Overview of the Annual Energy Outlook 2005

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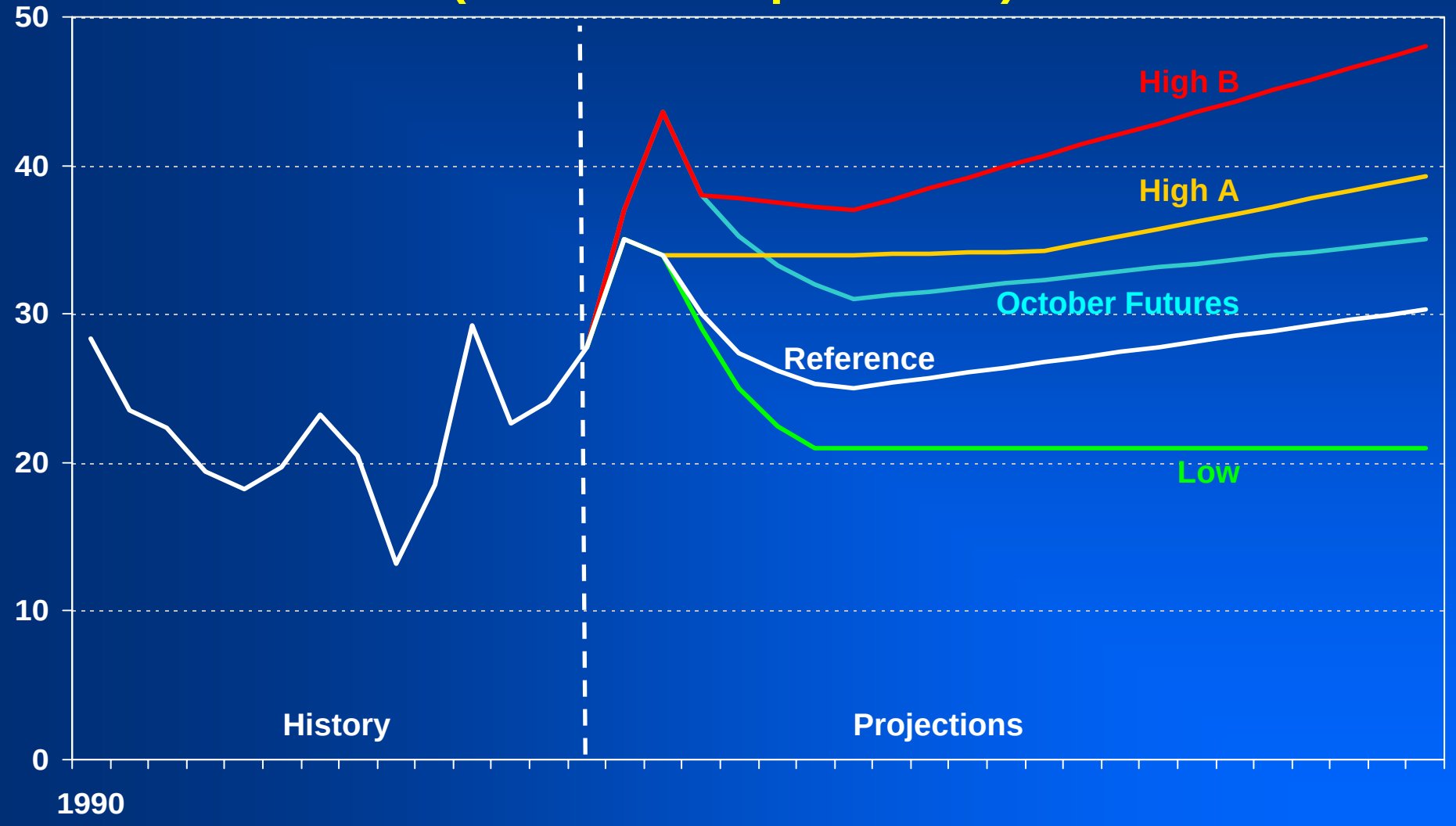
Office of Integrated Analysis & Forecasting
Energy Information Administration

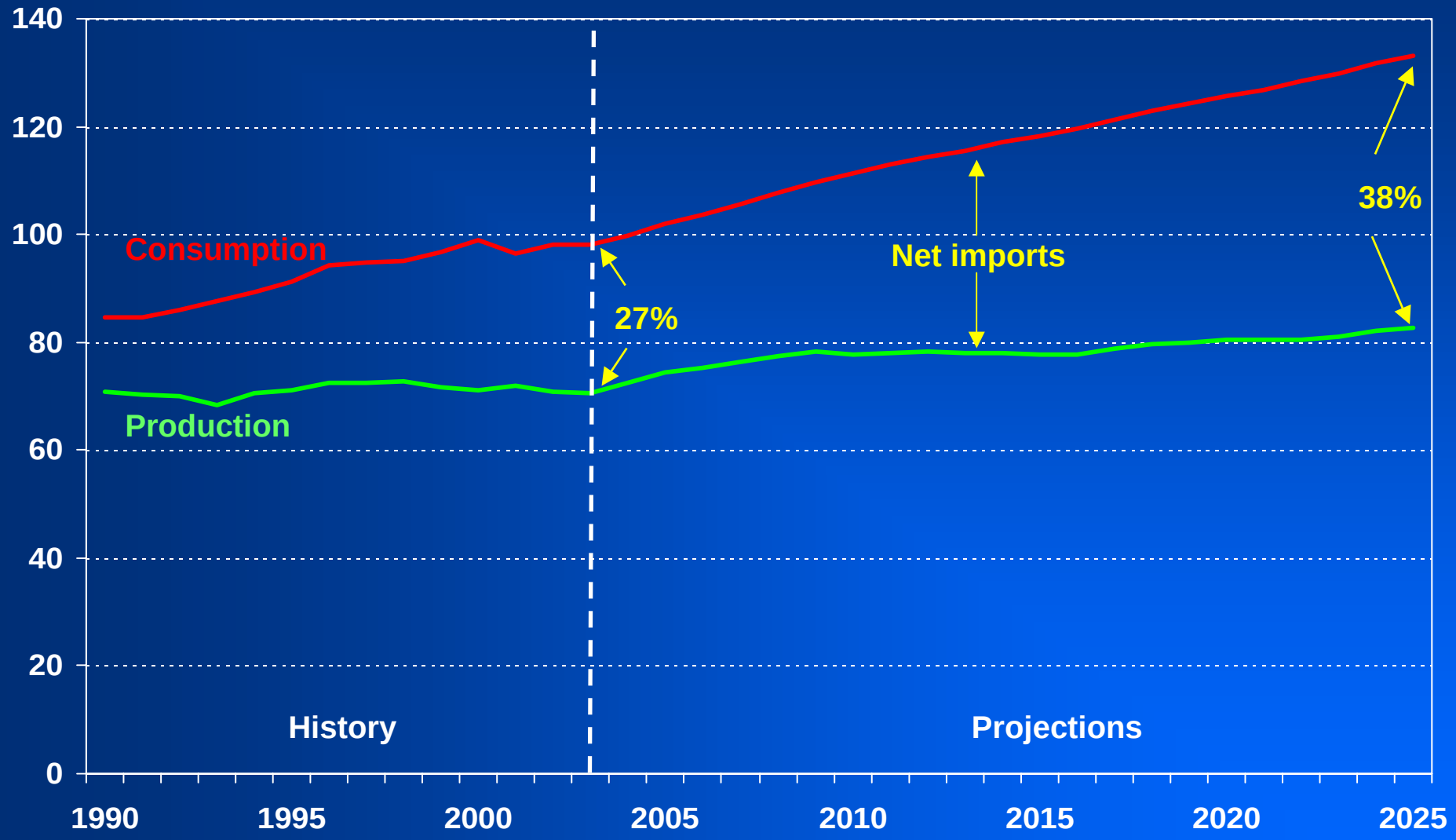
NC - Industries of the Future Conference:
Growth Opportunities for North Carolina Industries
Raleigh, NC

