The total U.S. energy consumption in 2004 was nearly 100 quadrillion Btus.

Source: Based on data from EIA Annual Energy Outlook 2005
By year 2025, the total U.S. energy consumption is expected to increase 33 percent to 133 quadrillion Btus.

Source: Based on data from EIA Annual Energy Outlook 2005
Electricity
New generation units added from June 1, 2001 to March 2, 2005 totals 185,908 MW

Source: Derived from Platts POWERmap
Electric Transmission Needed to meet 2025 demand
Impediments to new electric transmission

- Determining Need
- Cost Recovery
- Siting
- Absence of effective forum for resolving multi-state disagreements

May 13th Charleston WV conference on fuel diversity (coal issues)
Licensed and exempted hydropower projects provide 59 GW of electric generation capacity
Natural Gas
Existing major natural gas pipelines in U.S. and Canada

Source: Based on Platts PowerMap

May 5, 2005

Pat Wood, III: Federal Energy Regulatory Commission
Future natural gas pipeline capacity will be required to meet demand
Existing major natural gas storage and LNG facilities
Storage Projects
(capacity in Bcf)

Certificated Since 6/1/2001
Future storage facilities must be built to receive LNG and imported natural gas and to buffer pipeline demand.
A. Everett, MA: 1.035 Bcf/d (Tractebel - DOMAC)
B. Cove Point, MD: 1.0 Bcf/d (Dominion - Cove Point LNG)
C. Elba Island, GA: 0.68 Bcf/d (El Paso - Southern LNG)
D. Lake Charles, LA: 1.0 Bcf/d (Southern Union – Trunkline NG)
E. Gulf of Mexico: 0.5 Bcf/d (Gulf Gateway Energy Bridge – Excelerate Energy)
Existing, Proposed and Potential North American LNG Terminals

* US pipeline approved; LNG terminal pending in Bahamas
* * These projects have been approved by the Mexican and Canadian authorities

May 5, 2005
Pat Wood, III: Federal Energy Regulatory Commission
Future LNG sites will help to bring supply to demand

Approximate number of additional LNG terminals needed to meet short-term demand
Where Are the Export Facilities?

Global LNG Supply Facilities
- Existing
- Under Construction
- Proposed

NORTH AMERICA RESERVES
4%

WORLD PROVED RESERVES 2003:
6,127 TCF

- LNG supply growing
- Multiple LNG supply proposals announced
- Long term LNG supply outlook robust

Source: Cedigaz, NPC
Past and Future

The Four Horsemen of the Apocalypse

- 2000 energy crisis
- Enron
- Commodity price increases
- 2003 Blackout

Getting Back on Track

- Strong price signals to build
- Clear market & cost recovery rules
- Industry listening to customers