

**The Future of Energy**  
*The Impact of Nuclear*

**FMEA/FMPA Annual Conference**  
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**Lonnie Carter**

# Coal Prices Increasing



## Coal powers half of America

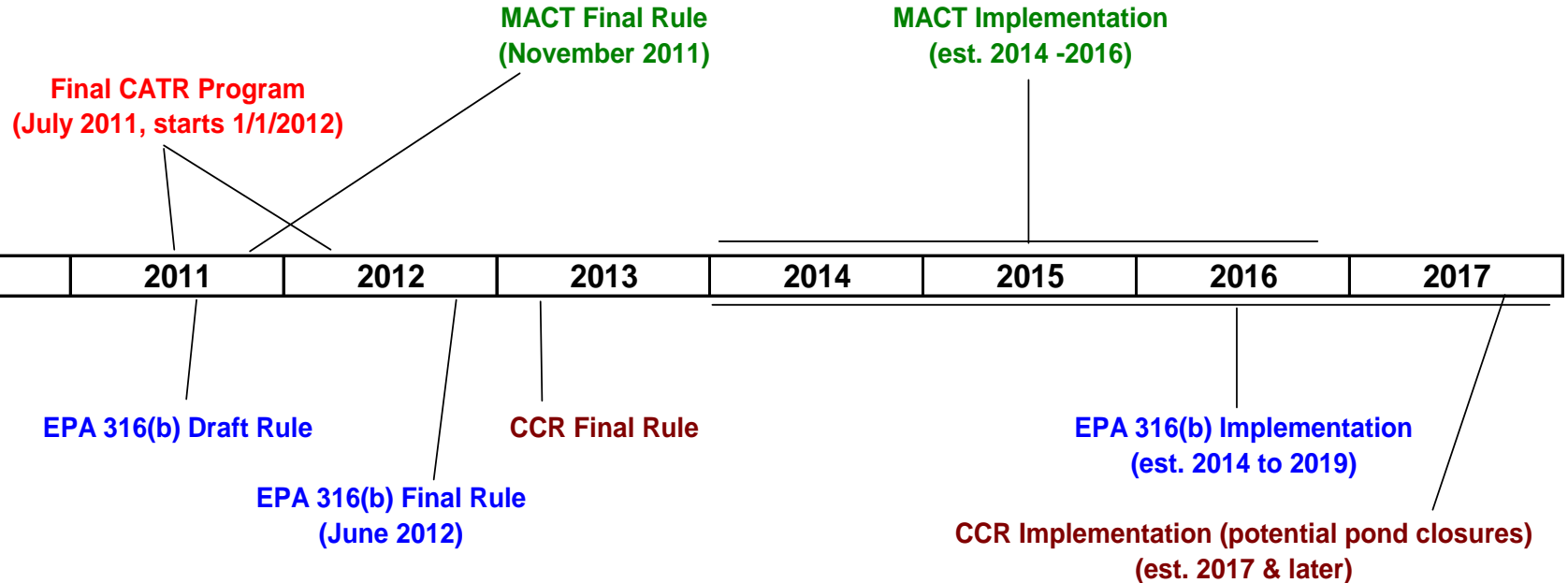
- Still 46% of generation in 2010
- Historically affordable and reliable

