

The American Energy Odyssey: *Lessons from the Past Decade (2005-2015)*

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Then As Now...

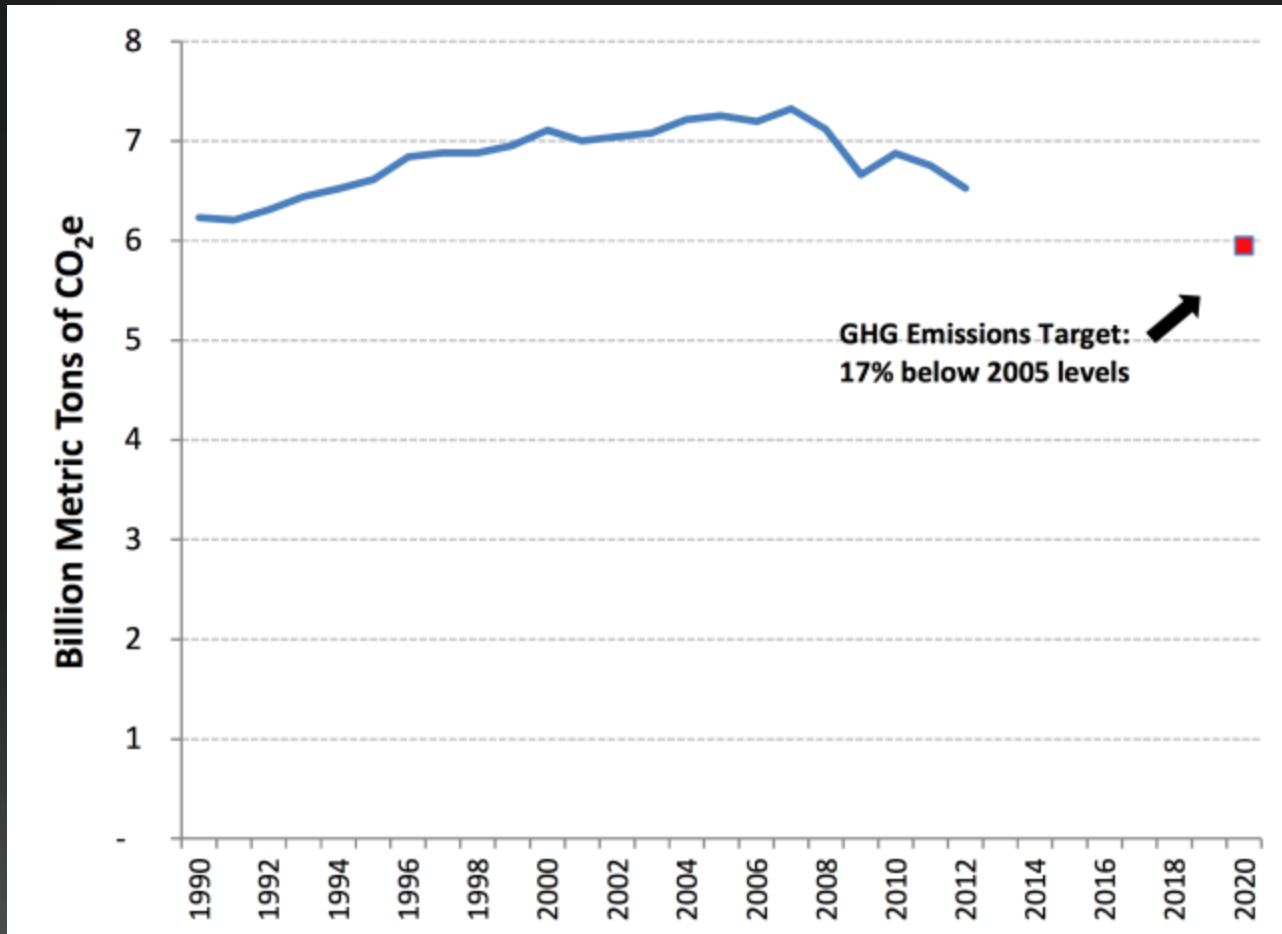
“The Americans can always be trusted to do the right thing, once all other possibilities have been exhausted.”

