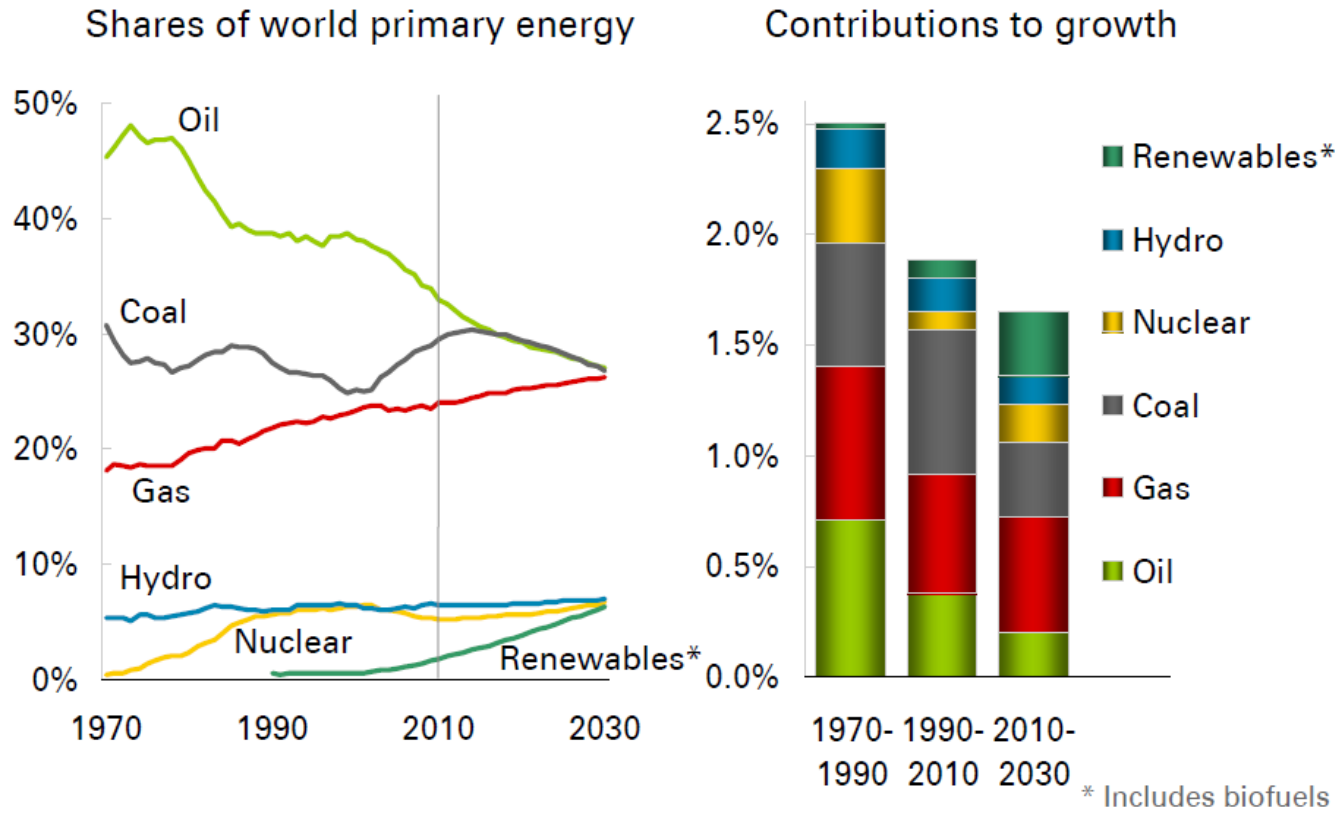


Energy Outlooks in 2011 - Highlights

- ▶ Natural Gas, Renewables dramatically increase their role in world energy supplies
- ▶ Coal, Oil use dramatically reduced in OECD countries – and massively increased in China and non-OECD countries
- ▶ U.S. Electricity Generation prices to 2025 remain stable, but for Coal and Natural Gas
 - ▶ Coal generation costs increase due to emission controls,
 - ▶ Natural gas costs increase due to demand - over half of U.S. capacity additions expected to be natural gas-fired.
- ▶ Shale Gas continues to reduce future price projections for U.S. natural gas



Gas and renewables win as fuel shares converge...