April 26, 2005

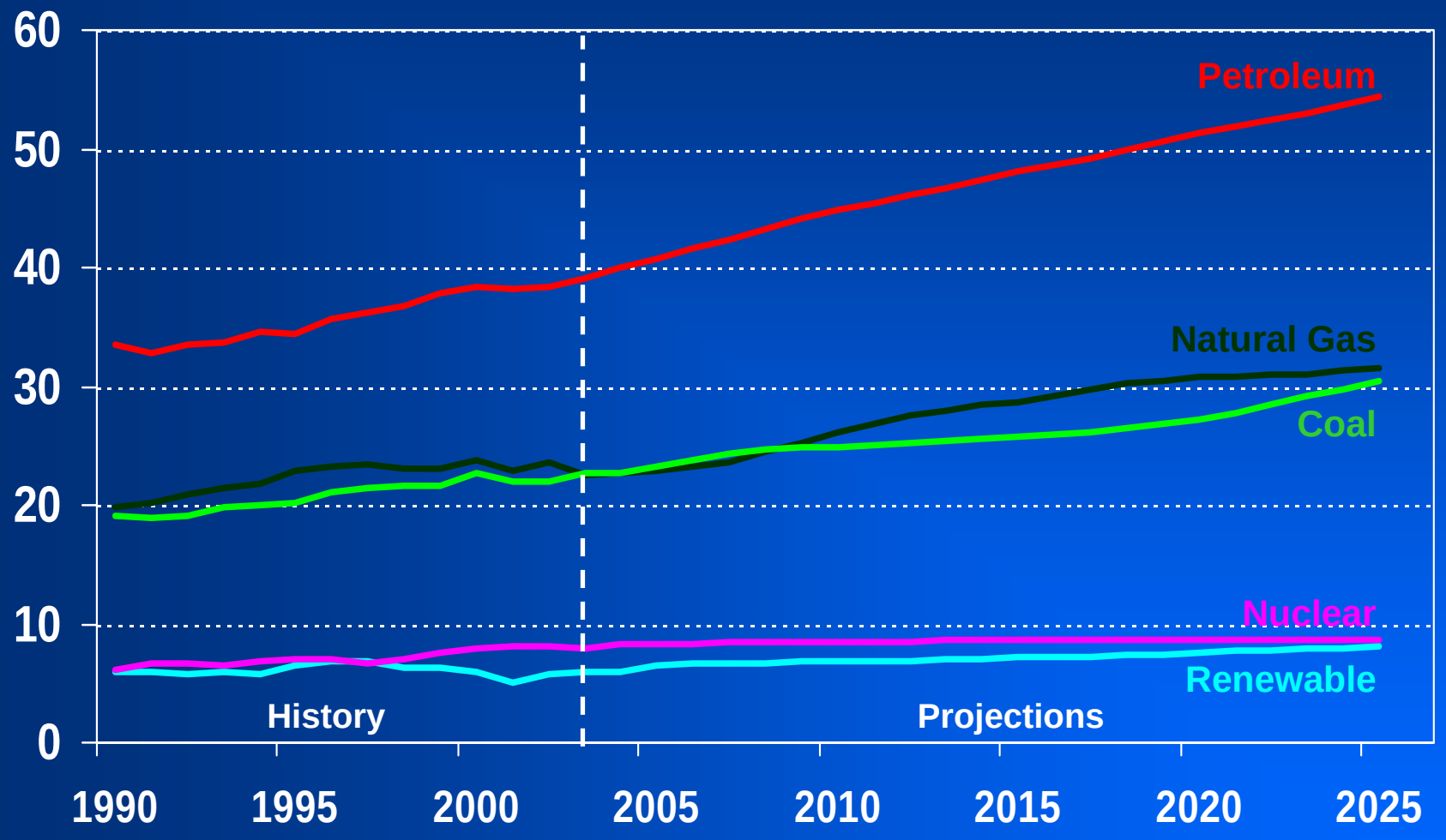
World Oil Prices in the Reference, October Oil Futures, High A, High B, and Low Oil Price Cases, 1990-2025 (2003 dollars per barrel)



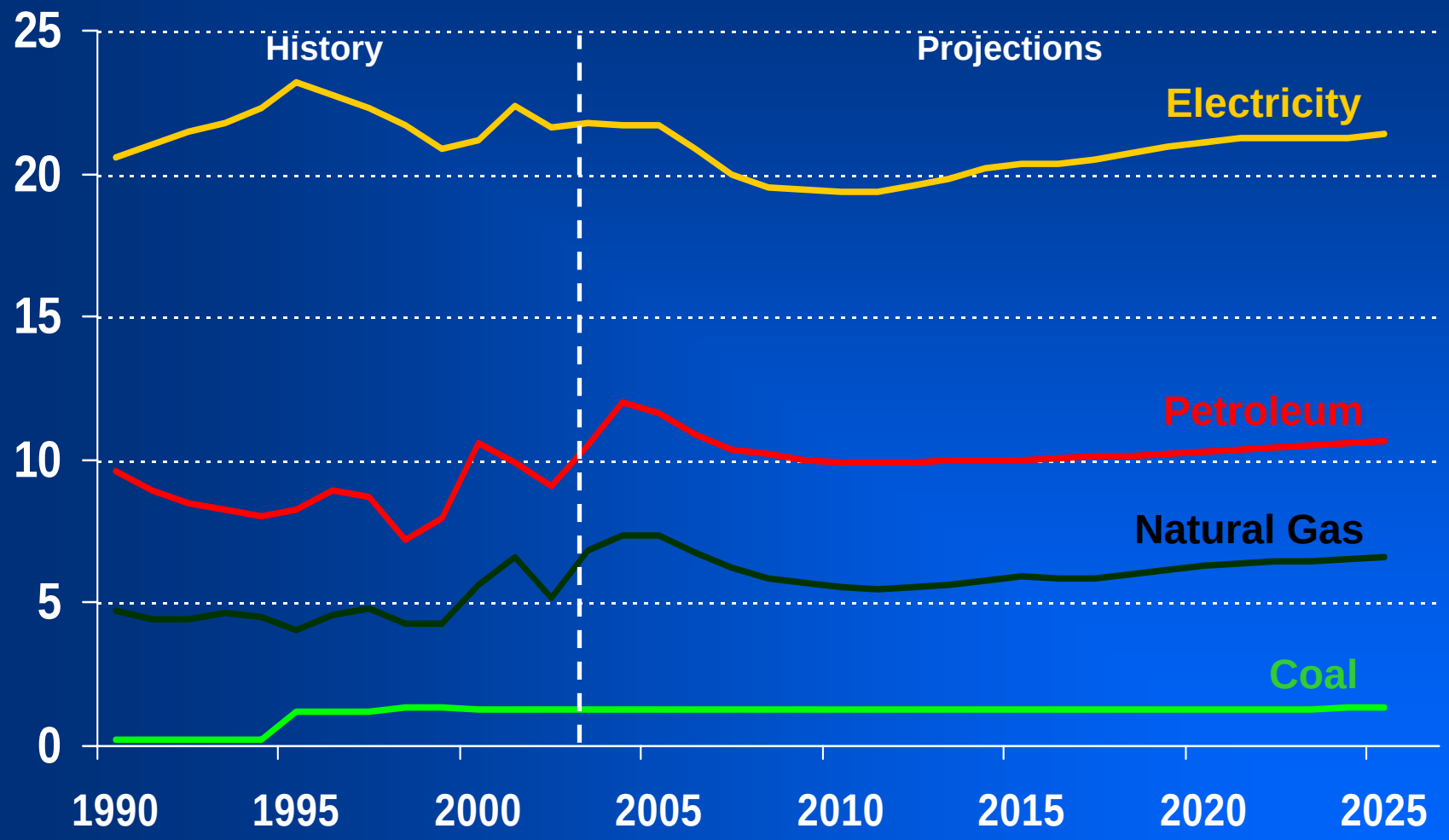
U.S. Energy Production, Consumption, and Net Imports, 1990-2025 (quadrillion Btu)



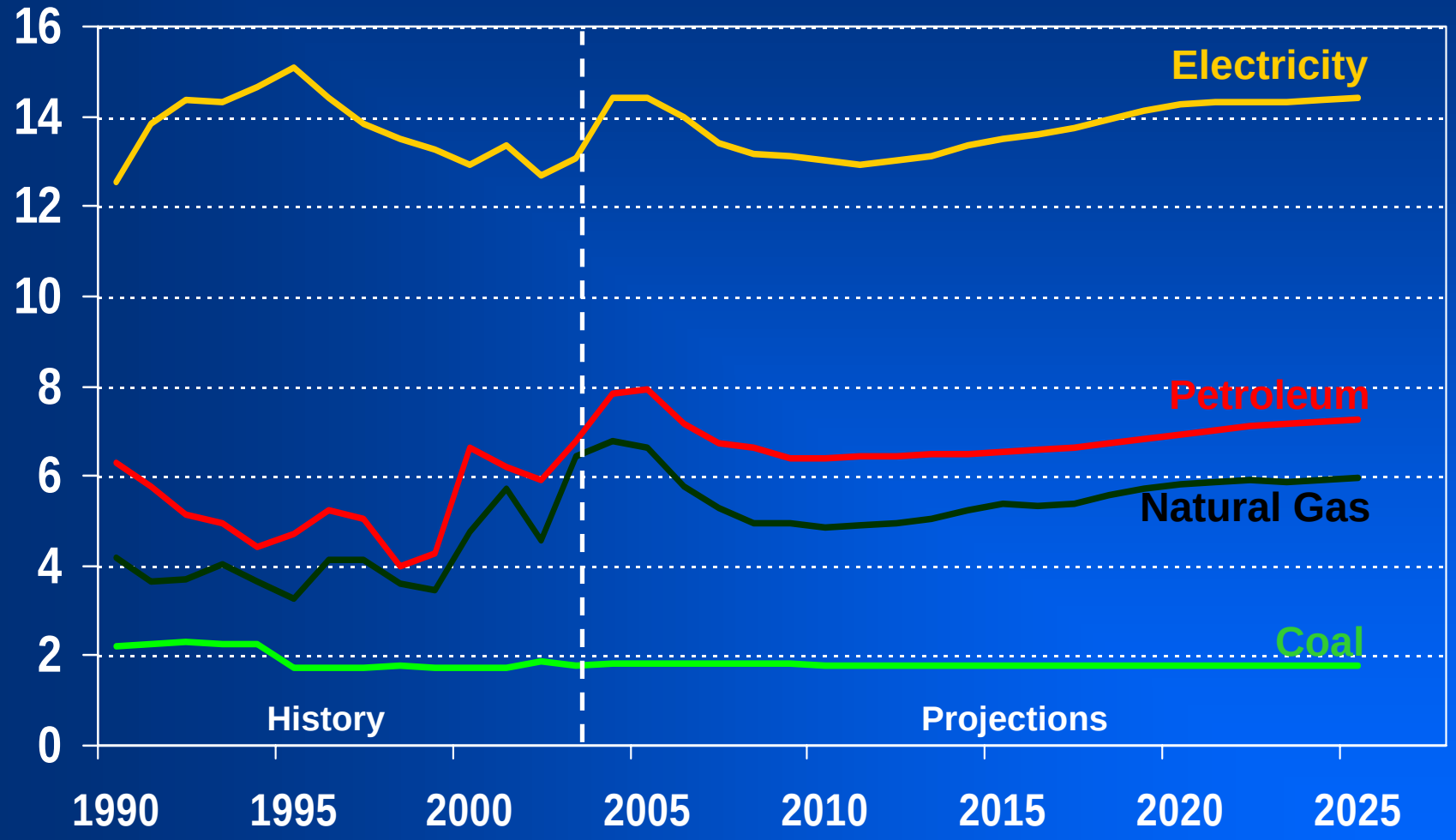
Energy Consumption by Fuel, 1990-2025 (quadrillion Btu)



