cleans up our environment, and enhances national security by reducing our dependence on foreign oil, thereby ensuring a safe and healthy future for our children.

Our sacred commitment to act to solve this crisis is detailed in our Evangelical Call to Action available online at www.christiansandclimate.org. We urge you to join us today.

THE EVANGELICAL CLIMATE INITIATIVE
Working together and with God's help we can make a difference.

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Finding the balance

“First, to what degree does modern society seek security and economic growth and to what degree does it pursue environmental values?

Second, how does one balance “today” against “tomorrow” – the interests of the generations of the 1990s against those who will be living in 2052 and 2092?

What is to be given up today for the benefit of future generations?”

The Prize, Daniel Yergin

BLM Public Land Multiple-Use Management

- ❖ **Protect:** Scientific, scenic, historical, ecological, environmental, air and atmospheric, water resource and archeological values
- ❖ **Provide:** Food and habitat for fish and wildlife and domestic animals; outdoor recreation and human use; domestic sources of minerals, food, timber, and fiber

Federal Land Policy and Management Act (1976)

“Multiple-use management’ is a deceptively simple term [for] an enormously complicated task of striking a balance...”

U.S. Supreme Court, SUWA v. Norton, 124 S.Ct. 2372 (2004)

For More Information

- Assessing the Potential for Renewable Energy on Public Lands (February 2003) www.eere.energy.gov/femp/technologies/renewable_jointstudy.cfm
- BLM Implementation of Energy Policy Act 2005 www.blm.gov/nhp/spotlight/epa2005
- Department of Energy, Energy Information Administration www.eia.doe.gov
- Federal Land Policy and Management Act (FLPMA) 43 U.S.C. § 1701-1785
- Geothermal Steam Act revisions Energy Policy Act of 2005 § § 221-236 (August 2005)
- Healthy Forests Memorandum of Understanding on Policy Principles for Woody Biomass Utilization for Restoration and Fuel Treatment on Forests, Woodlands and Rangelands www.healthyforests.gov/initiative/biomass.html
- Outer Continental Shelf Alternative Energy Authority Energy Policy Act 2005 § 388 (August 2005) www.ocseenergy.anl.gov
- Solar Policy for BLM Lands www.blm.gov/nhp/efoia/wo/fyos/im2005-006.htm (2005)
- Spilt Estates Report www.blm.gov/bm/split_estate.htm (December 2006)
- What Every Westerner Should Know About Energy, Center of the American West www.centerwest.org/energy.html
- Wind Energy Development and BLM Lands – Programmatic Environmental Impact Statement (2006) www.windeis.anl.gov (January 2006)