—Winston Churchill*

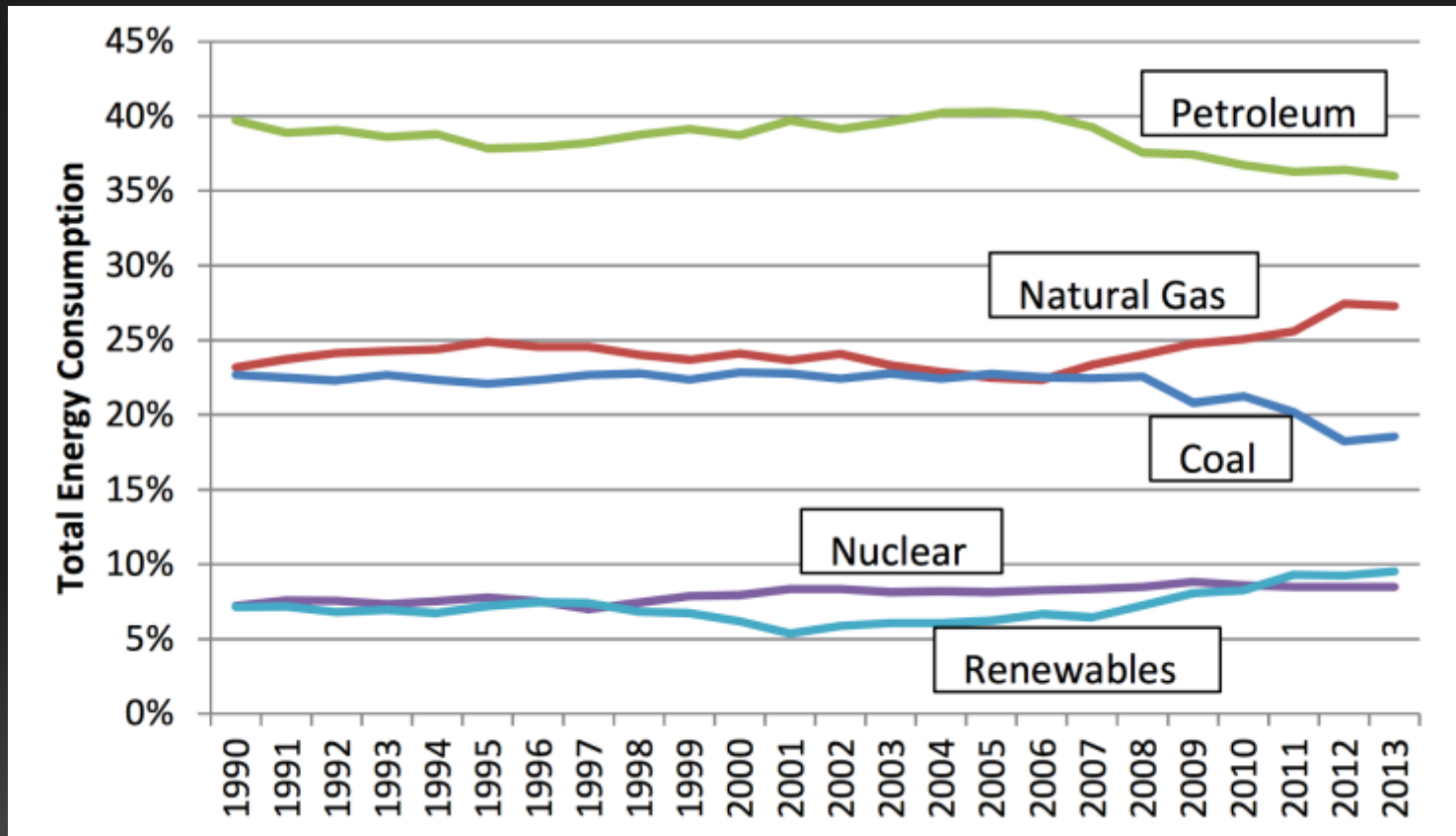


US Greenhouse Gas Emissions (1990-2012)

