

Natural Gas Projections from EIA and Six Others

EIA Energy Outlook, Modeling and Data Conference
March 28, 2007
Washington, DC

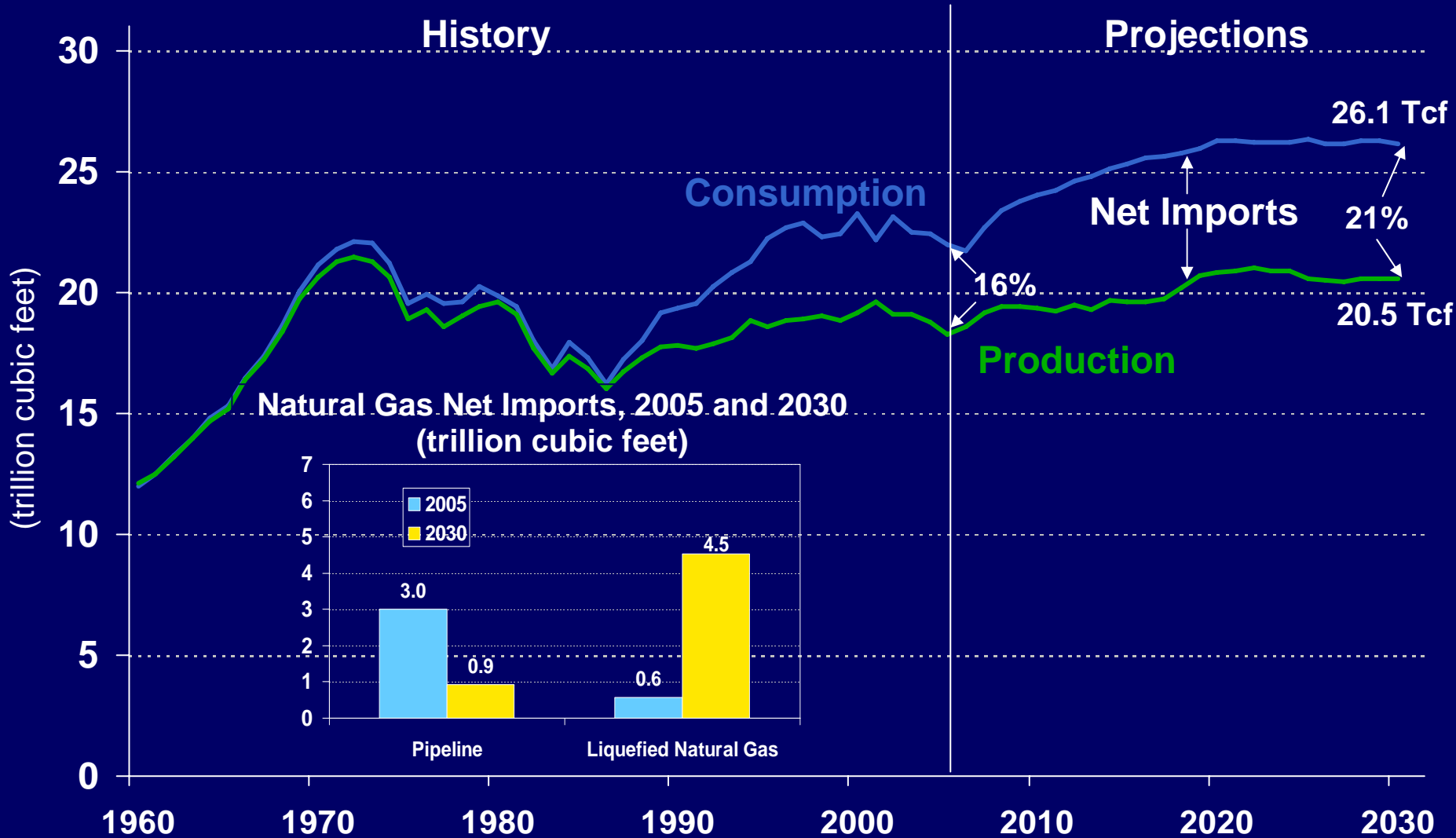
Joe Benneche, Natural Gas Analyst

Overview

- EIA's Natural Gas Projections
 - Primary Assumptions
 - Consumption
 - Production/Imports
 - Wellhead Price
- EIA and Other Projections Compared
 - Consumption
 - Production/Imports
 - Production versus Price

EIA's Natural Gas Projections

Natural Gas Production, Consumption, and Imports



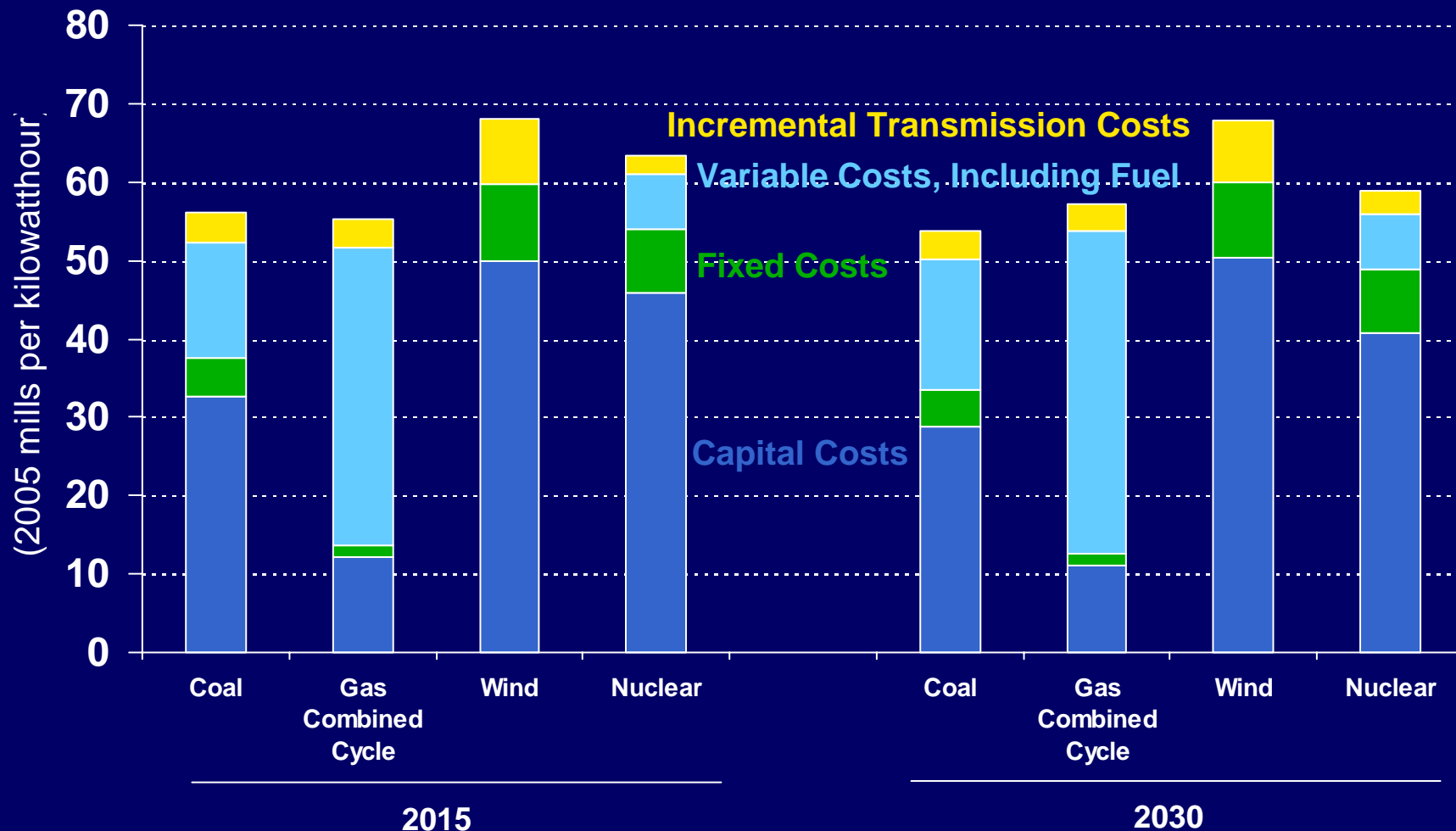
Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

Primary Assumptions/Drivers

- Demand
 - Macroeconomic (GDP, population, personal disposable income, industrial output)
 - Levelized costs for new electric plants and other costs
 - Natural gas and competitive fuel prices
- Supply
 - Consumption and supply prices
 - Resources
 - Technology
 - World market (oil prices, LNG competition)

