

The Outlook for Energy

Presentation to the Sunshine Rotary Club Baton Rouge, Louisiana



April 28, 2005

David E. Dismukes Center for Energy Studies Louisiana State University



Past and Current Crises



Crises of the past rooted in geopolitical strife and regulatory confusion.

Source: Federal Reserve Bank of St. Louis



While geopolitical issues are aggravating today's energy markets, the fundamental source of the problem is clearly rooted in economic fundamentals.

- Most basic energy markets are global, and prices are driven by what goes on in global markets.
 - Capital is mobile across the globe for energy production decisions.
 - Production and output are global in destination markets.
 - Prices are traded on recognized hubs, and through recognized institutions, throughout the globe.
 - While natural gas has been primarily continental, the development of LNG is pushing these markets towards globalization as well.



World Oil Demand























US Household Energy Expenditure as a Percent of Real Disposable Personal Income







- 1. Increase domestic production capabilities but recognizing that we will NEVER be energy independent.
- 2. Increase fuel diversity through market based approaches coal, nuclear, renewables.
- 3. Increase energy efficiency through market based mechanisms
 - a. households
 - b. businesses
 - c. industry























World Marketed Energy Consumption by Region 1970-2025

Long run sees significant increase in usage for developing world











Pipeline Imports

0.2

LNG Imports

Source: Energy Information Administration, Department of Energy

0 +

Center for Energy Studies

Conclusions

- Continued high prices in near term
- Developed world will rely on imports more heavily
- Continued demand will put increased pressure on global energy markets
- US dependence on foreign energy will increase
- Overall problem in real terms is not severe but we are nearing the pressure point



Questions, Comments, & Discussion

dismukes@lsu.edu

www.enrg.lsu.edu