Excludes Emissions from Land Use, Land-Use Change, and Forestry

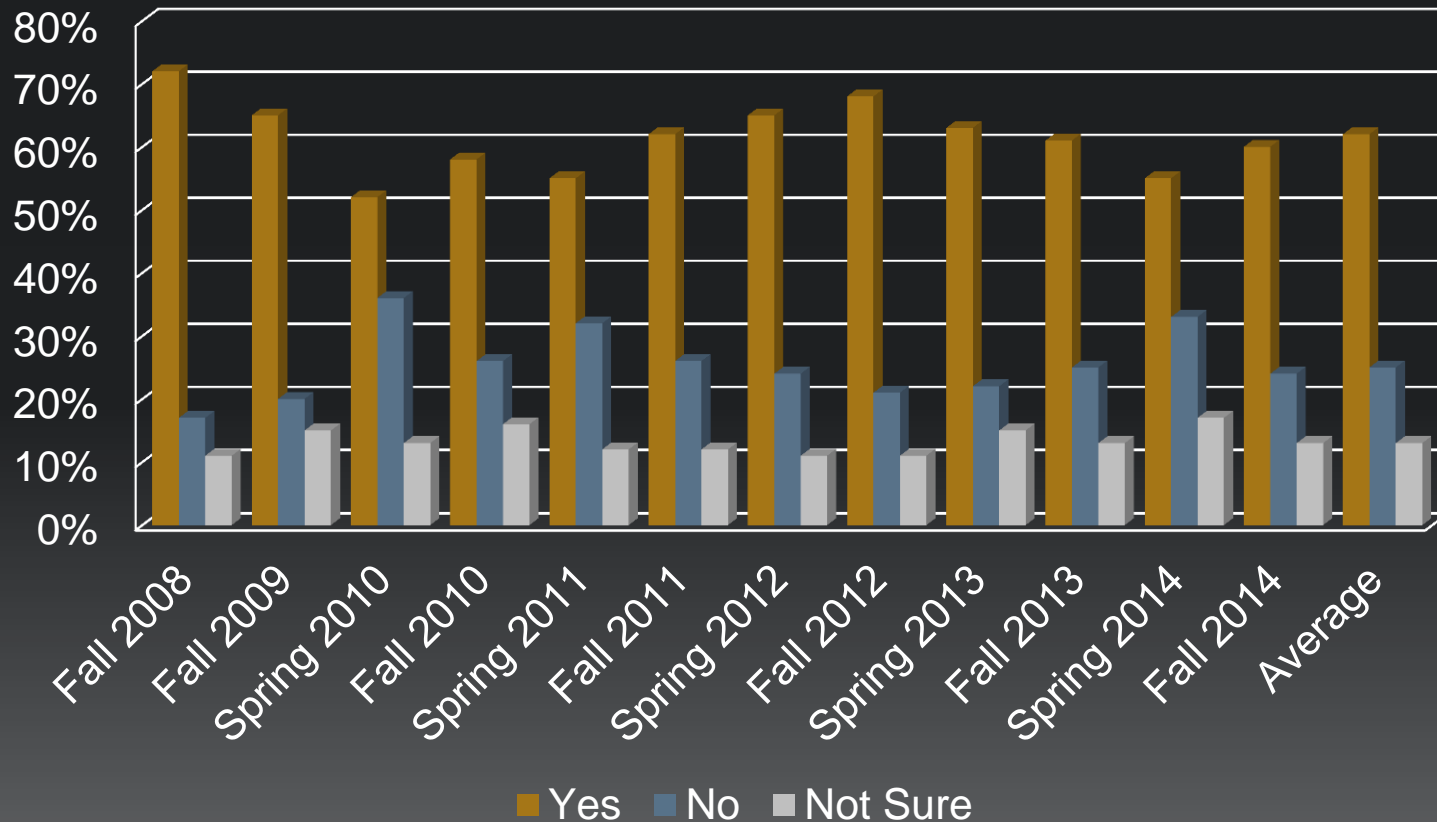


US Energy Consumption by Source (1990-2013)