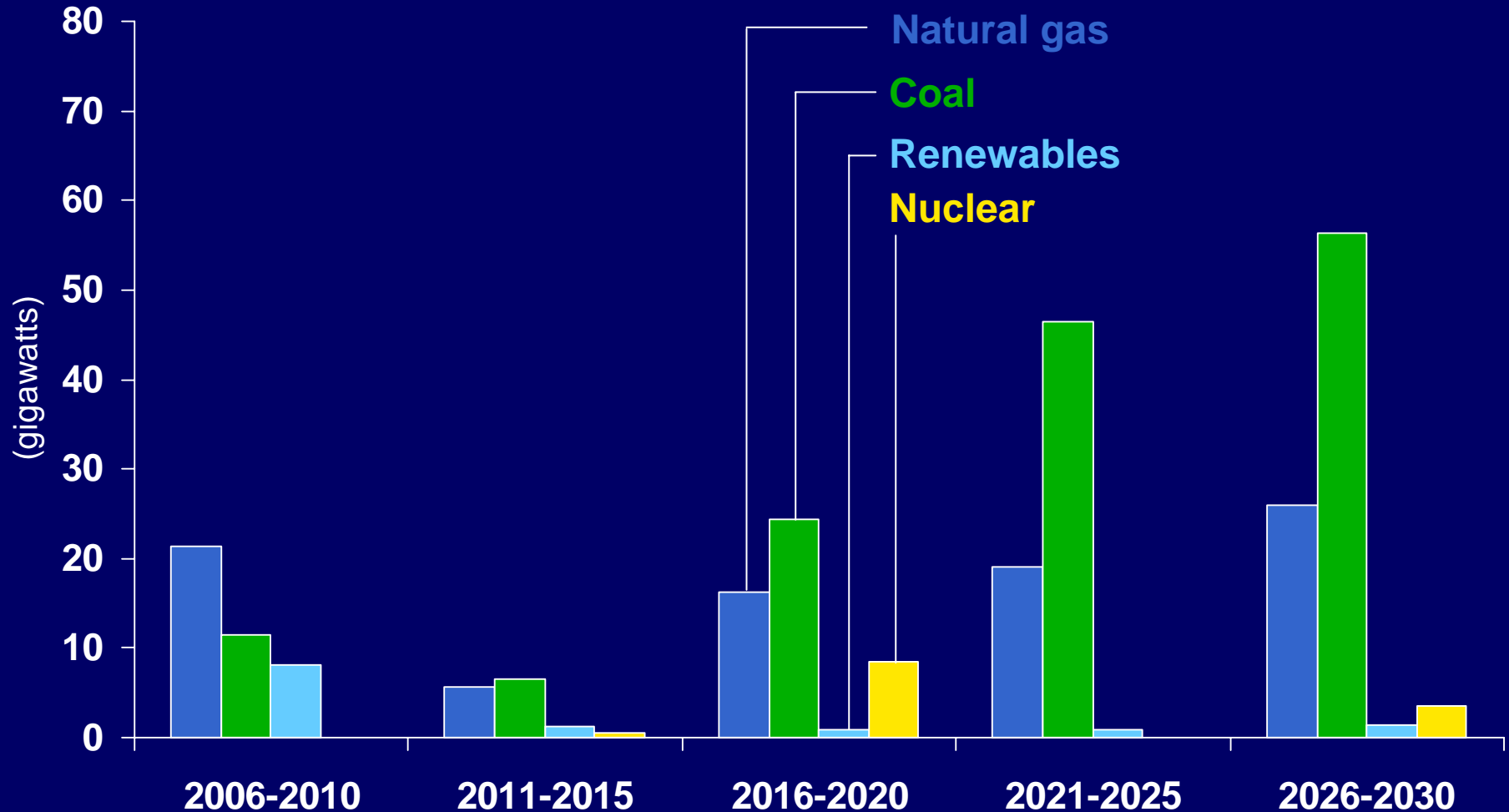
Levelized Electricity Costs for New Plants



Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

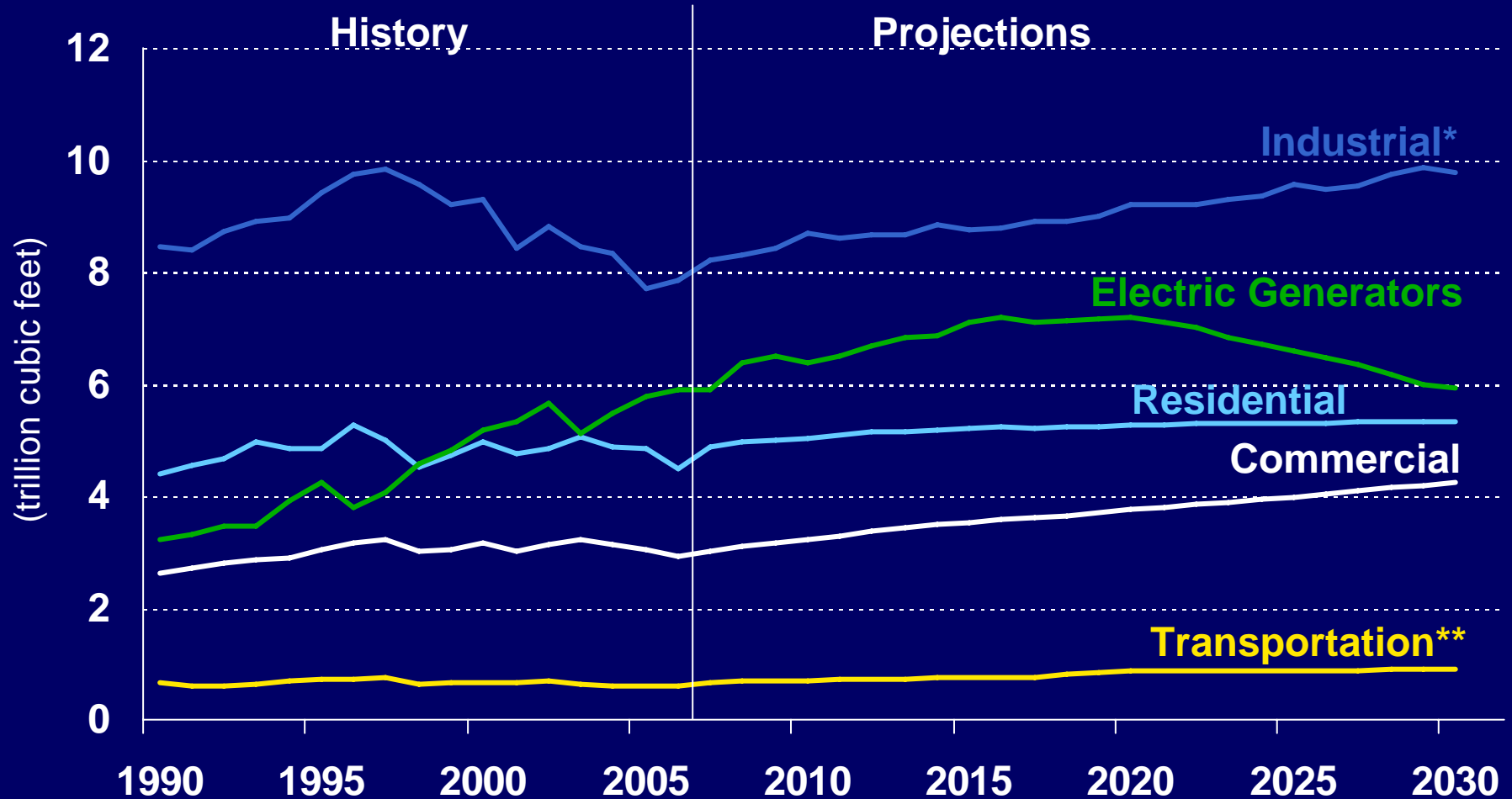
Electricity Generation Capacity Additions by Fuel Type



Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

Natural Gas Consumption by Sector



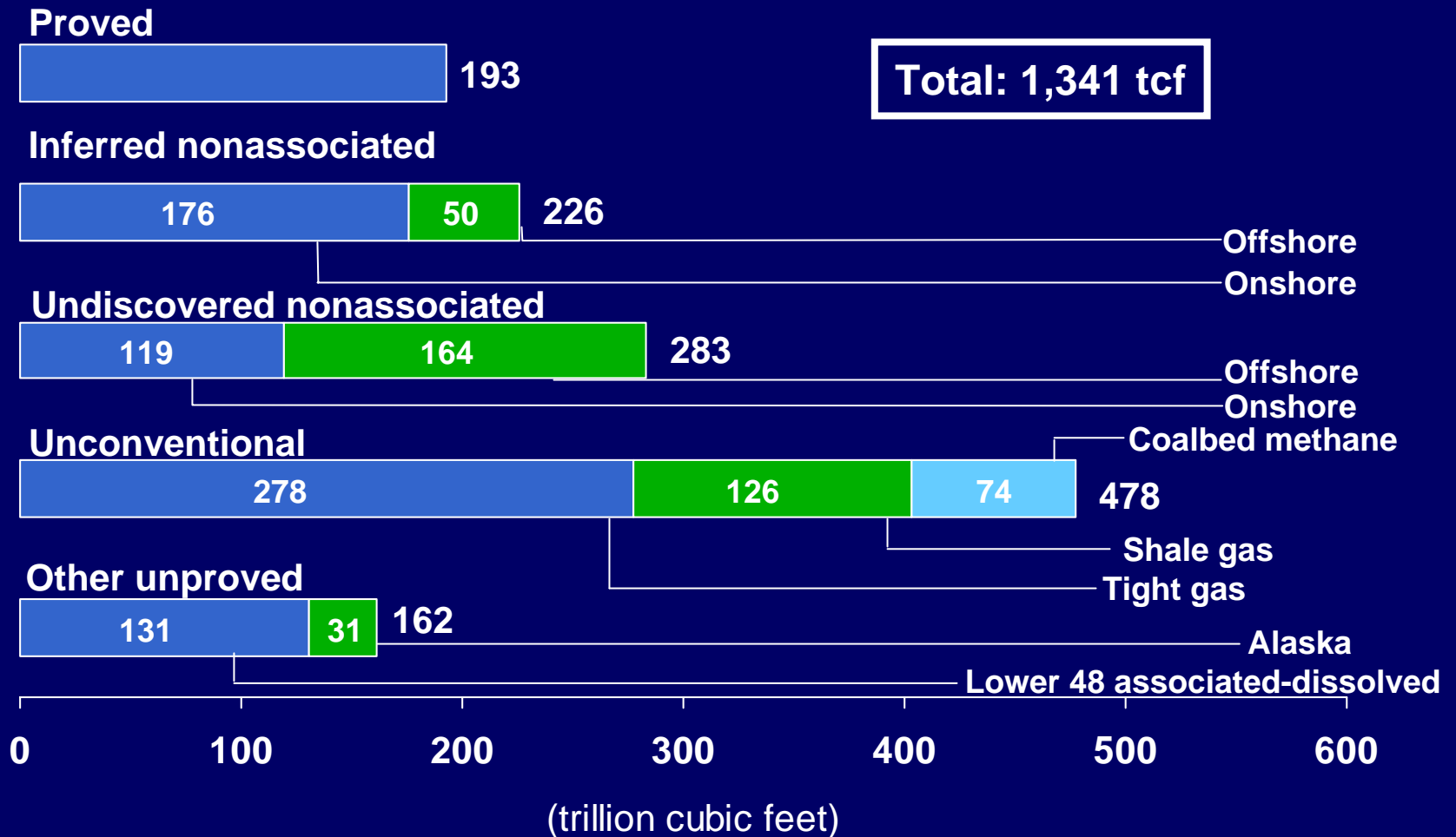
* Includes lease and plant fuel

** Includes pipeline fuel

Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

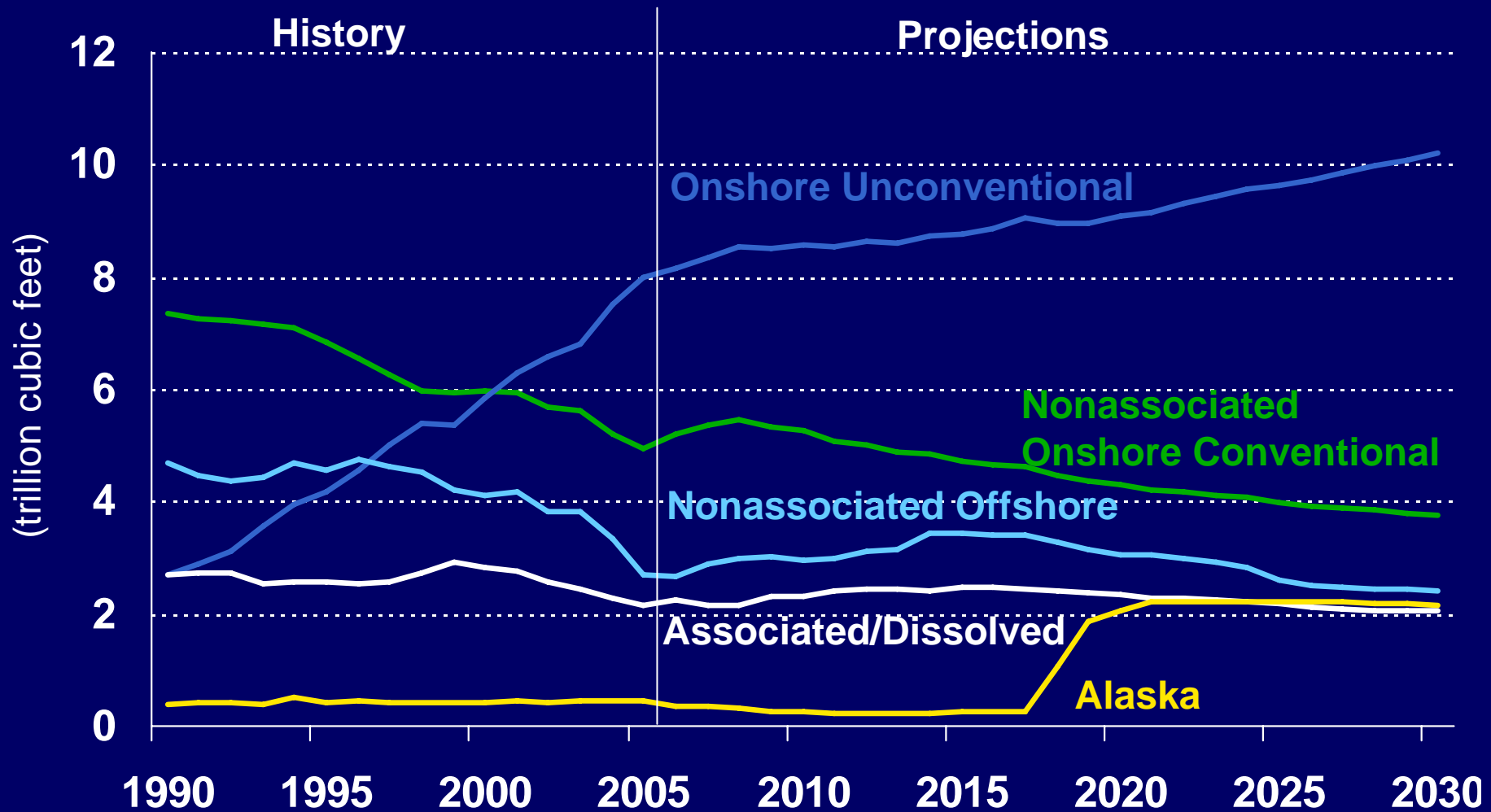
Technically Recoverable U.S. Natural Gas Resources as of January 1, 2005



