

Energy Week 2010

Program Overview



An Overview of World Oil and Gas Markets and Current Issues

Tulane will offer a special one-week program focusing on energy markets, energy policy, and energy management during the period July 12-16, 2010. This program is for managers from around the world who work in, or have an interest in, the development of world energy markets. Participants are invited from Venezuela, Colombia, China, US, Ecuador, Brazil, and Mexico.

The Energy Week curriculum is intended to provide an overview of the current state (economics, technology, and politics) of world oil and gas markets, the US executive perspective on these markets, trends in alternative sources of energy, and the regulation of energy markets. The program also includes “hands on” experience for the participants with visits to a petrochemical plant in Texas and participation in an energy trading session at Tulane’s campus in New Orleans.

Faculty presenters will include Tulane faculty experienced in energy market analysis and regulatory practice as well as industry and government executive speakers.

The program begins in Houston, Texas, at Tulane’s Executive Education Center and concludes in New Orleans, Louisiana, at the Freeman School of Business, Tulane University. The cost for the week is \$3,500 which includes hotel accommodation, program transportation and materials, and two meals per day. The registration form must be received by June 11, 2010. Payment by wire transfer or credit card only must accompany the completed registration form.

For more information and registration, please contact:

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Energy Week 2010: Faculty Presenters (Tentative)



Monday July 12, 2010 – Tulane Executive Education Center, Houston

Steve Brown - *Perspectives on World Energy Markets*

Performance, structure, and behavior of national and regional economies, updated with a discussion of the impact of the current international financial crisis. Steve will also go over the linkage of oil and gas prices in the market place and the role of LNG imports on US natural gas prices.

Steve Brown – *Globalization of Natural Gas Markets & Linkage of Oil and Gas Prices*

Steve will discuss the internationalization of natural gas markets and the impact of different price indexing systems on the growth of that market, as well as the demise of destination clauses. He will also address the related topic of the linkage of oil and gas prices outside of the US affecting US prices.

David Agerton

David will discuss the role that the North American pipeline grid plays in the pricing and distribution of natural gas throughout the continent. In addition, the lecture will also discuss the role of natural gas storage in both smoothing gas supply as well as in facilitating various gas trading strategies.

Eric Smith – *International Geopolitics and the US policy Debate*

Main concepts and relevant examples pertaining to production of energy and the impact of legislation designed to reduce CO2 emissions and to increase funding for renewable fuels at the expense of hydrocarbon fuels, the shale gas factor, etc.

Jens Kaalstad

Jens, a native of Norway based in Houston, will discuss the role of turret mooring systems in facilitating the delivery of LNG in gaseous form to utilities, not only in the North East, but in the US Gulf as well. His company's patented APL turret system evolved from a system originally designed to load and unload crude oil shuttle tankers in the North Sea.

Lars Odeskaug

Lars is also a Norwegian expat and is the head of Torp Technology, a completely different system designed to offload LNG vessels without the need to modify their hulls to provide re-gasification capabilities onboard or to allow for turret mooring.

Tuesday July 13, 2010 – Tulane Executive Education Center, Houston

Anthony Walz – *Downstream Markets, Power Generation & Transmission*

How do we define downstream markets and what are the influences driving expenditures for new infrastructures, both for generation and transmission/distribution of electrical power. What will be the role of hydrocarbon fuels and the various renewable technologies in expanding electric power supply.

Andrew Makk – *Private Equity and Energy*

How does a private equity firm decide when to invest and when to exit various niche markets in the energy market place. Actual cases from his firm's historic portfolio will be discussed.

Marco Sclochi

Marco, a native of Italy, will describe the role of his company in installing the necessary infrastructure in deep water that is required in order to produce oil and gas. He will also discuss the role of ROVs and Dynamic Positioning as enabling technologies behind this effort.

After lunch, we will have a site visit to a facility in West Houston where ROVs are assembled and tested prior to their deployment on deepwater projects, worldwide.

Wednesday, July 14, 2010 – Travel to New Orleans with visit to Mount Belvieu gas plant

On Wednesday we will board a bus for the trip to New Orleans. Shortly after leaving Houston, we will visit the largest gas processing plant in the US, located at Mount Belvieu, Texas. This plant receives “rich” gas from a variety of fields, both onshore and offshore, processes the gas to remove Natural Gas Liquids, and provides “lean” natural gas that is then delivered through the national pipeline grid. The removed NGLs are stored prior to shipment via a separate pipeline system to the refineries and petrochemical plants of the US.

After the plant visit and lunch, we will continue the journey to New Orleans, passing a number of refineries and petrochemical plants along the way.

Thursday, July 15, 2010 - Freeman School of Business, Tulane University, New Orleans

Zach Allen – *World Oil & Gas Markets/Regulations & LNG*

Zach will provide up to date information on the status of the worldwide LNG market and the use of his tracking system for anticipating the effects of cargo arrivals on regional natural gas prices. He will also address the effects of various regulations and permitting restrictions on the build out of LNG import terminals in North America as well as internationally.