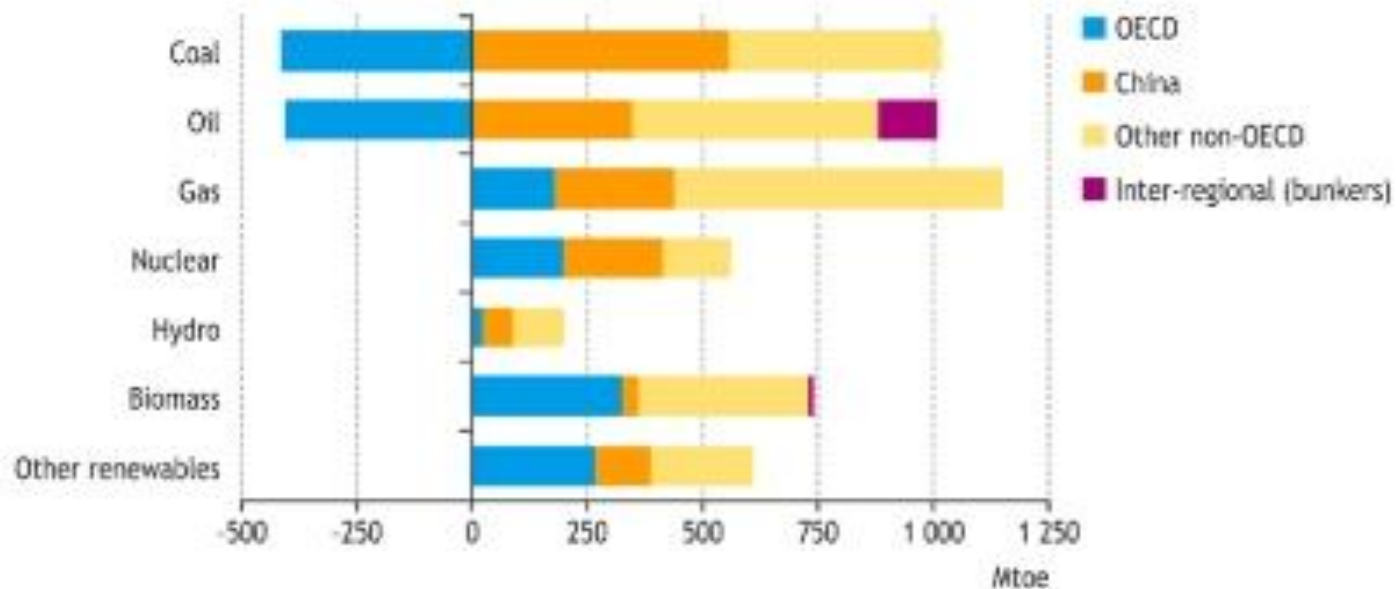


Source: BP Energy Outlook to 2030

Emerging economies dominate the growth in demand for all fuels

World Energy Outlook

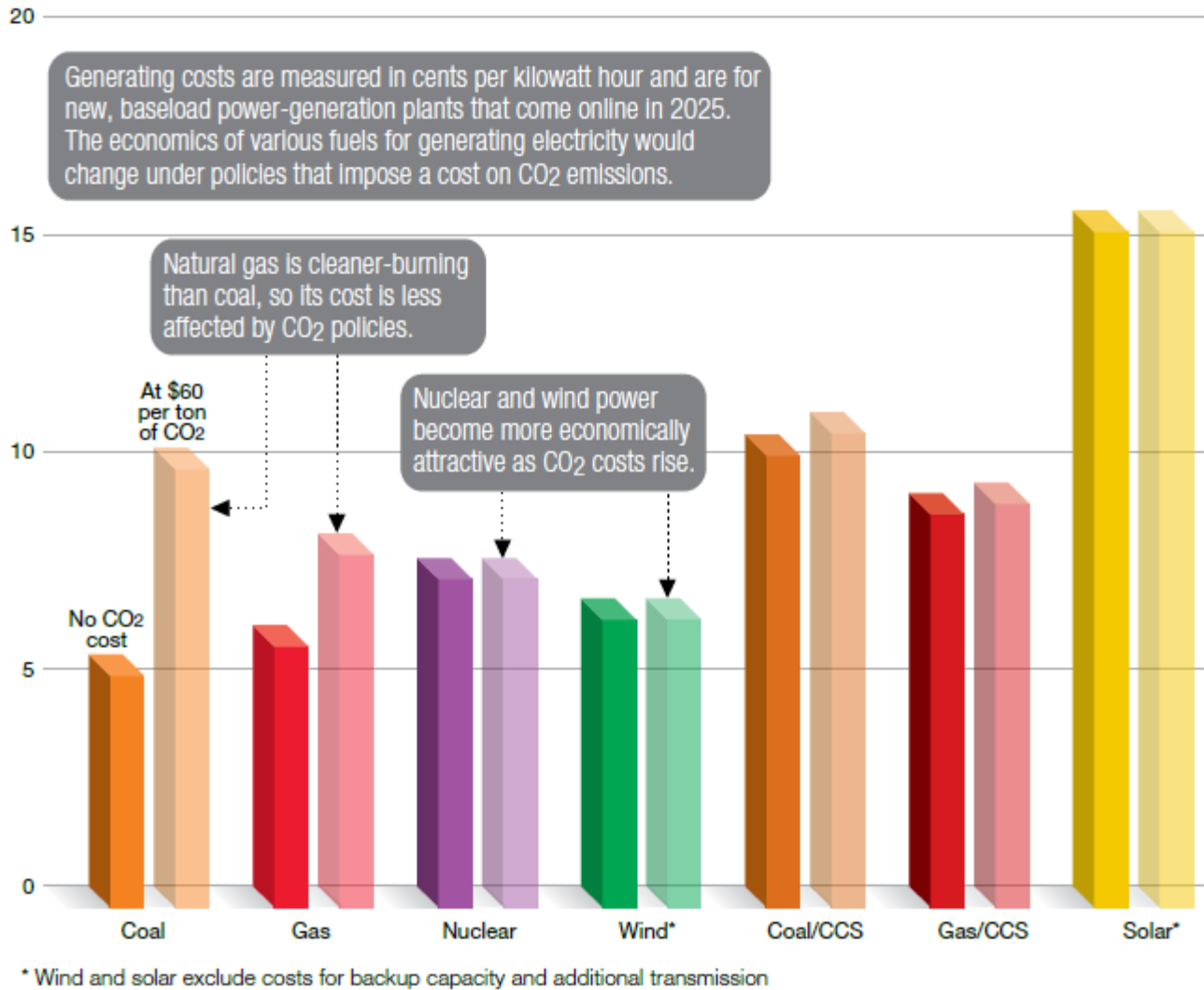
Incremental primary energy demand by fuel & region in the New Policies Scenario, 2008-2035



Demand for all types of energy increases in non-OECD countries, while demand for coal & oil declines in the OECD