Source: Energy Information Administration

Natural Gas Projections from EIA and Six Others: March 28, 2007

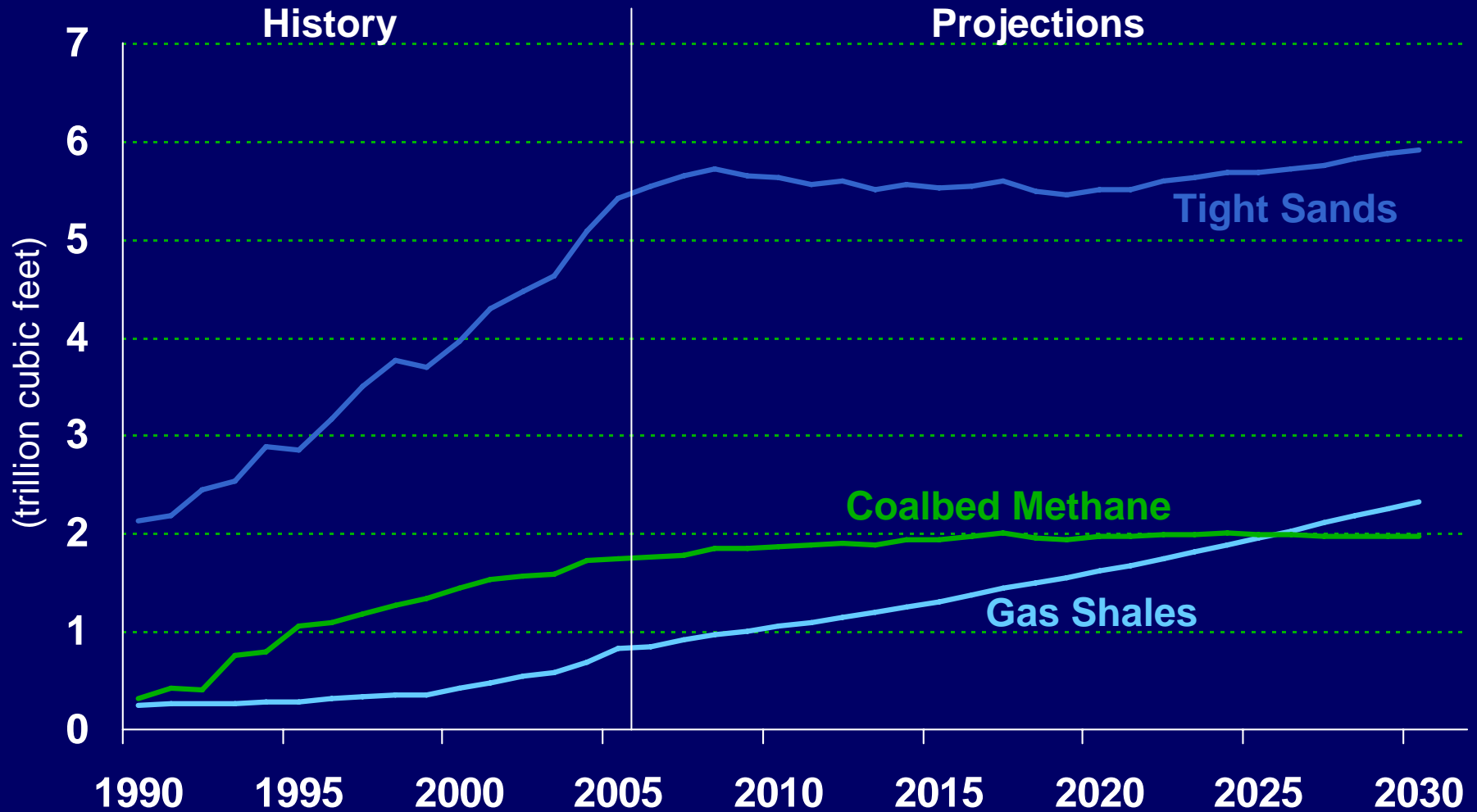
Dry Natural Gas Production



Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

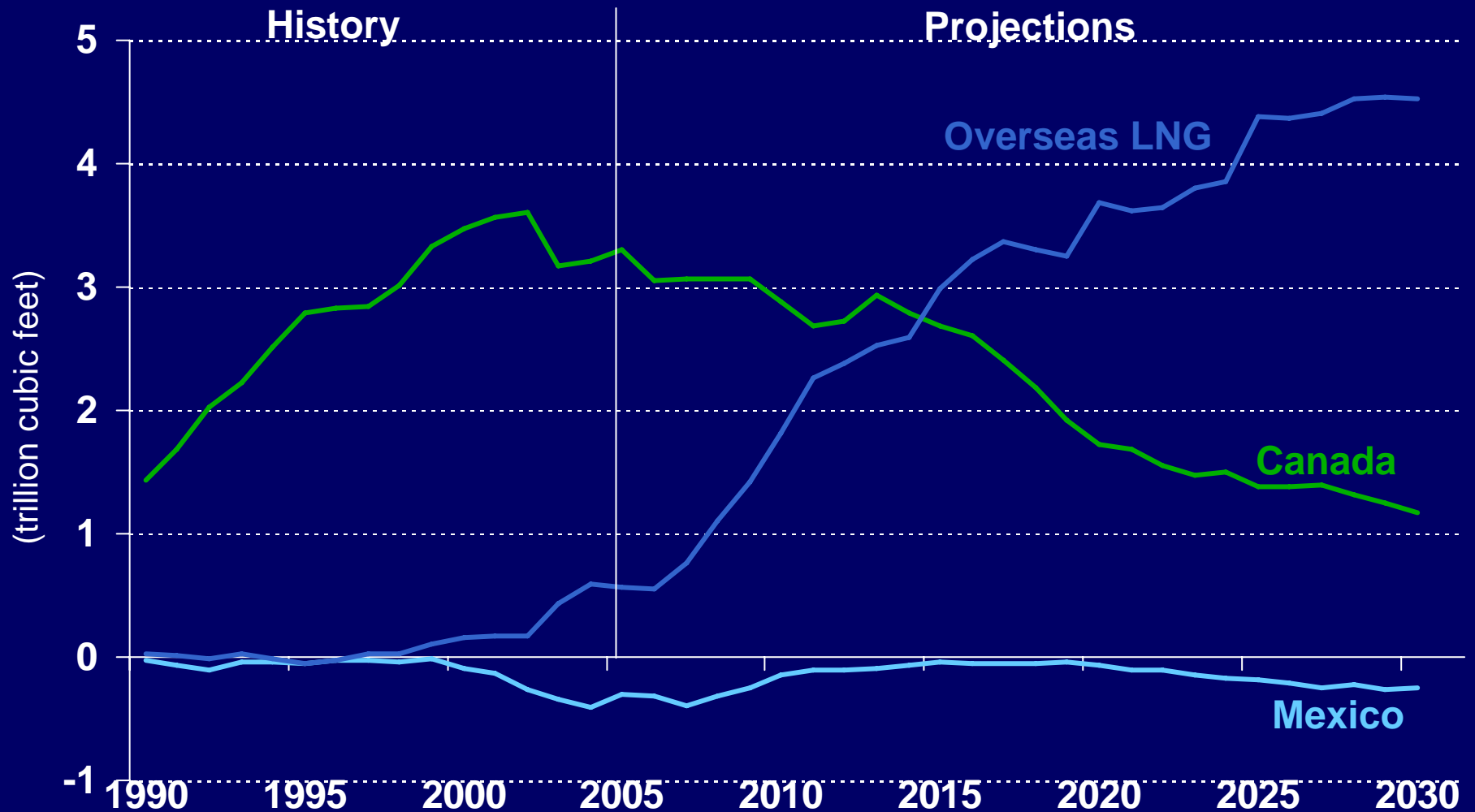
Unconventional Natural Gas Production



Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

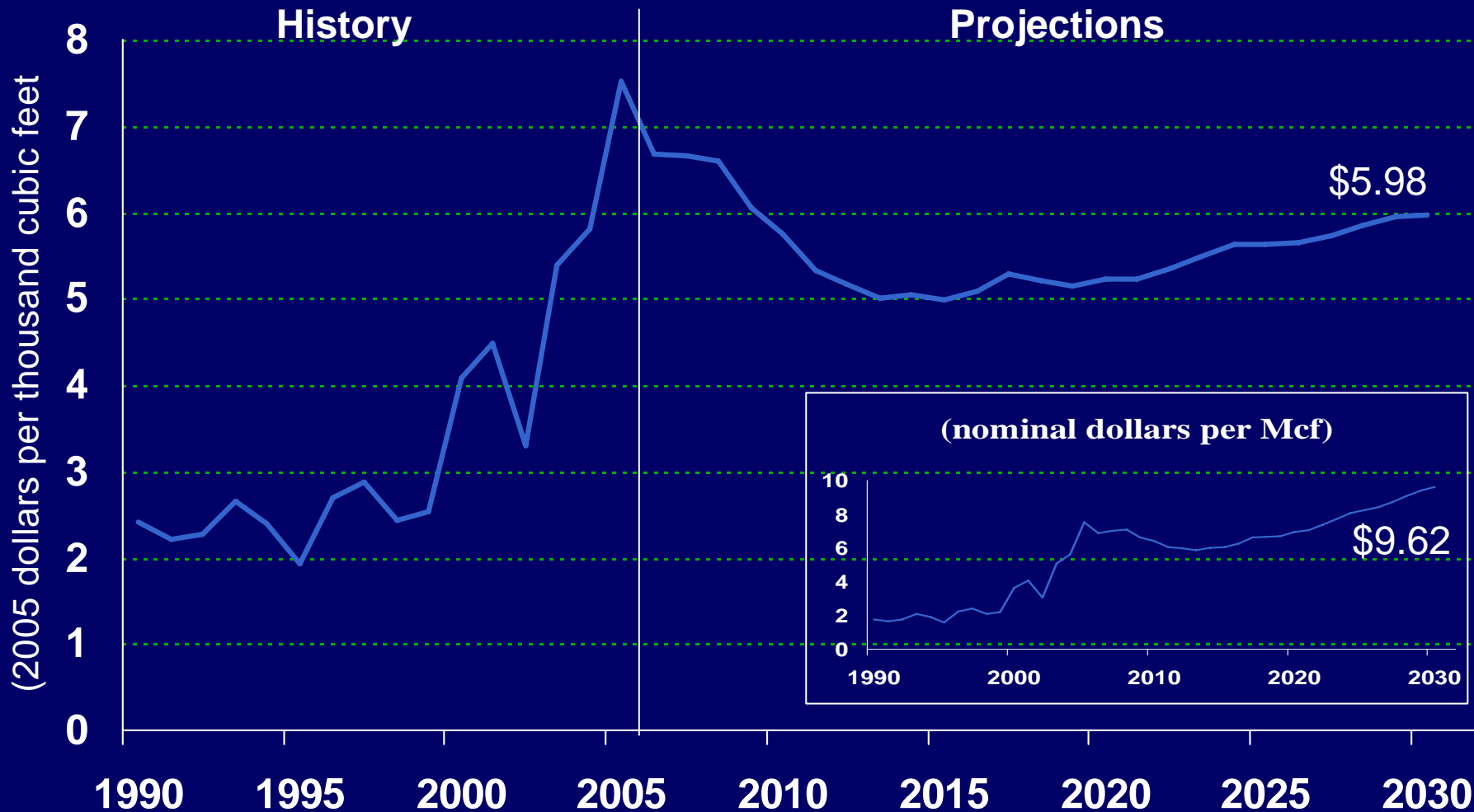
Net Imports of Natural Gas



Source: Annual Energy Outlook 2007

Natural Gas Projections from EIA and Six Others: March 28, 2007