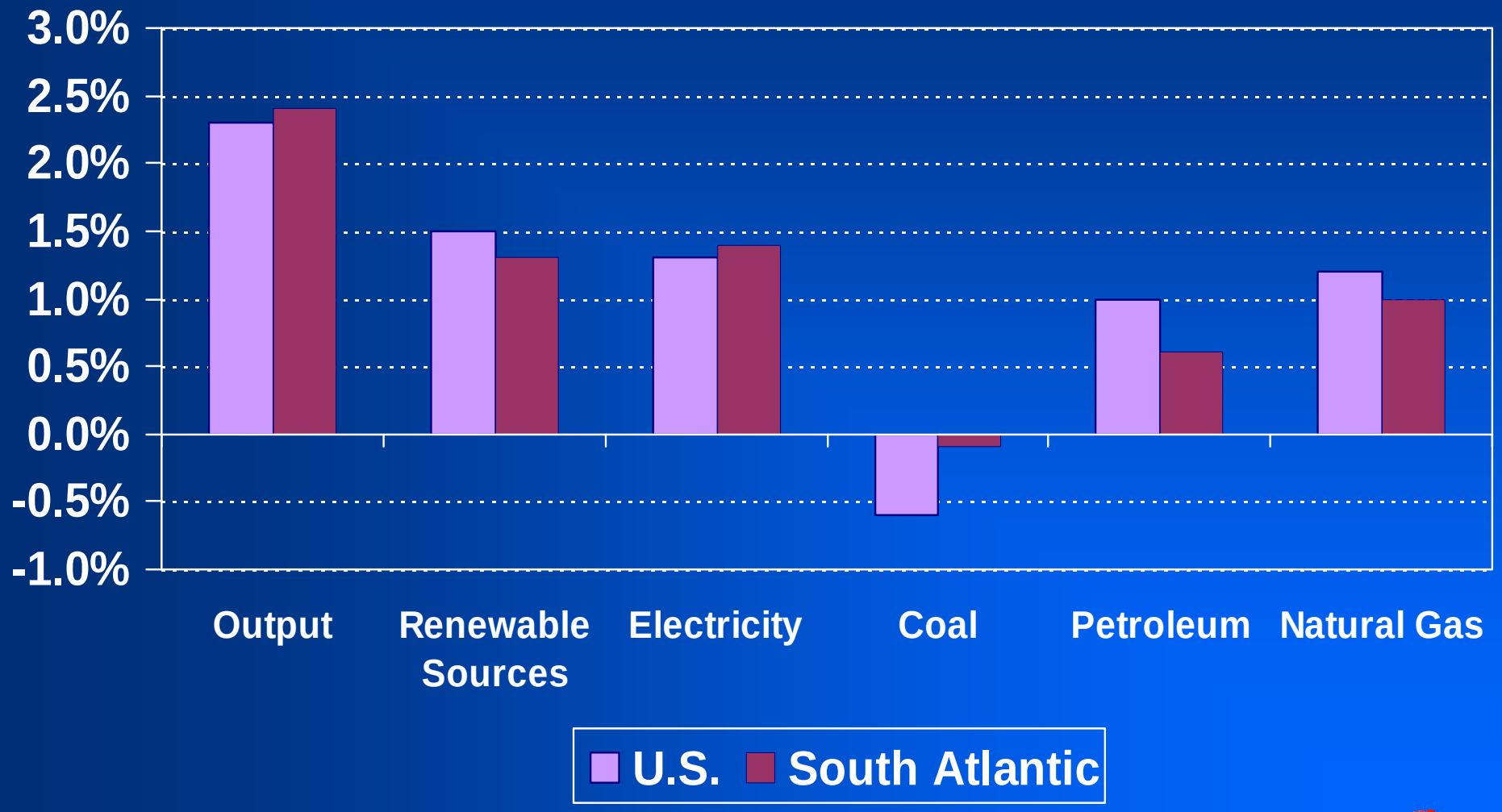
Average Energy Prices to All Sectors (2003 dollars per million Btu)



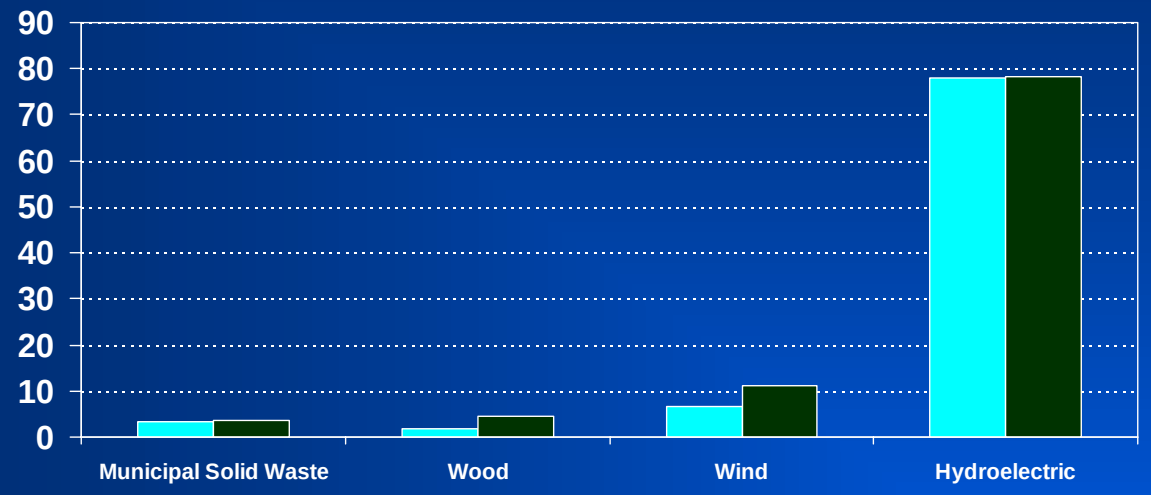
South Atlantic Industrial Energy Prices
(2003 dollars per million Btu)



Industrial Output and Energy Consumption Growth Rates (2003-2025)

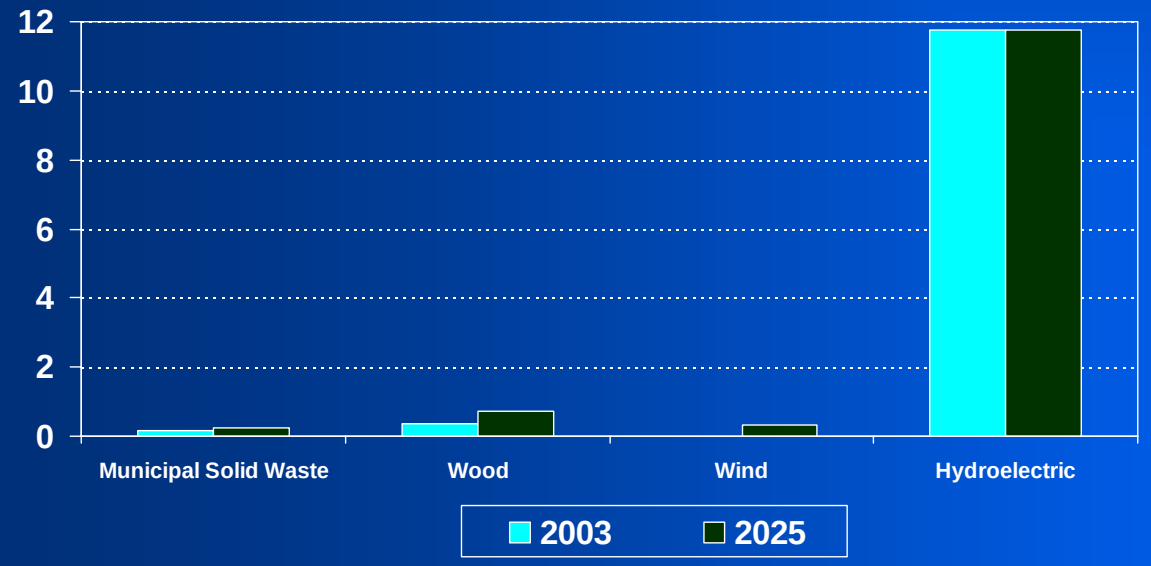


Renewable Generating Capacity, 2003 and 2025 (gigawatts)



U.S.