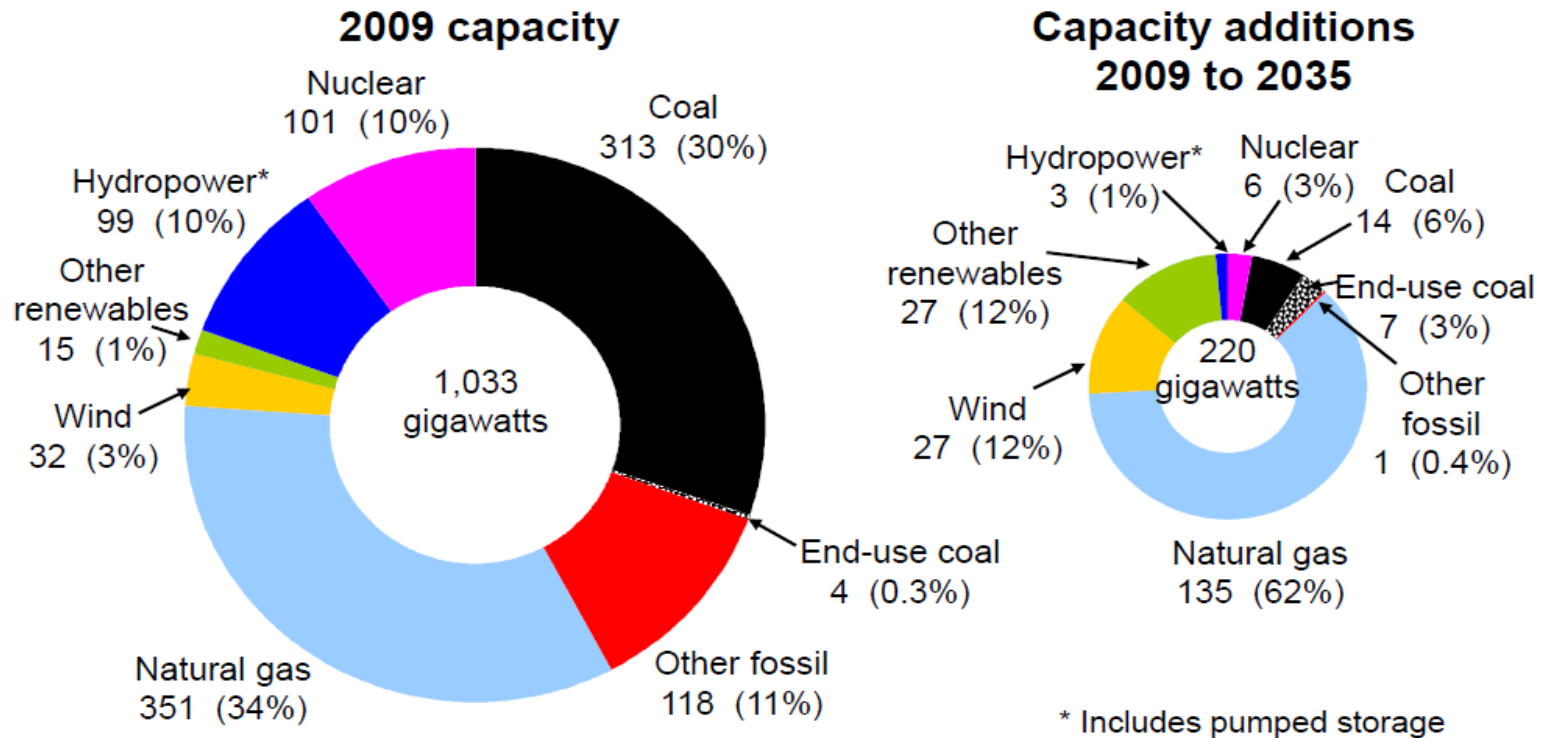
Average U.S. cost of electricity generation in 2025

Cost per kilowatt hour in 2010 cents



Source: Exxon Mobil Energy Outlook to 2030

Natural gas, wind and other renewables account for the vast majority of capacity additions from 2009 to 2035