Average Lower 48 Natural Gas Wellhead Price



Source: Annual Energy Outlook 2007

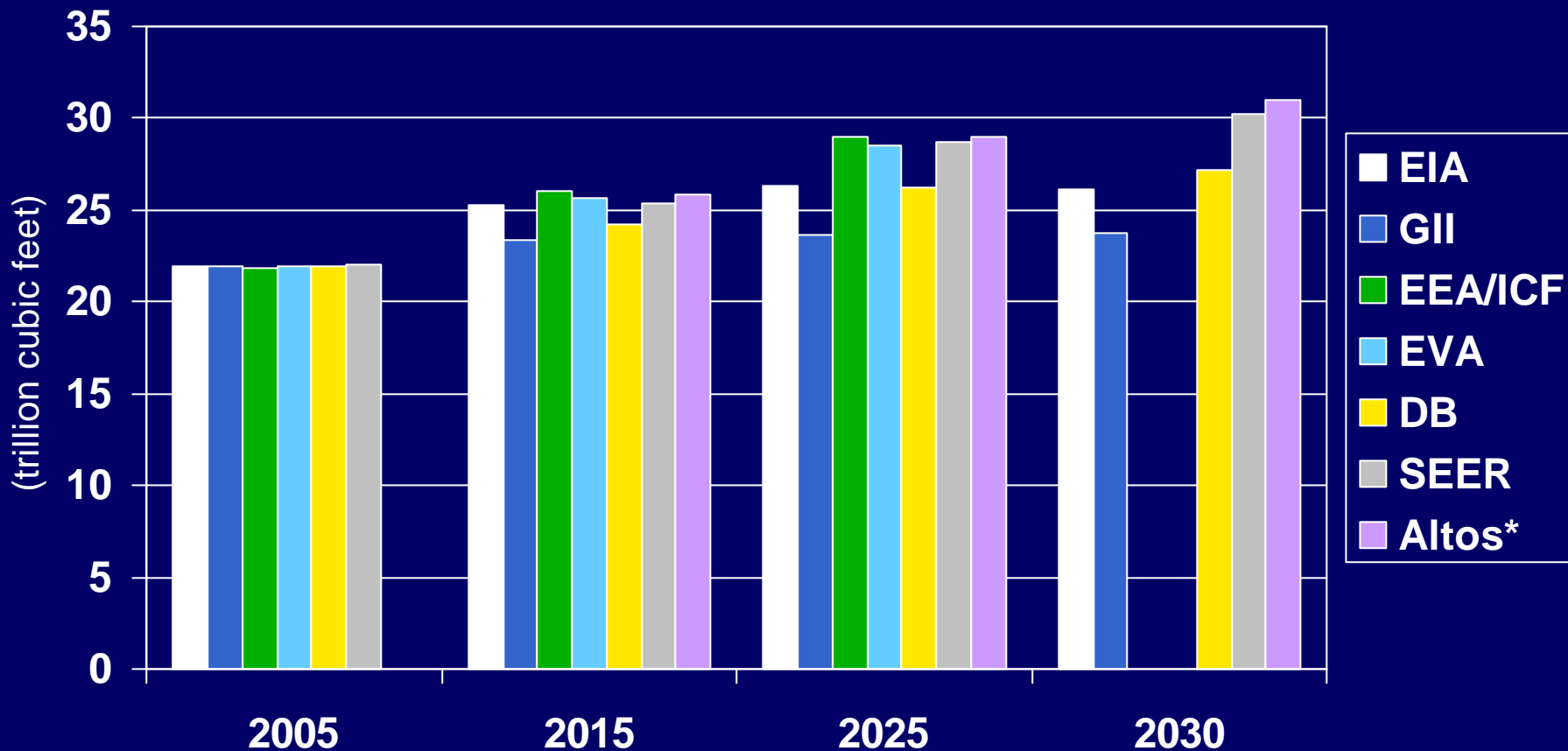
Natural Gas Projections from EIA and Six Others: March 28, 2007

EIA and Other Projections

Other Forecastors

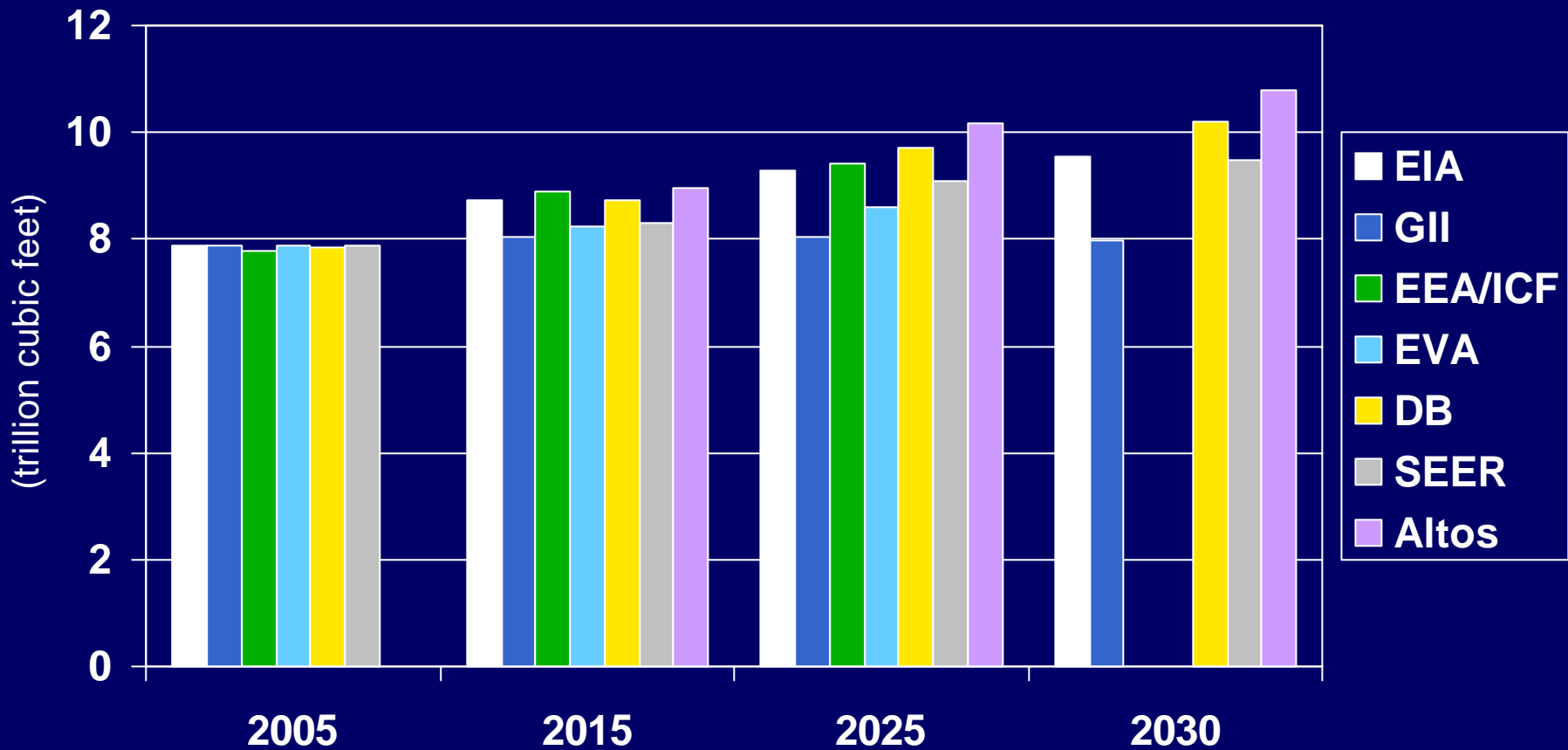
- EVA – Energy Ventures Analysis, Inc. (2006)
- EEA/ICF – Energy and Environmental Analysis, Inc., an ICF International Company (10/06)
- GII – Global Insight, (2006, preliminary)
- DB – Deutsche Bank AG, (11/06)
- SEER – Strategic Energy and Economic Research, Inc. (4/06)
- Altos – Altos Partners (11/06)