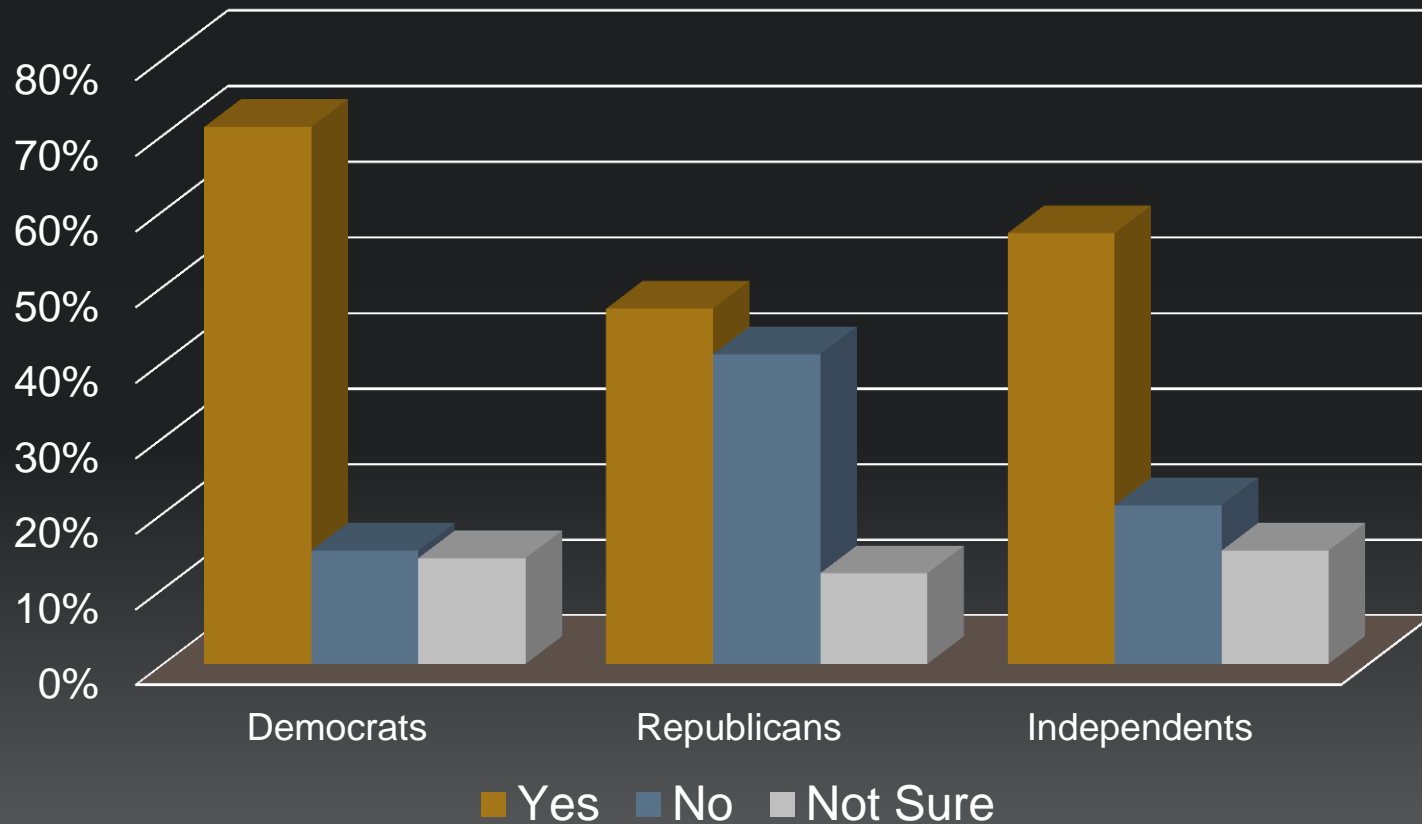
American Views on the Existence of Evidence of Global Warming 2008-2014 : NSEE 2014

“Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?”



Views on the Existence of Evidence of Global Warming, by Partisan Affiliation: NSEE 2014

“Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?”



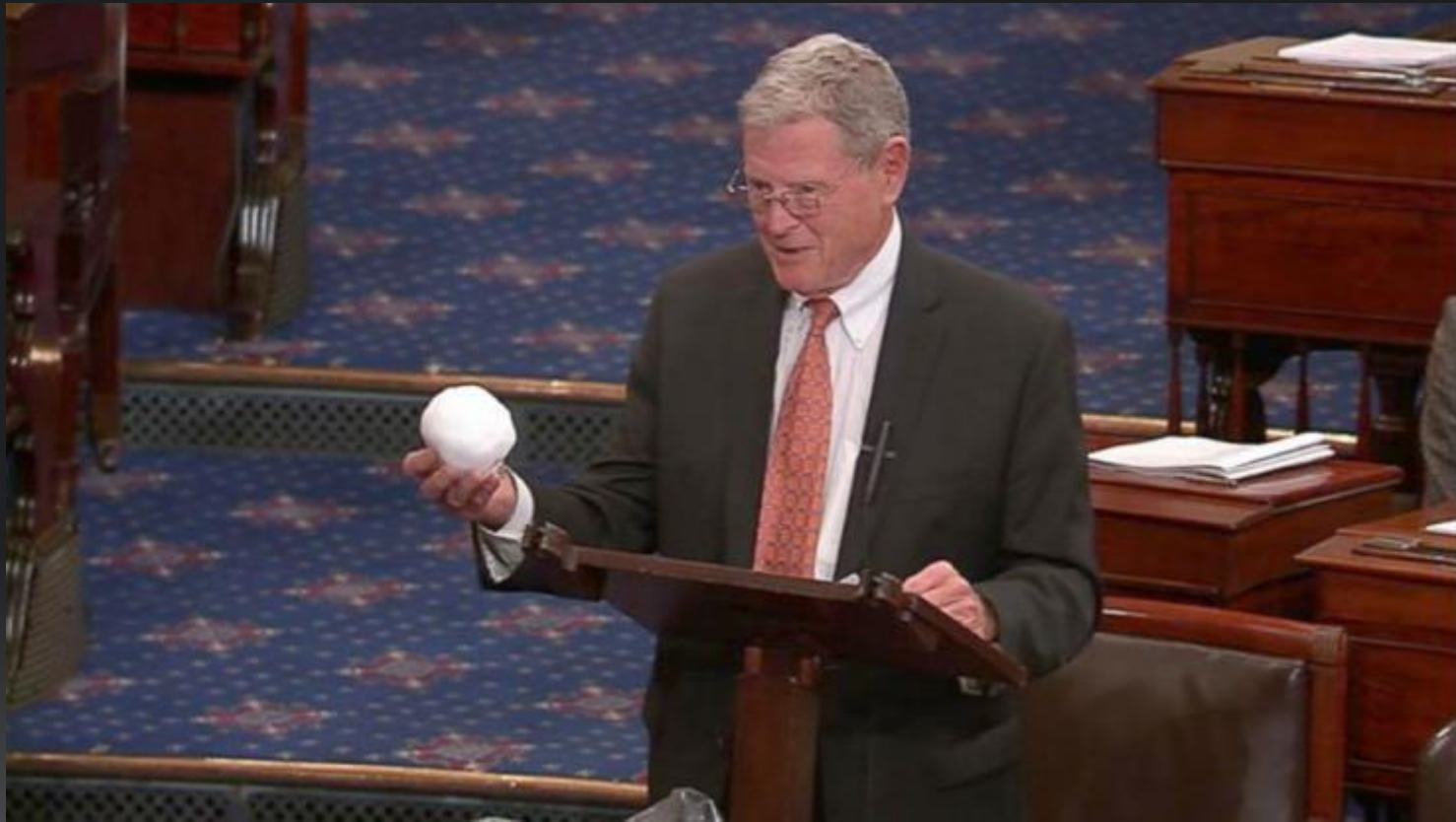
2009: A New Direction from the Executive Branch; Can Congress Respond?