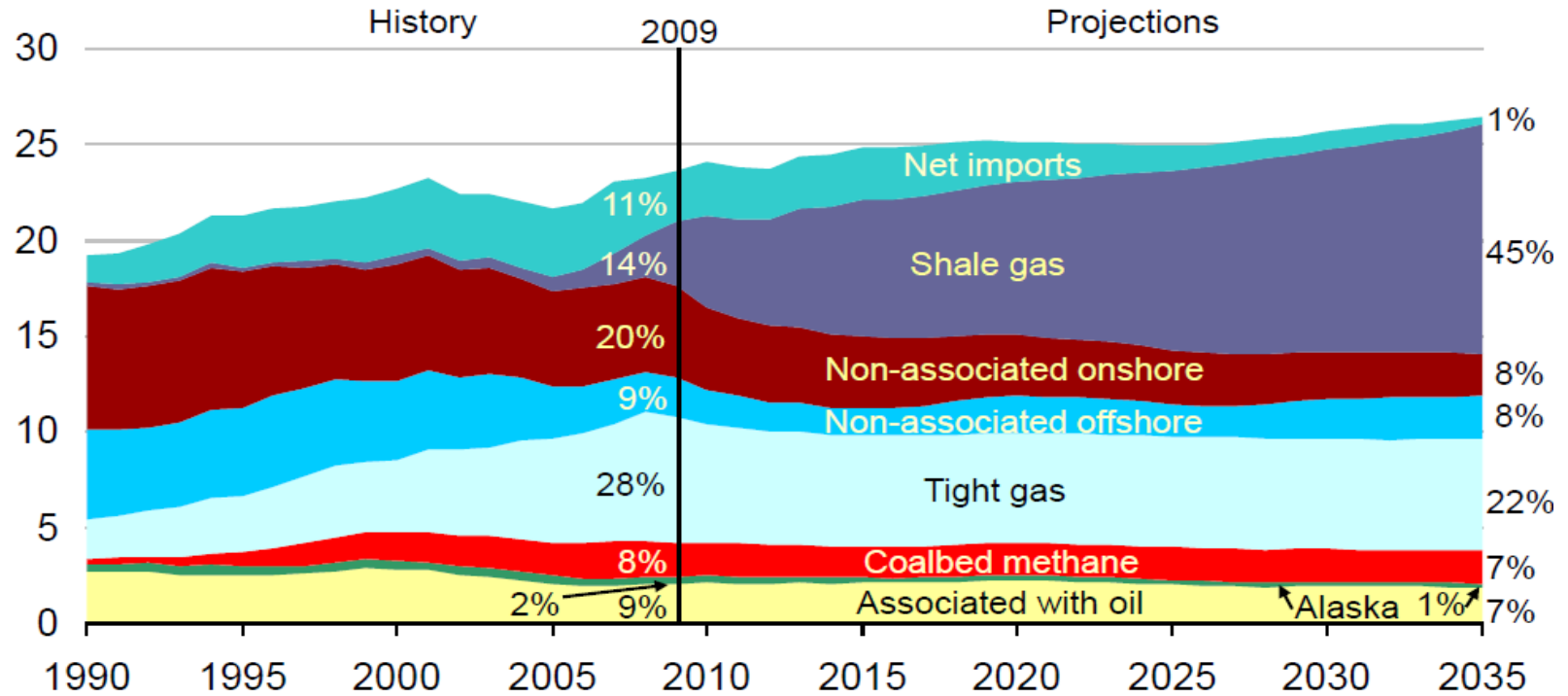
Richard Newell, December 16, 2010

Source: EIA, *Annual Energy Outlook 2011* 19

Source: U.S. Energy Information Administration Energy Outlook to 2035

Shale gas offsets declines in other U.S. supply to meet consumption growth and lower import needs