Total Natural Gas Consumption Comparison

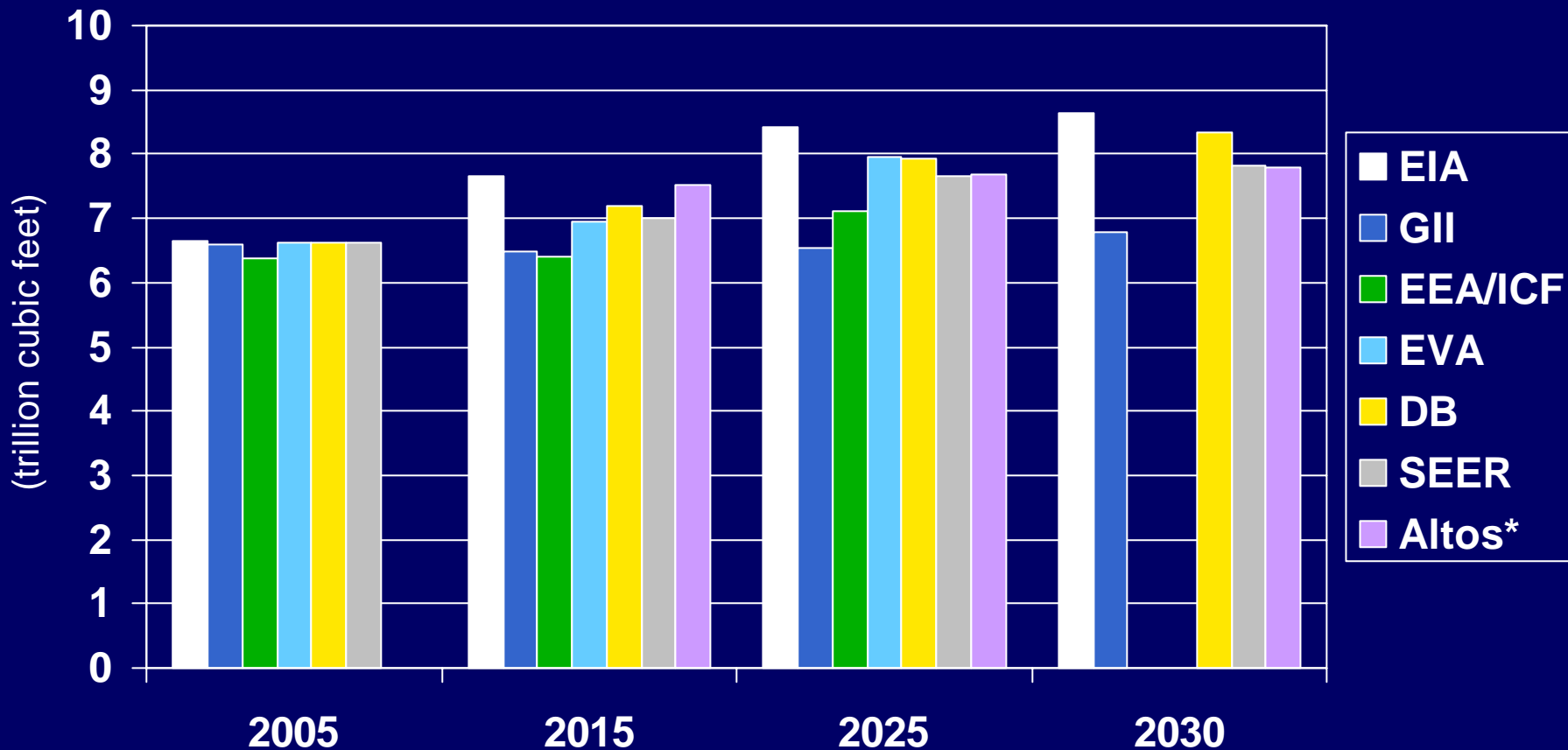


* Excludes pipeline fuel and CNG vehicles

Residential/Commercial Natural Gas Consumption Comparison

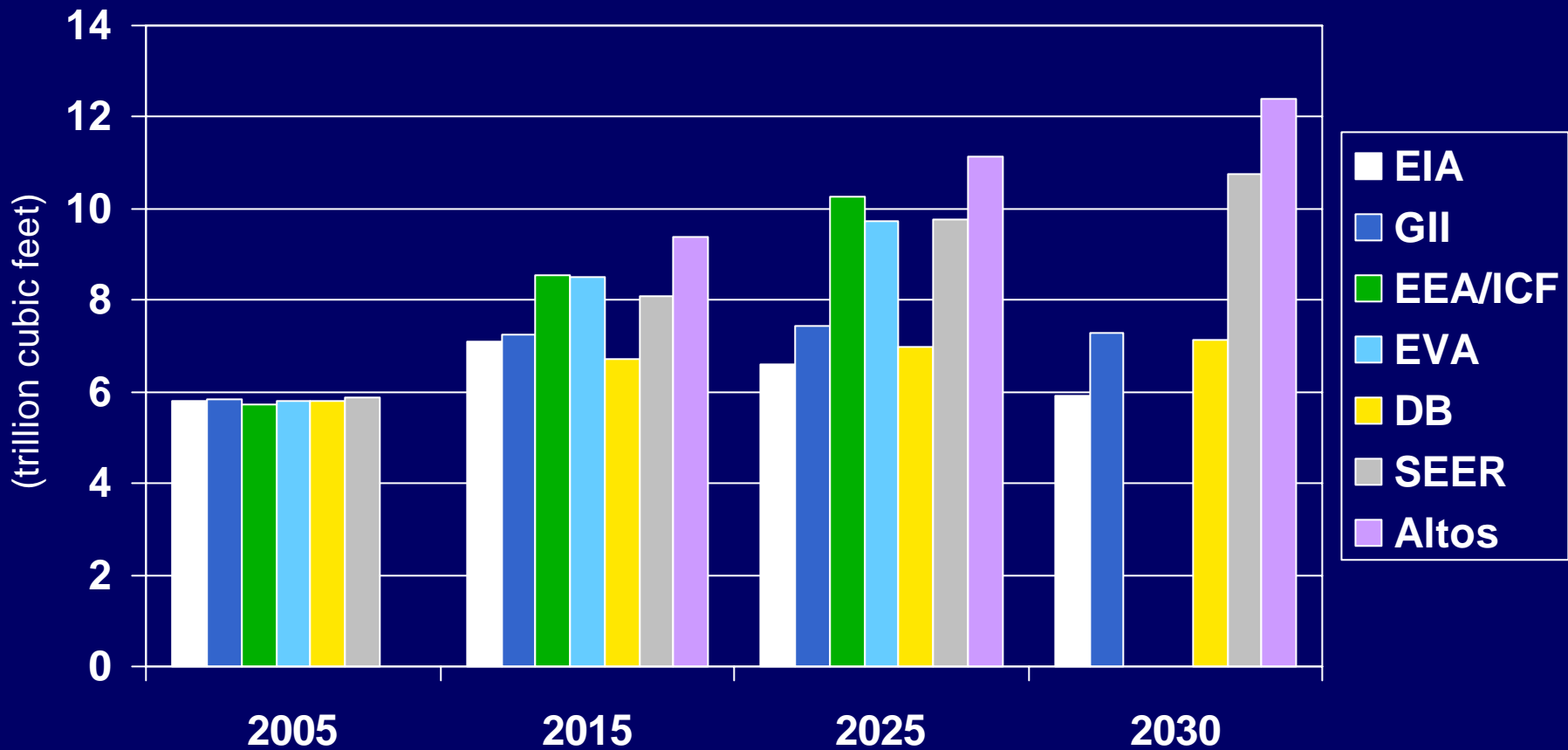