Wind additions are largest, 4.7 gigawatts compared with 2.6 gigawatts for Wood



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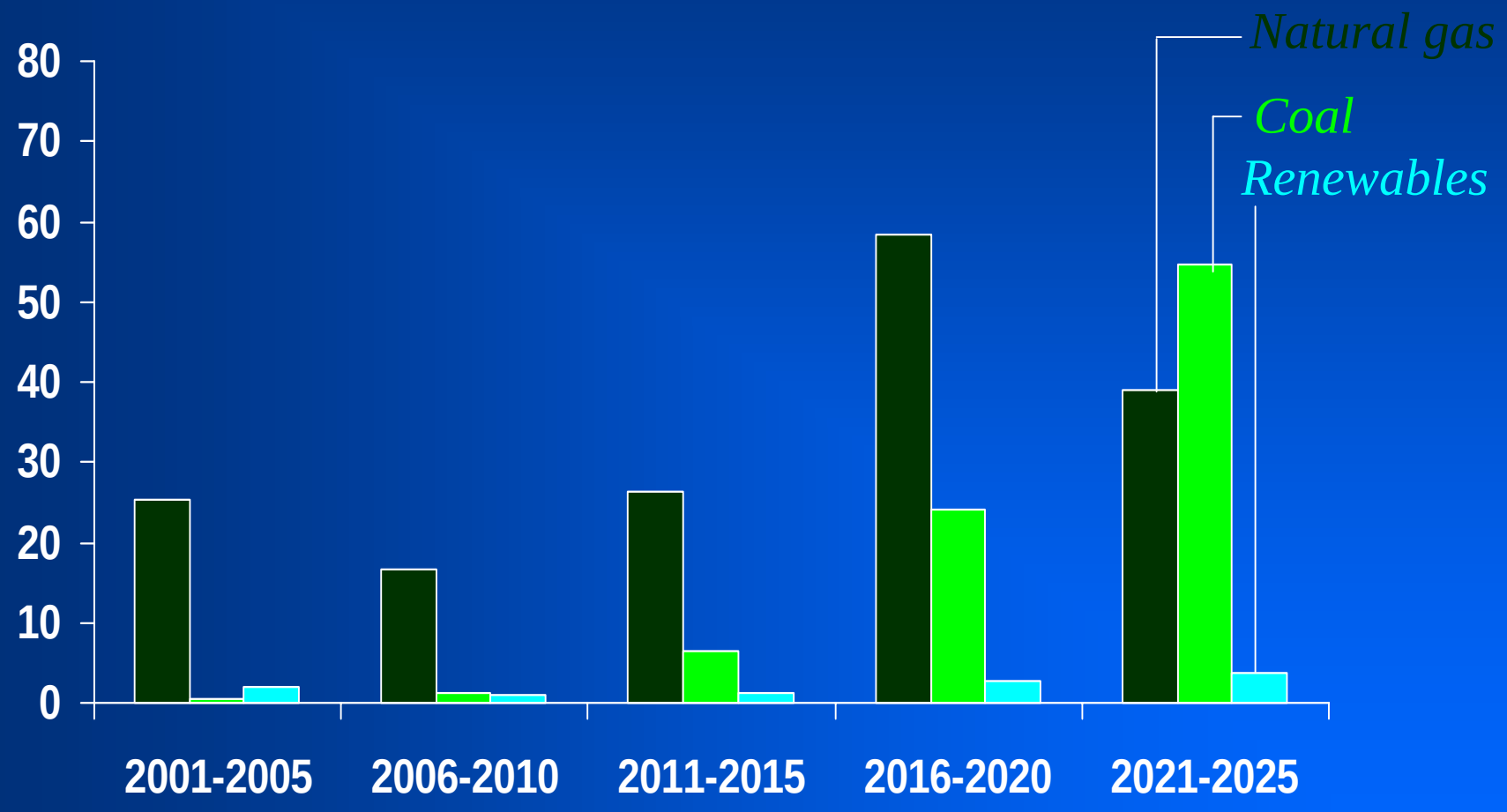
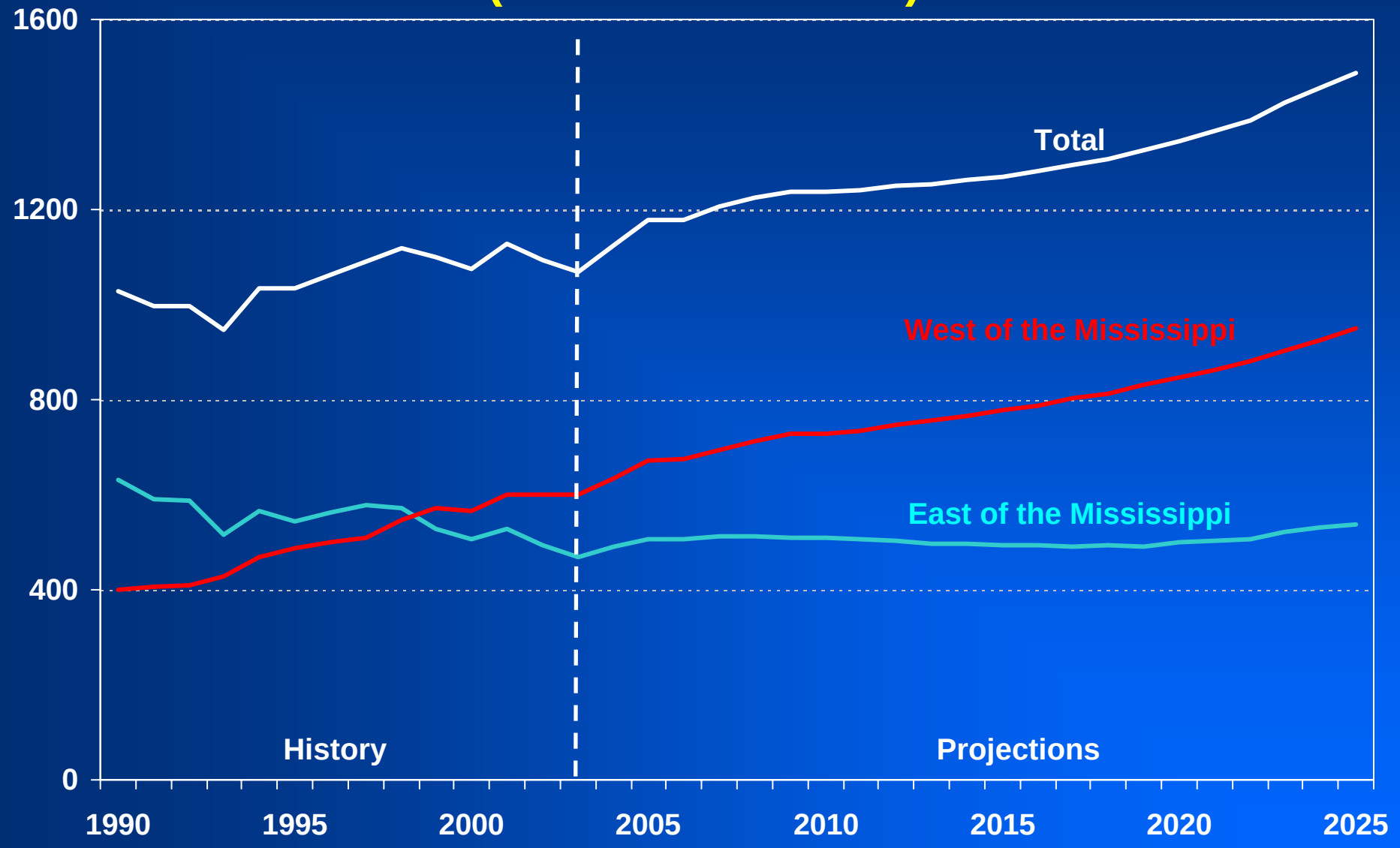
About the same amount of Wind and Wood are added, 340 and 350 megawatts, respectively