U.S. dry gas
trillion cubic feet per year



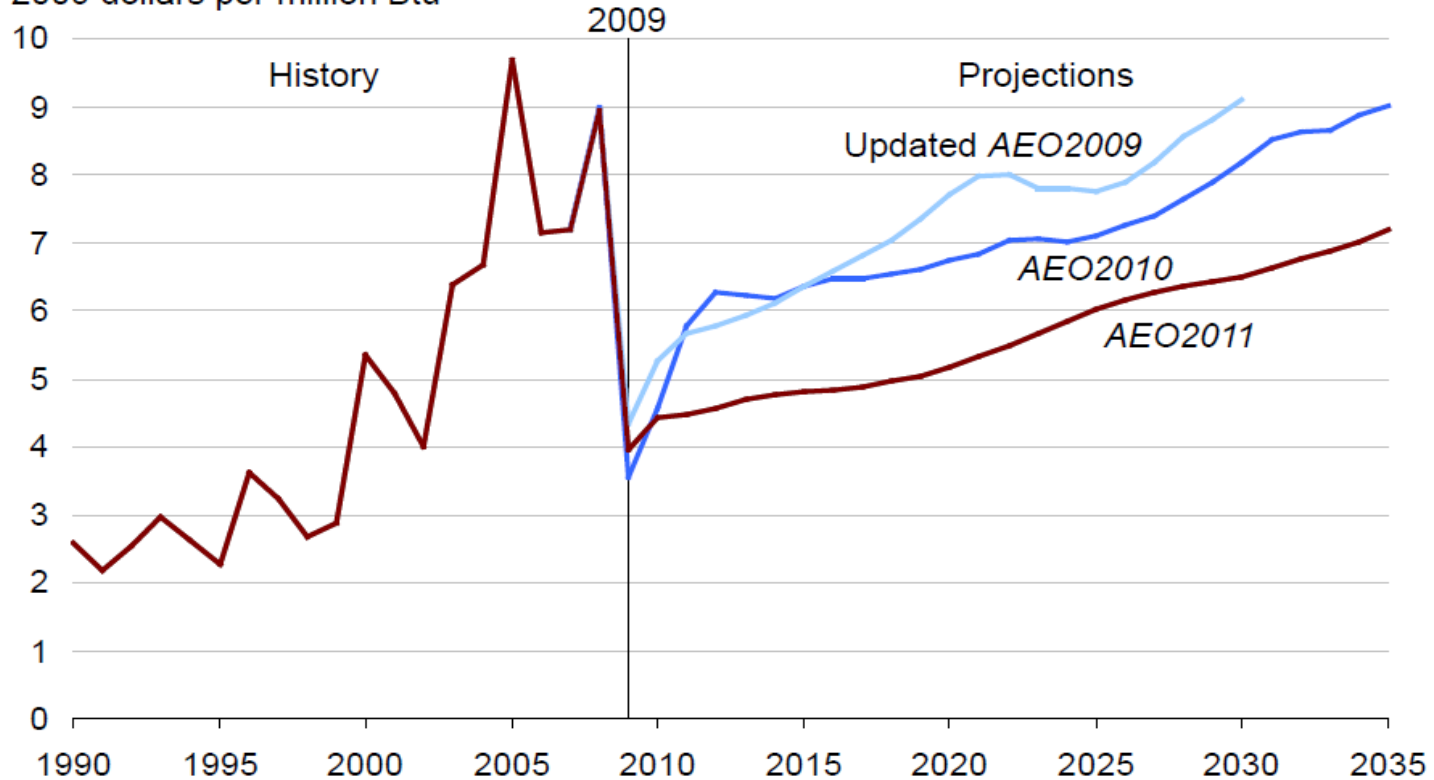
Richard Newell, December 16, 2010

Source: EIA, *Annual Energy Outlook 2011* 24

Source: U.S. Energy Information Administration Energy Outlook to 2035

Natural gas price projections are significantly lower than past years due to an expanded shale gas resource base

natural gas spot price (Henry Hub)
2009 dollars per million Btu



Richard Newell, December 16, 2010

Source: EIA, *Annual Energy Outlook 2011* 27



Source: U.S. Energy Information Administration Energy Outlook to 2035