Industrial Natural Gas Consumption Comparison

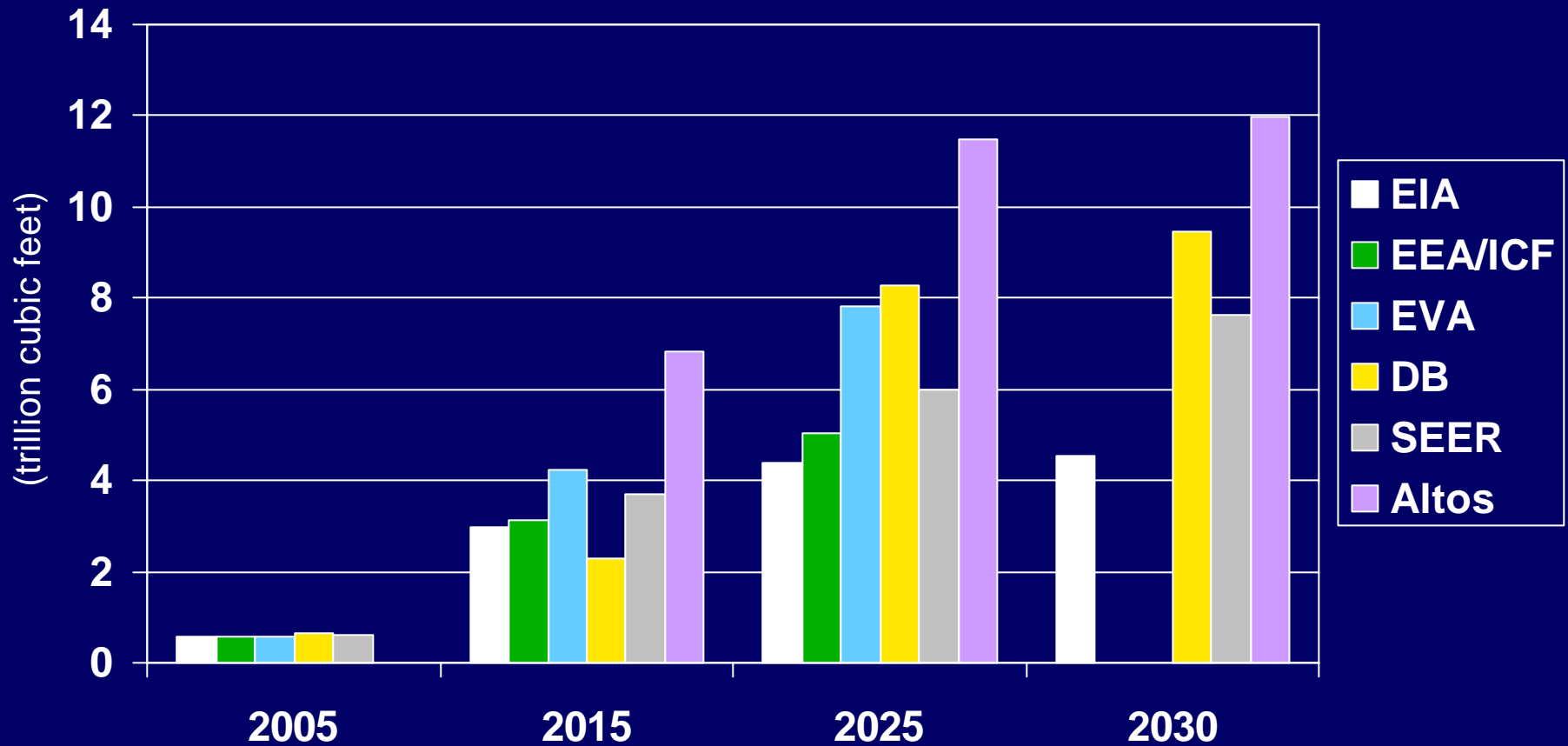


* Includes lease and plant fuel

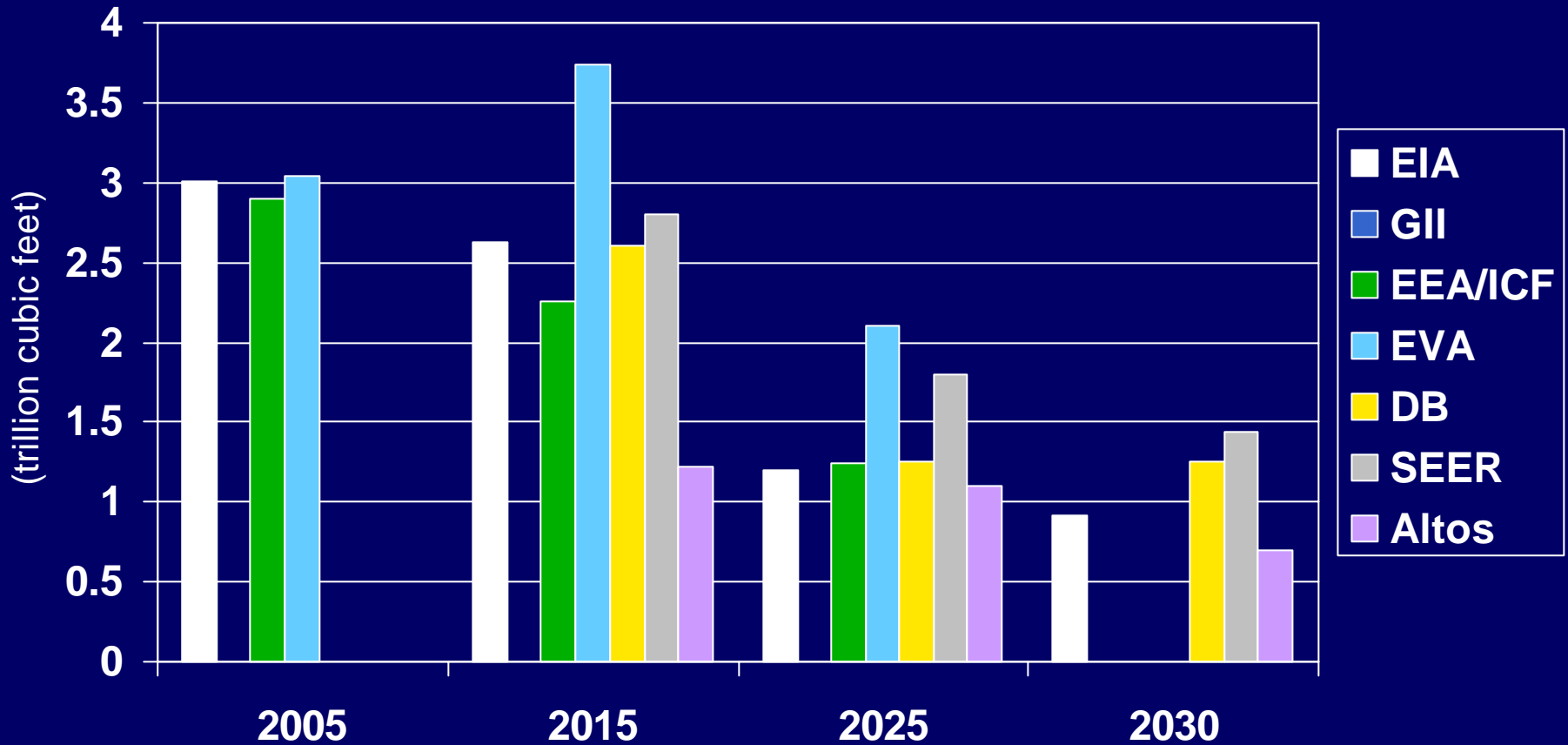
Electric Generator Natural Gas Consumption Comparison