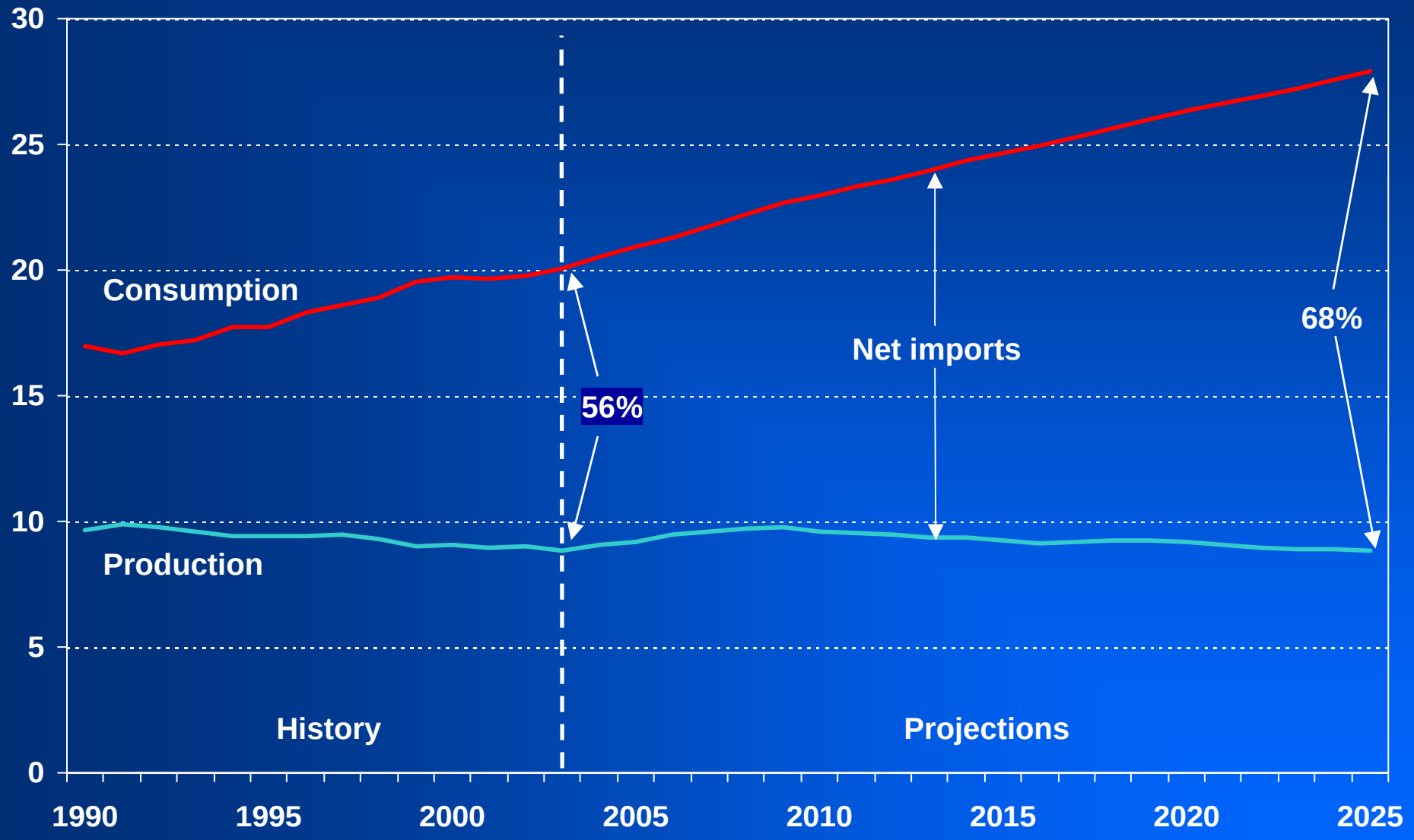
Electricity Generation Capacity Additions by Fuel Type, 2001-2025 (gigawatts)



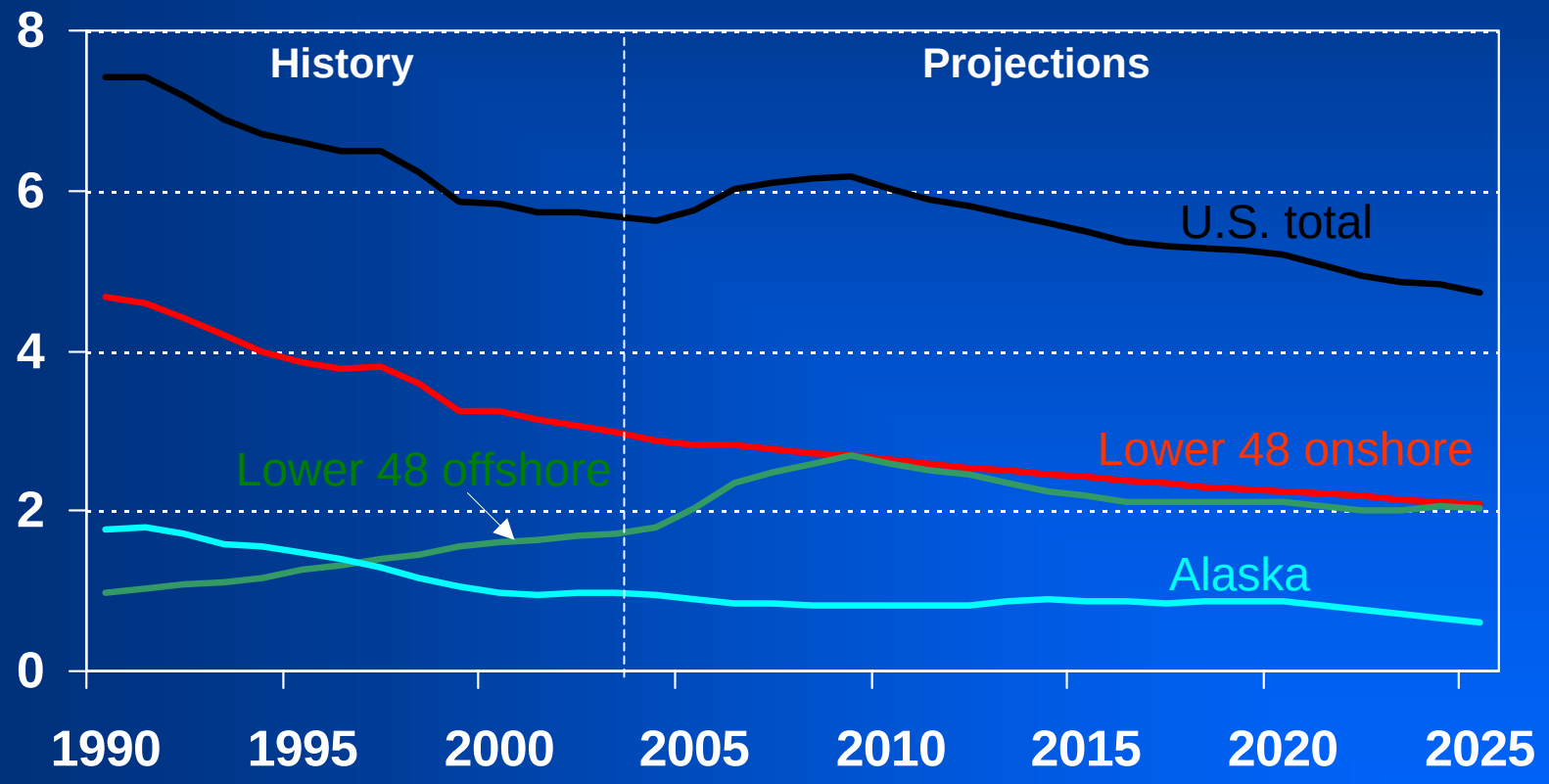
Coal Production by Region, 1990-2025 (million short tons)