## Change is coming

- Our costs up 145%
  - \$14.74/MWh in 2000
  - \$36.06/MWh in 2010



# Potential EPA Regulations



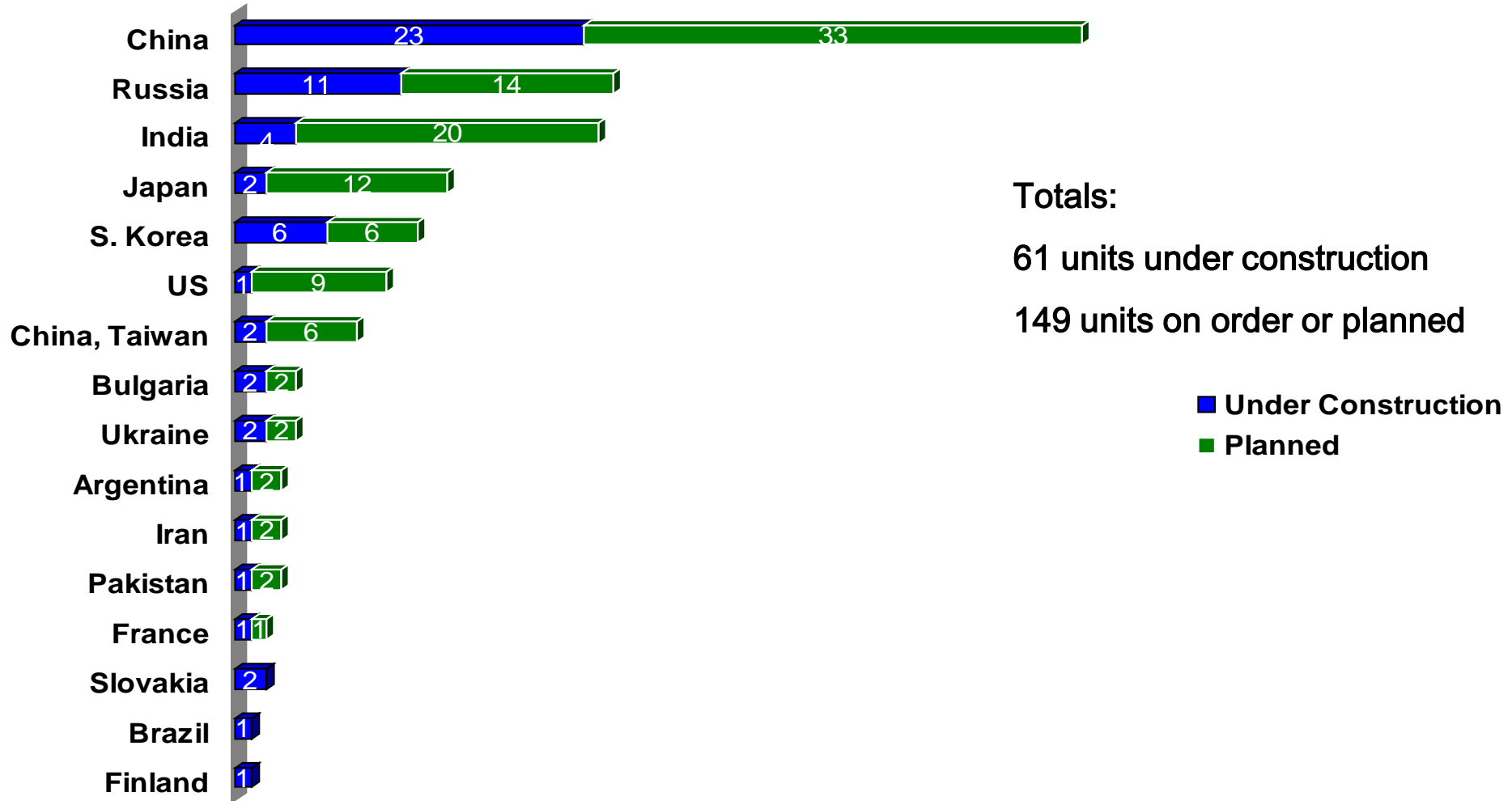
Clean Air Transport (CATR)

Cooling Water Intake 316(b)

Coal Combustion Residuals (CCR) Rule

Air Toxics-MACT

# New Reactors Planned



Source: NEI/International Atomic Energy Agency

*Although more people are neutral to nuclear power, opposition has not significantly changed*