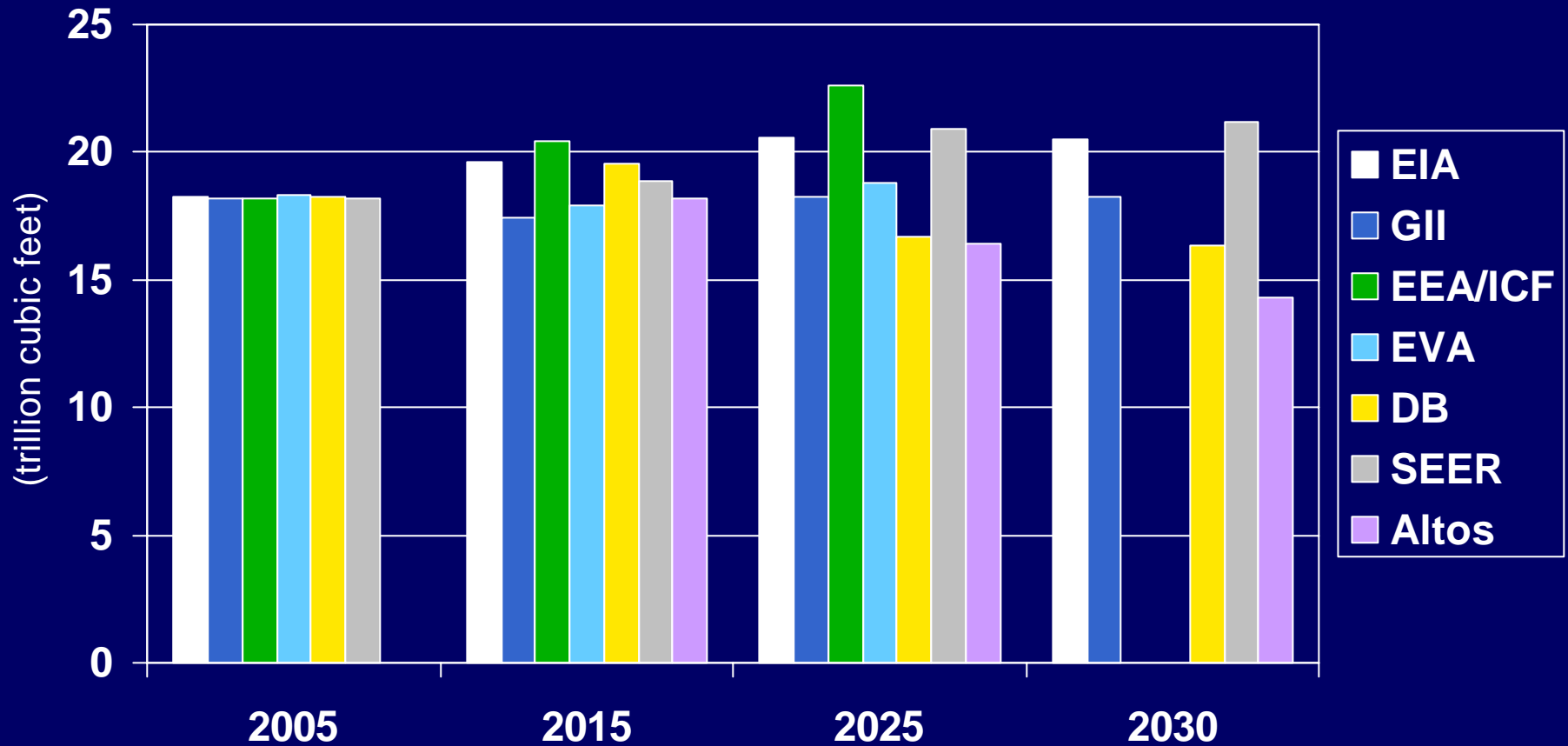
Net LNG Imports Comparison



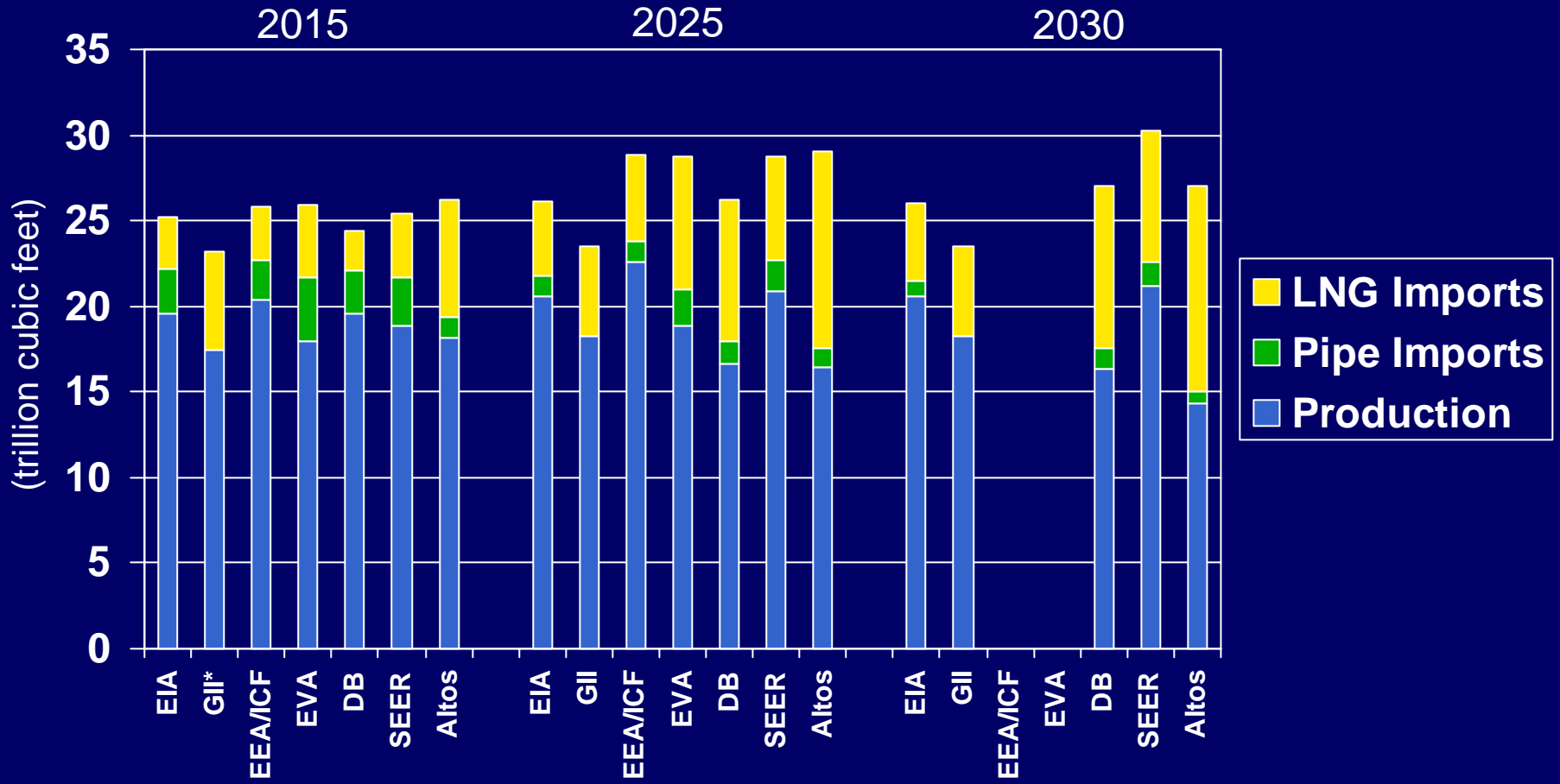
Net Natural Gas Pipeline Imports Comparison



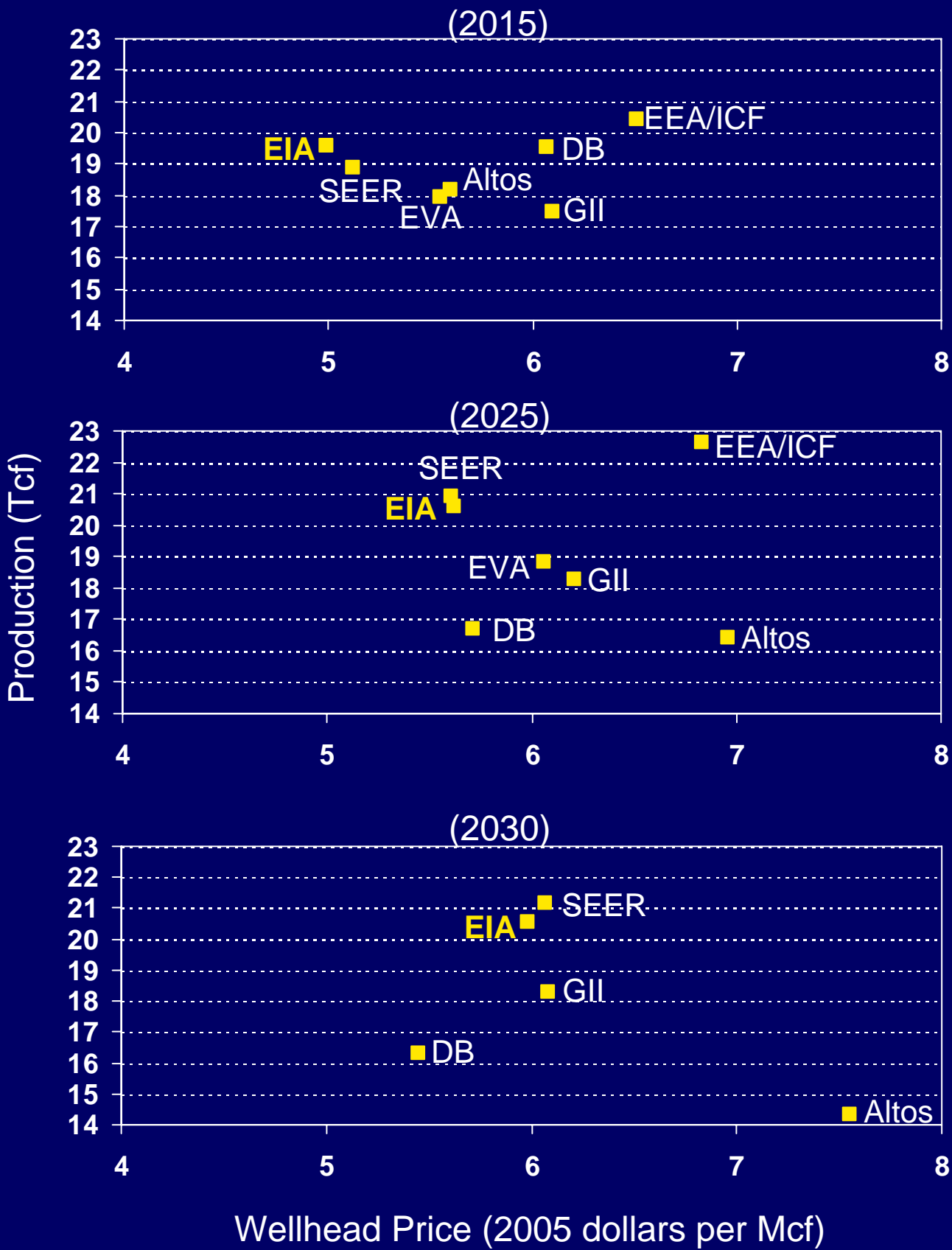
Domestic Natural Gas Production Comparison



Sources of Supplied Natural Gas Comparison



Natural Gas Production/Price Comparison



Thank you

Energy Information Administration
www.eia.doe.gov

Joe Benneche

Joseph.Benneche@eia.doe.gov

202-586-6132