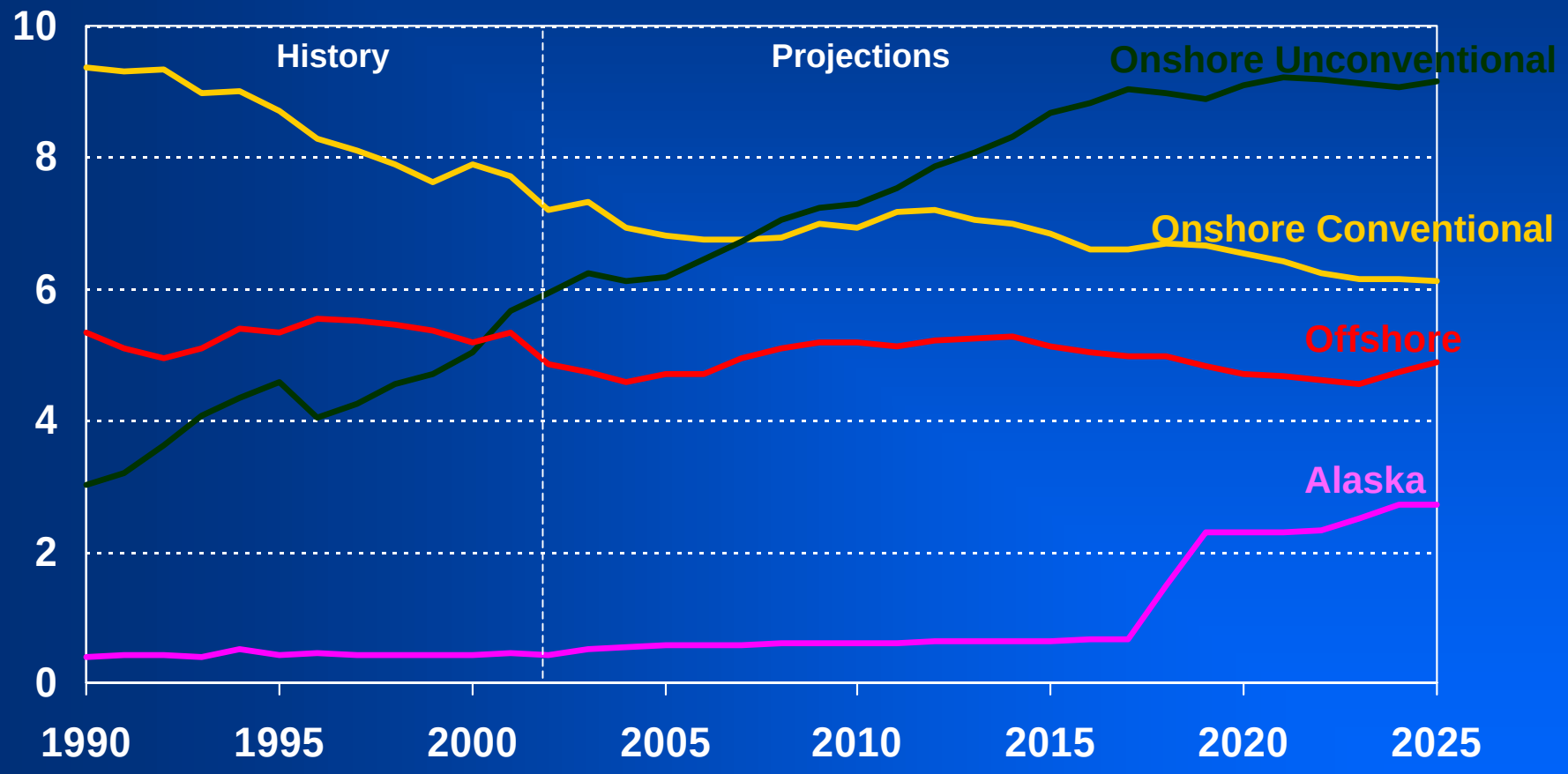
U.S. Petroleum Supply, Consumption, and Imports, 1990-2025 (million barrels per day)



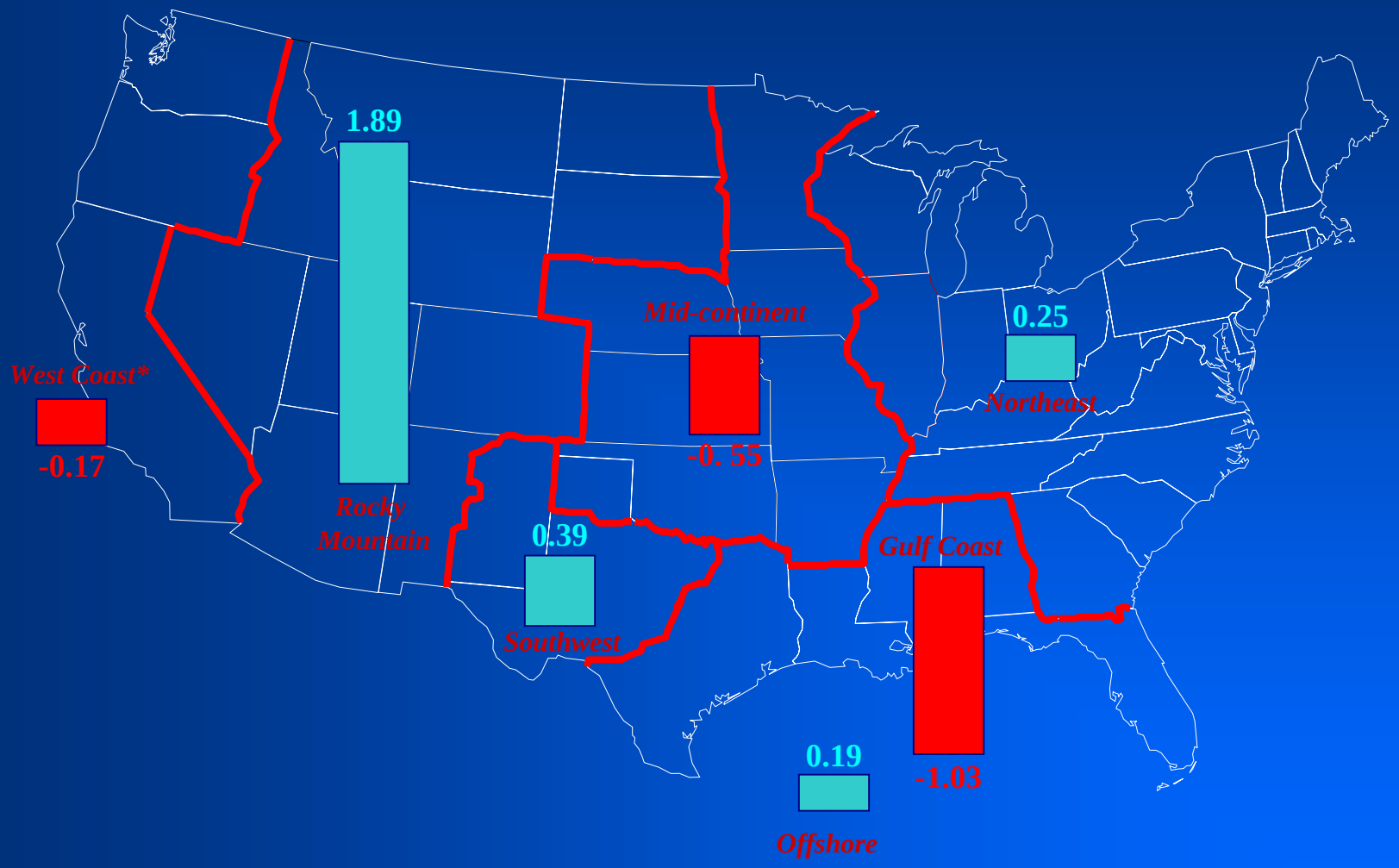
Domestic Crude Oil Production, 1990-2025 (million barrels per day)



U.S. Dry Natural Gas Production, 1990-2025 (trillion cubic feet)