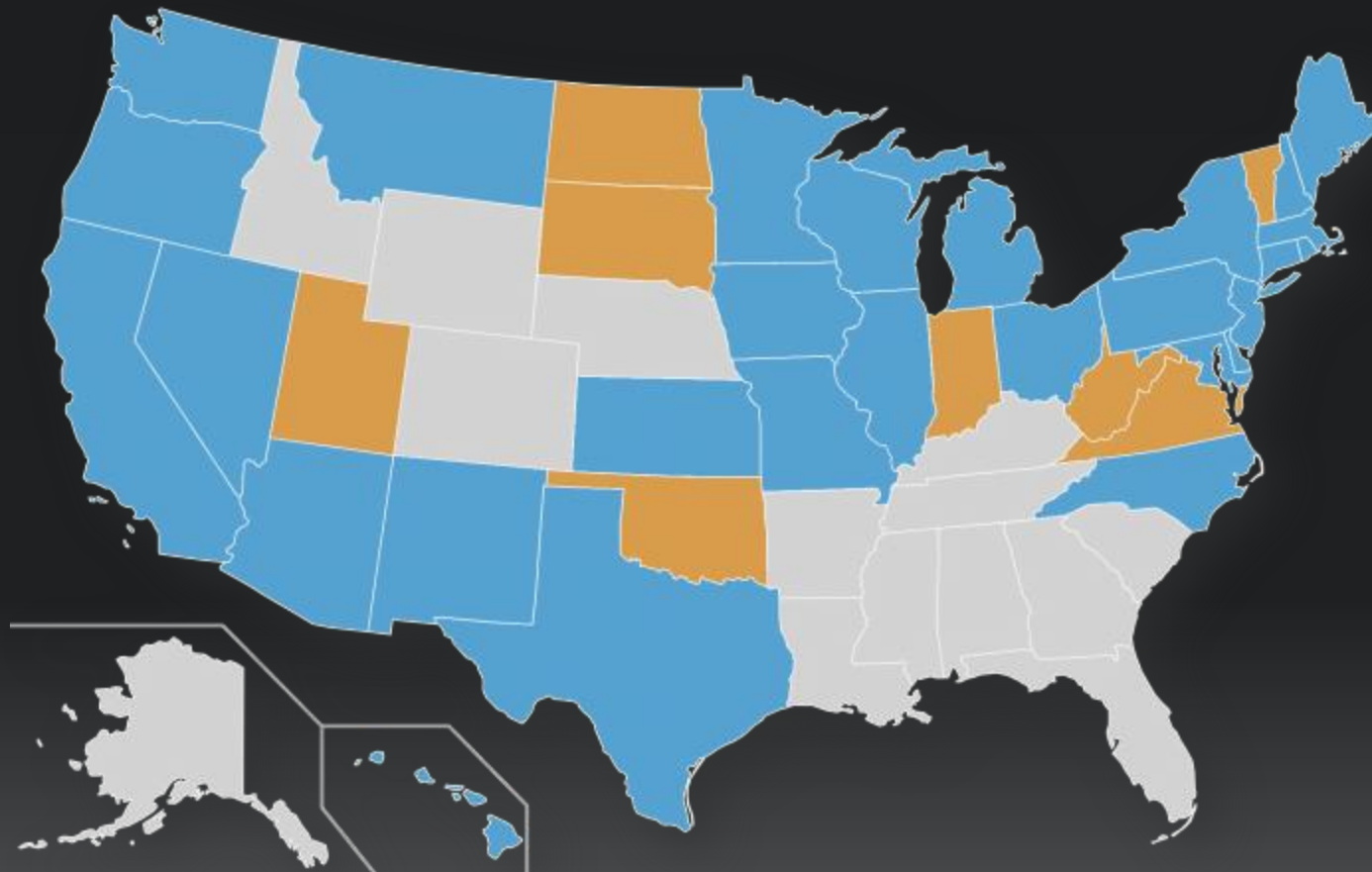
“I call upon this Congress to send me legislation that places a market-based cap on carbon pollution and drives the production of more renewable energy in America.”