2011

Favor: 46%

Neutral: 32%

Oppose: 22%

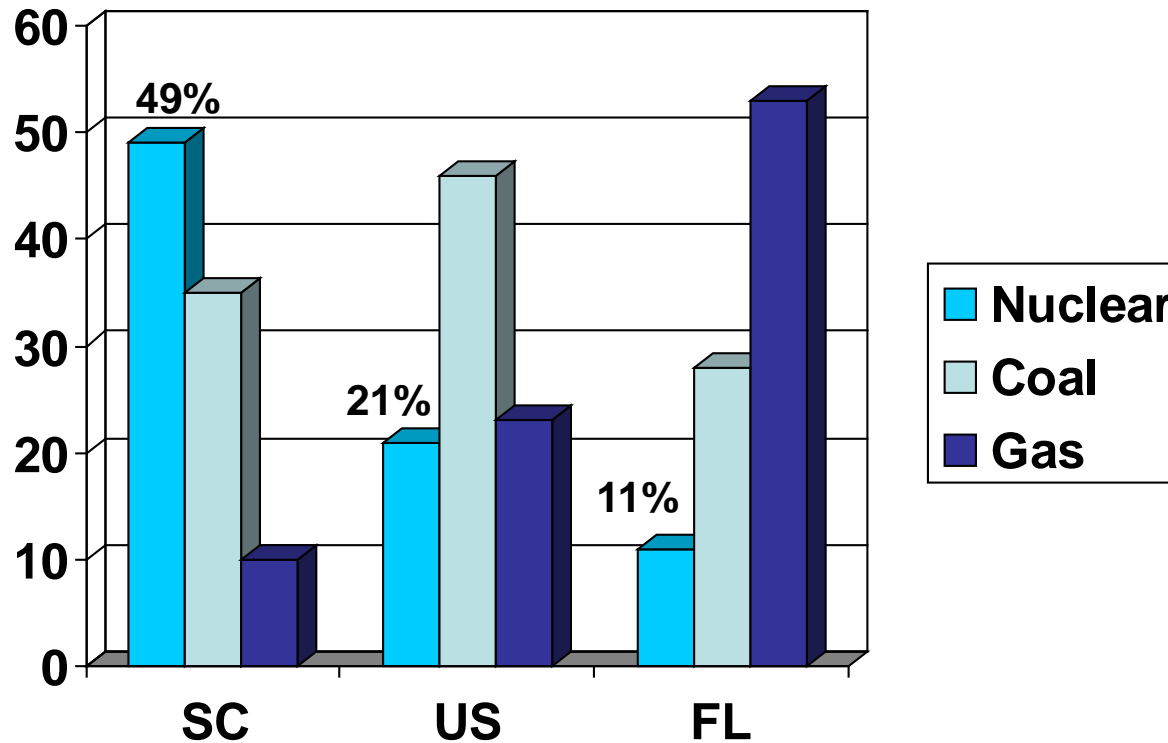
2009

Favor: 64%

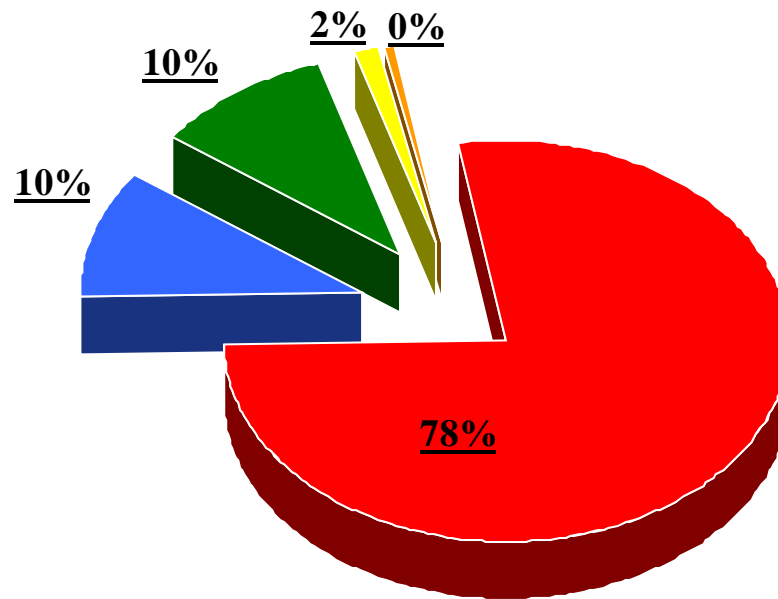
Neutral: 17%

Oppose: 19%

# Fuel Comparison (2010)



# Generation/Fuel Type



- Coal
- Nuclear
- Natural Gas
- Hydro
- Oil & LF Gas

2010