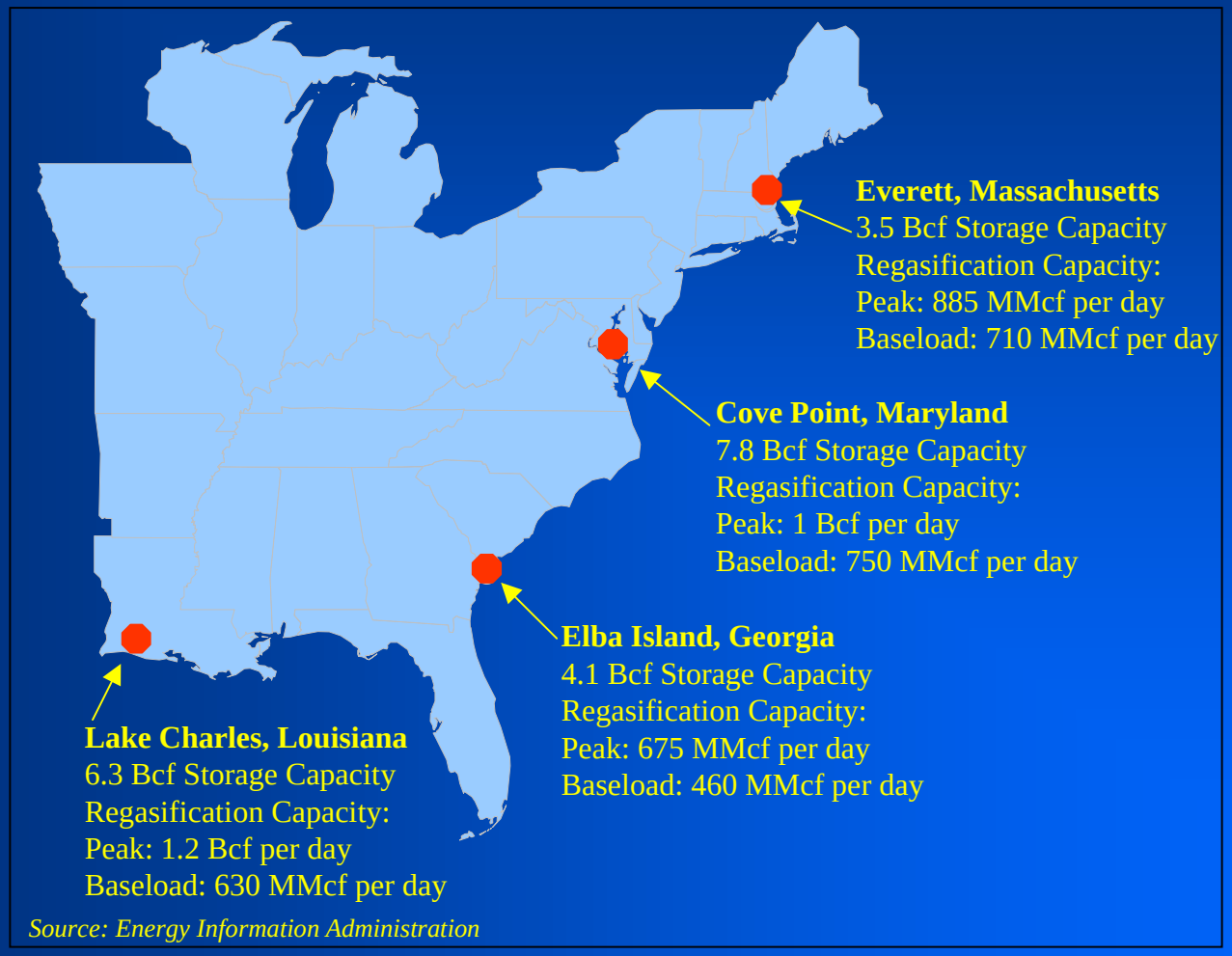


Incremental Natural Gas Production, 2003-2025 (trillion cubic feet)



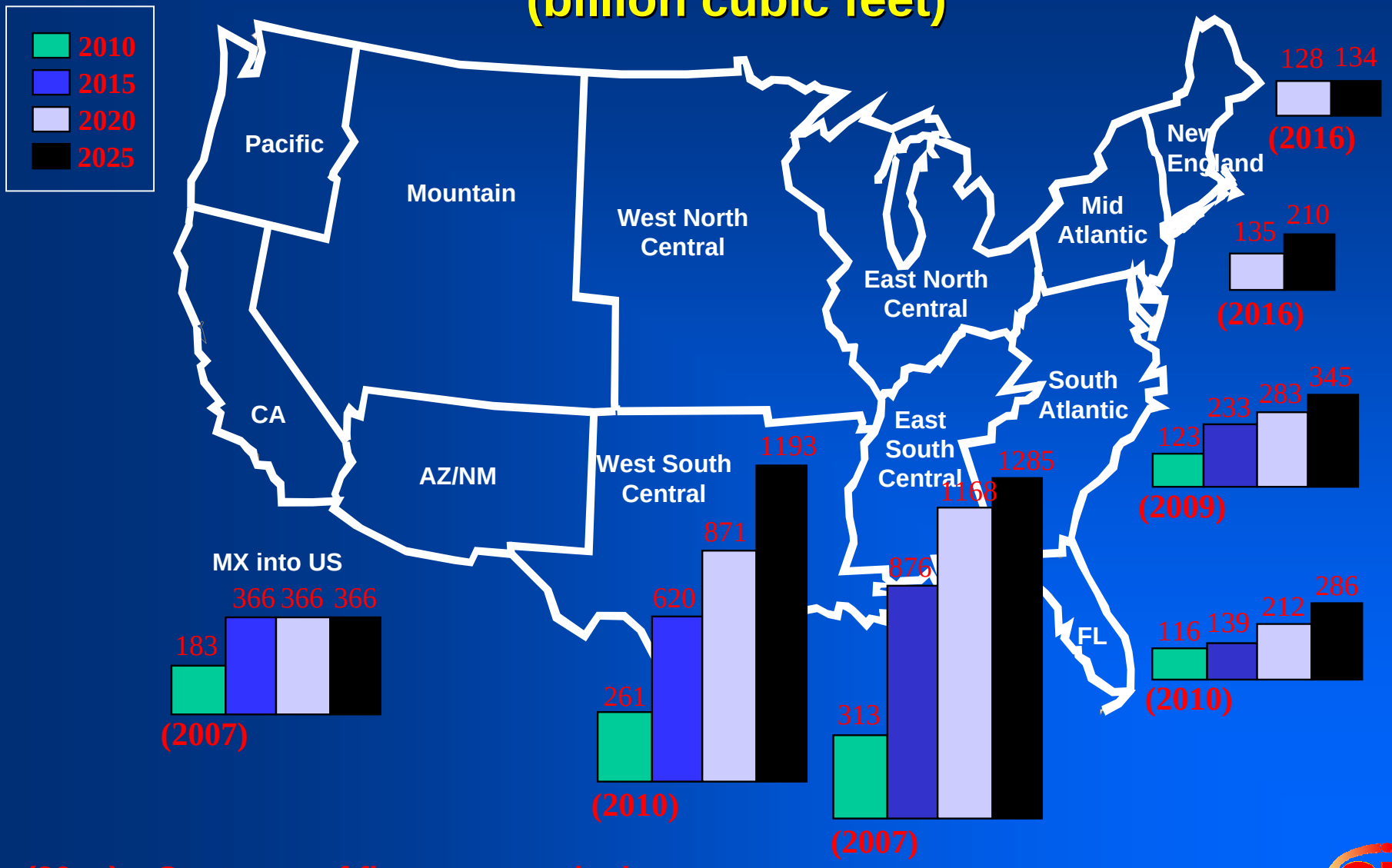
** Includes Offshore*

Current U.S. LNG Import Terminals



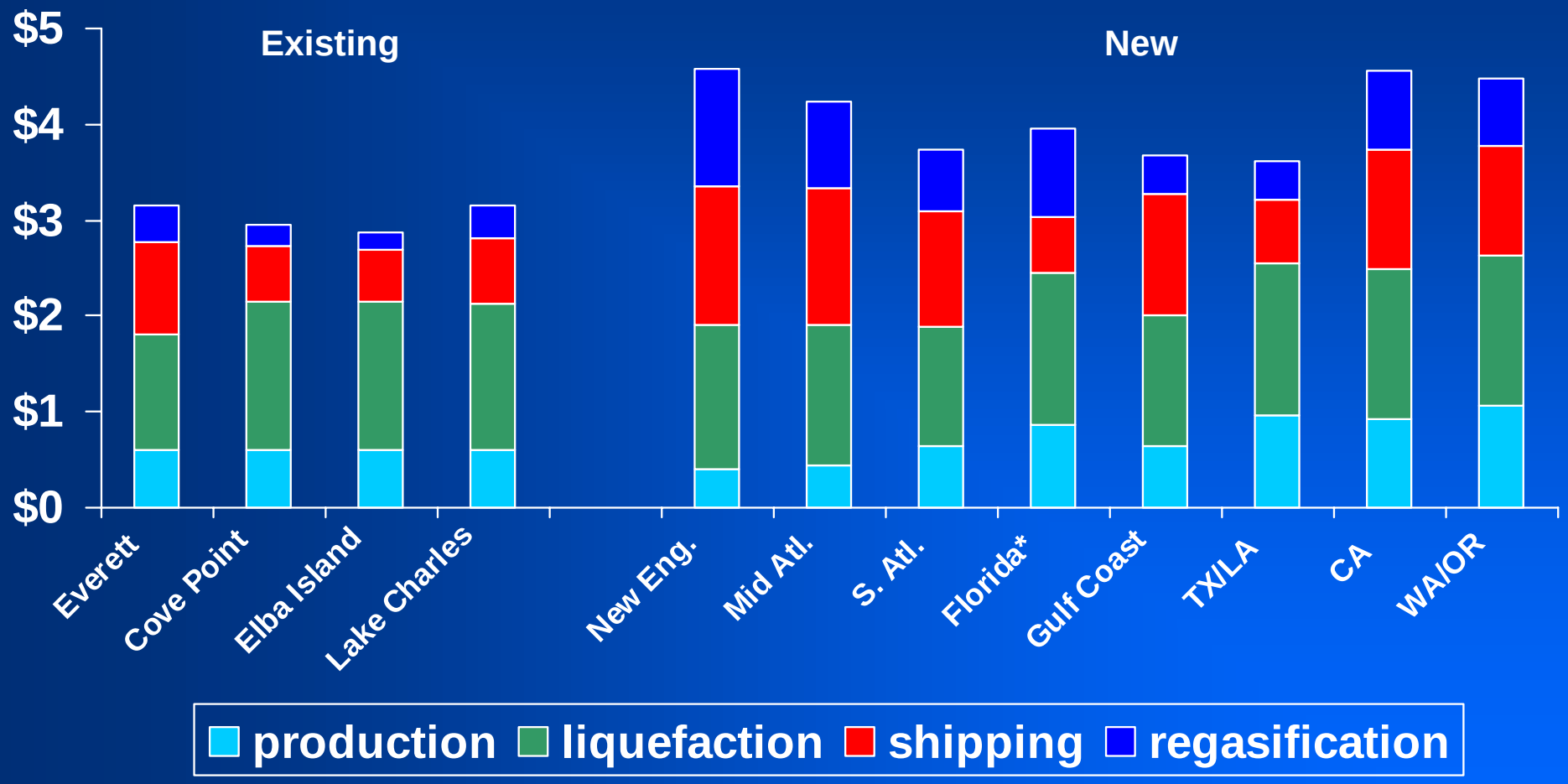
Source: Energy Information Administration