—President Obama

2015: Another New Direction from Congress



State Domination: Renewable Portfolio Standards—Durable So Far

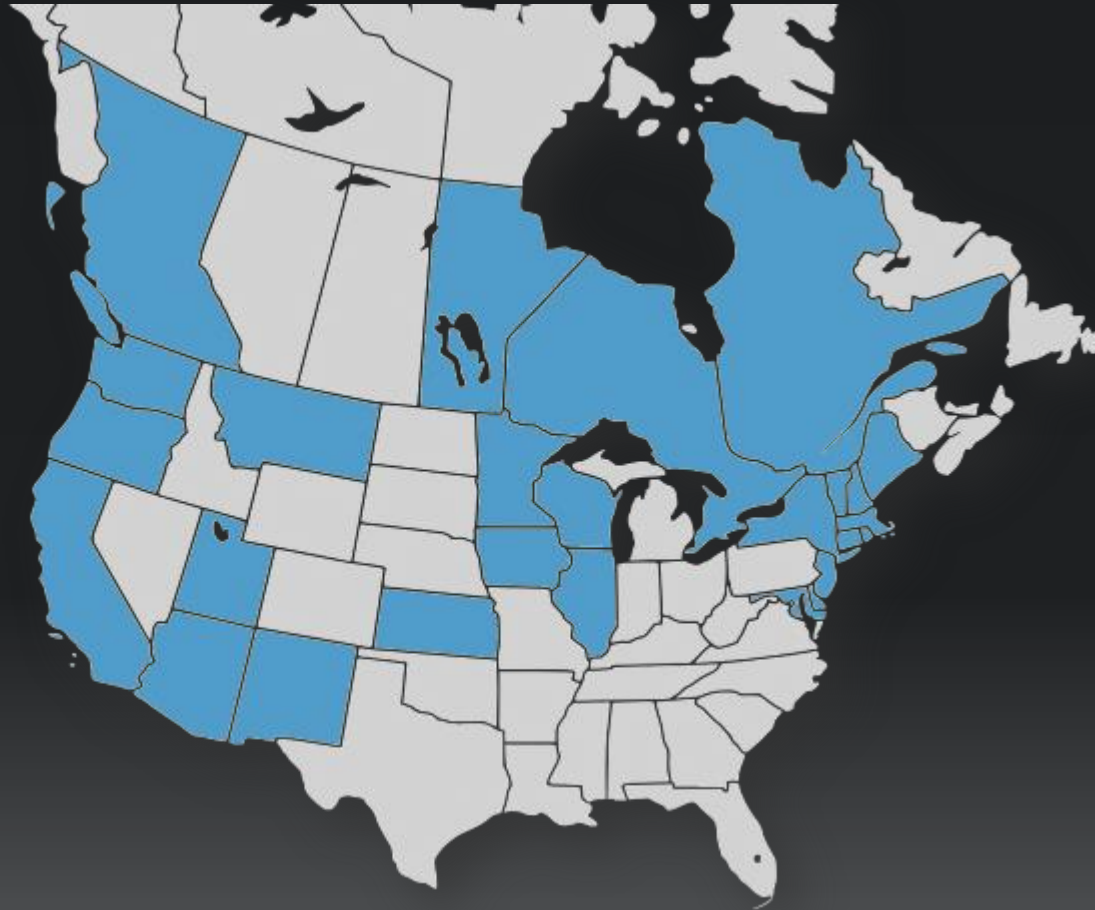


■ Renewable Portfolio Standard
■ Renewable Portfolio Goal

State Experimentation Not-So-Durable: Cap-and-Trade in 2003



State Diffusion: Cap-and-Trade 2008



State Retrenchment: Cap-and-Trade 2015



Enter Contested Federalism: *LET'S MAKE A DEAL*



Clean Power Plan: States Begin to Respond



Go to Court
~14

Texas, Wisconsin



Go Slow
~22

Pennsylvania,
Virginia

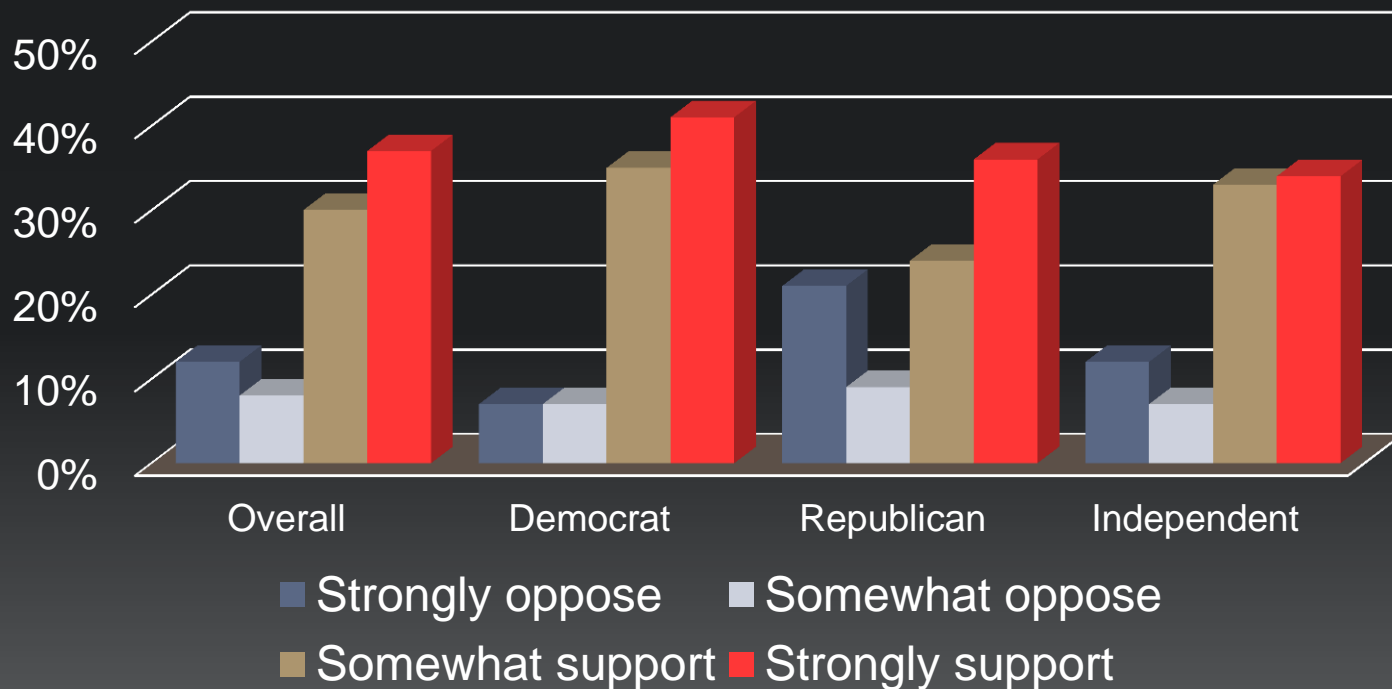


Let's Go
~14

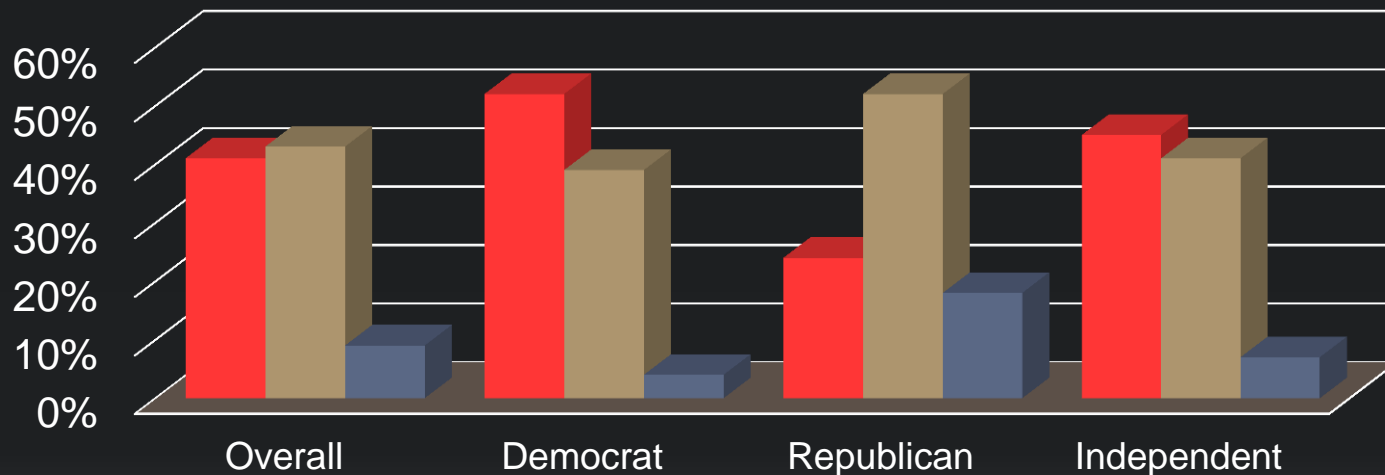
California, New
York



Public Reaction to the Clean Power Plan: NSEEE Fall 2014



Public Opinion: How do you want *your state* to respond to the Clean Power Plan?