Regional LNG Imports at New Terminals, 2010, 2015, 2020, and 2025 (billion cubic feet)



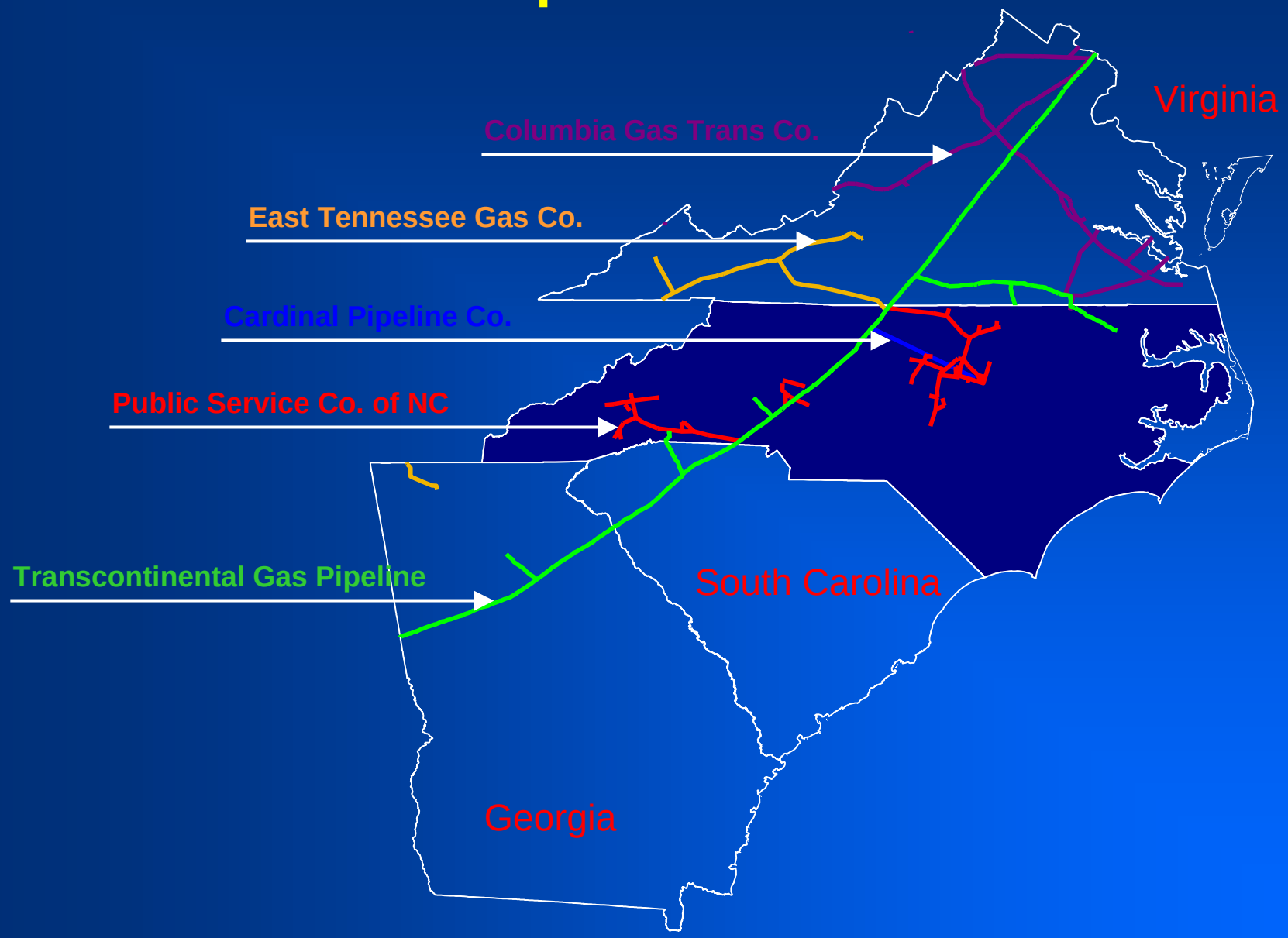
(20xx) – Start year of first new terminal

Components of Regional LNG trigger price in year of expansion/construction, (2002 dollars per thousand cubic feet)

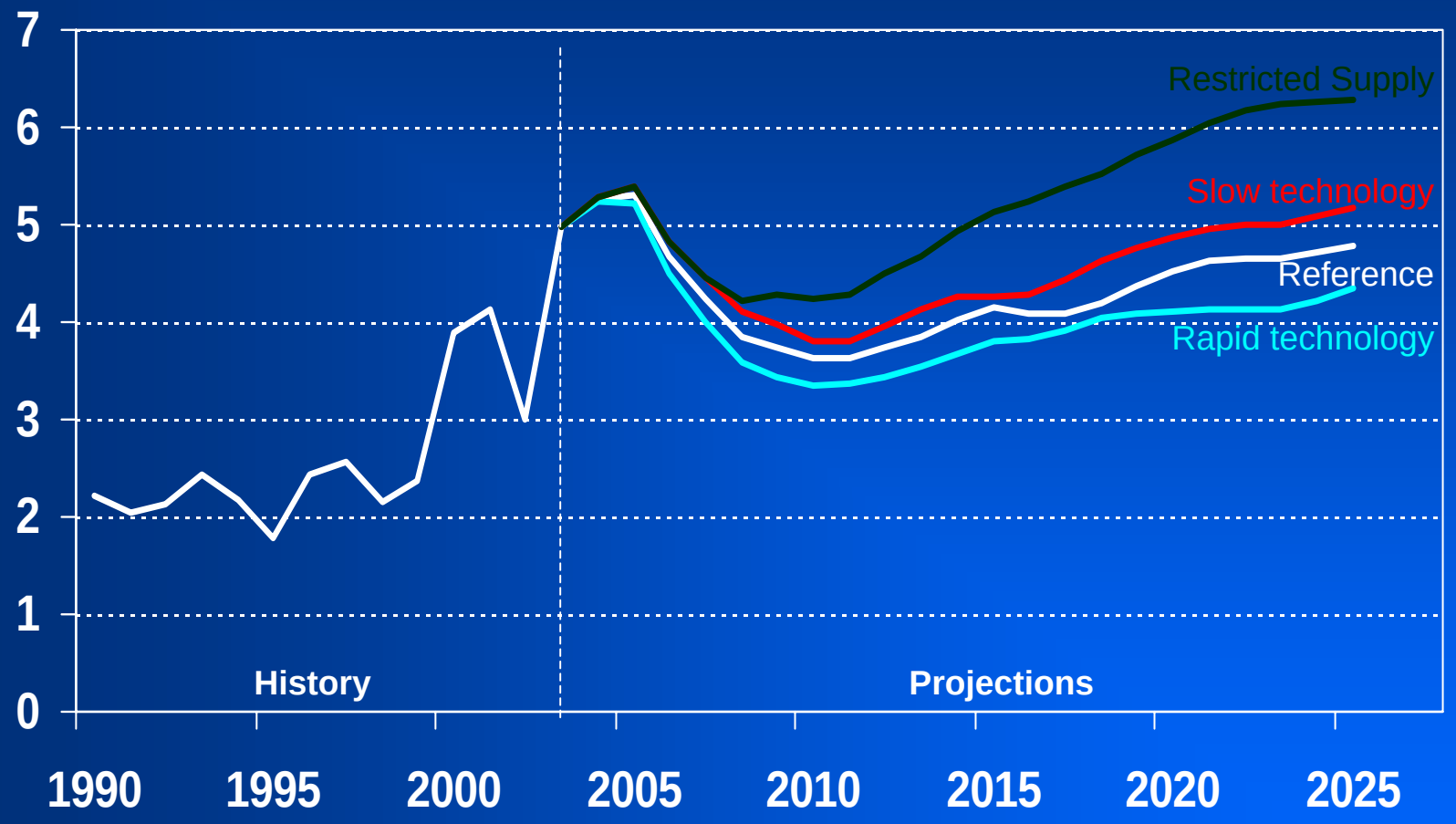


* Regasification includes pipeline cost from Bahamas

North Carolina Pipelines



Lower 48 Natural Gas Wellhead Prices, 1990-2025 (2003 dollars per thousand cubic feet)



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