- Cooperate and enter into negotiations with the federal government on a plan
- Delay until more is known about the plan and see how other states respond
- Refuse to cooperate and join other states in suing the federal government to block the plan

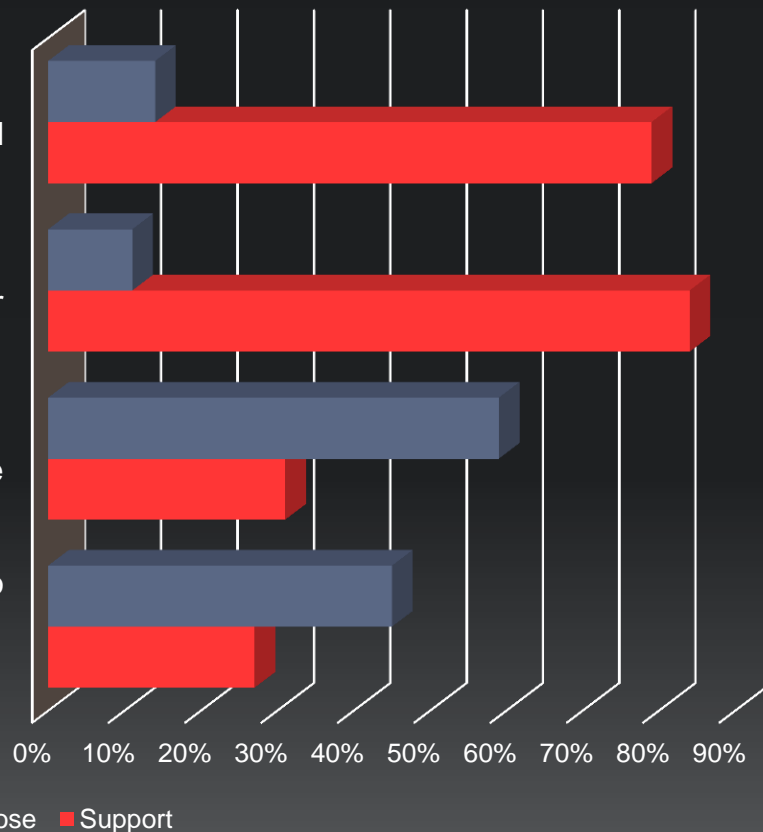
Public Opinion: Support for the federal “building block” options for Clean Power Plan compliance?

Q29: Requiring a set portion of all electricity to come from renewable energy sources such as wind and solar.

Q30: Requiring increased energy efficiency standards for new homes and appliances in your state.

Q31: Increasing taxes on ALL fossil fuels used in generating electricity in order to reduce greenhouse gas emissions.

Q32: Allowing businesses to buy and sell permits to release greenhouse gases to reduce greenhouse gases. This policy is commonly referred to as cap and trade.



So what about the shale boom?



State Domination: How Do MS States Respond to Shale?



No Go
New York,
Vermont



Go Slow
Maryland,
Michigan, Illinois,
Virginia



Let's Go
North Dakota,
Pennsylvania,
Texas



State vs. Local Authority: Who Makes the Call?



Greetings from Bismarck: “World-Class” or “Regulatory Capture”?



Greetings from Juneau: Is Boom Going Bust?



Enduring American Governance Challenges

- **Durability** *of lame-duck executive actions*
- **Decline** *in capacity of any Congress and any President to agree on anything (Now worse than: “It’s Worse Than It Looks”)*
- **Divides** *in states are increasingly partisan*
- **Dollars** *fuel perpetual campaign cycles (2nd year of 2016 election)*