Stephen Goff – *Gasification Technology*

Stephen will discuss the use of advanced gasifiers in reducing pollution while allowing the continued use of solid fuels for petrochemical production and power generation.

Tracy Evans – *Denbury Resources and their Tertiary Production Initiative*

Tracy will discuss the evolution of the use of CO2 floods to extract additional crude oil from older fields while simultaneously providing for the sequestration of large quantities of CO2 output from properly configured power plants and petrochemical facilities.

Joe LeBlanc – *Energy Trading (Oil, Gas, Crack Spreads, Gasoline)*

An explanation of the fundamental drivers of US energy markets and the role played by physical and future markets in establishing prices for these fuels. This lecture will serve as a primer on the fundamental trading mechanics for a range of hydrocarbon products including Oil, Gas, Crack Spreads, and Gasoline. This session will utilize Tulane's state-of-the-art trading facility to give participants a feel for the actual dynamics involved in trading energy commodities.

Friday July 16, 2010 – Freeman School of Business, Tulane University, New Orleans

Linda Bayhnam – *Renewable fuels and their current status*

Linda will discuss the role for renewable fuels both in power generation and in transportation and how these sources might develop in the face of economic hurdles including the currently low prices of hydrocarbon fuels.

Anjali Sheffrin – *Power Regulation*

Anjali will discuss the role of the regional "ISO" in regulating the delivery of electric power in within various regions. She will discuss, in particular, the California experience and the modifications that were necessary in order to restore reliability to the system after the much publicized meltdown of that system.

Greg Thurnher – *Power Dispatch Simulation*

Greg will work with the class in Tulane’s trading room as the students work through simulations designed to illustrate the decision making necessary in real time to balance the power being moved through a transmission system. The proprietary Tulane simulator is unique in being able to provide this type of training.

John Rodi, US MMS – *Trends in Regulation of Energy Markets*

John is a deputy director of the US Minerals Management Service (MMS). The MMS is the lead government regulator for oil and gas development in the offshore arena but shares responsibility with the US Coast Guard as well as other federal agencies in the regulation of US marine based energy resources from the state border, generally three miles offshore, out to the 200 miles limit. John will focus on the regulatory mechanisms that apply to offshore oil gas and wind power development on the US outer continental shelf. He will describe the government “take” in terms of bonus payments and royalties, as well as the numerous regulatory actions taken during the life of oil and gas leases in Federal waters.

Eric Smith – *Offshore Oil & Gas Production (New Developments)*

This wrap up session covers new developments in International and Domestic Offshore Oil and Gas. We will discuss growth in offshore production, as well as the use of new technology which allows for accessing ever deeper reserves in ever deeper water. Specific fields to be discussed will include the newly operational Perdido field in the US Gulf as well as various emerging fields in Brazil and West Africa.

Energy Week 2010: Schedule of Activities (Tentative)
Houston & New Orleans
Oil & Gas Executive Education Program

Sunday	11-July	Arrival to Houston, Texas, at the Marriott Hotel - South Loop Houston	
Monday	12-July	Tulane Executive Education Center - Houston	
	AM	Speaker	Perspectives on World Energy Markets
		Speaker	Globalization of Natural Gas Markets & Linkage of Oil and Gas Prices
		Speaker	Oil/Gas Executive
	PM	Speaker	International Geopolitics & US Policy Debate
		Speaker	Oil/Gas Services Executive
		Speaker	Oil/Gas Services Executive
	6 PM	Reception	Wine and Cheese Reception at the Marriott Hotel – Houston
Tuesday	13-July	Tulane Executive Education Center - Houston	
	AM	Speaker	Downstream Markets, Power Generation & Transmission
		Speaker	Private Equity and Energy
	PM	Site Visit	COMPANY VISIT HOUSTON
Wednesday	14-July	Travel to New Orleans by Bus	
	AM	Site Visit	Gas Processing Plant Mt. Belvieu, Texas
	PM	Arrival N.O.	Arrival in New Orleans, Check-In Sheraton Hotel
Thursday	15-July	Freeman School of Business, Tulane University—New Orleans	
	AM	Speaker	World Oil & Gas Markets/Regulations & LNG
		Speaker	Gasification Technology
		Speaker	Tertiary Oil production and CO2
	PM	Speaker	Energy Trading (Oil, Gas, Crack Spreads, Gasoline)
Friday	16-July	Freeman School of Business, Tulane University—New Orleans	
	AM	Speaker	Renewable Energy
		Speaker	Power Regulation
		Speaker	Power Dispatch Simulation
	PM	Speaker	Trends in Regulation of Offshore Energy Markets
		Speaker	New Energy Market Developments
Closing Dinner			
Saturday	17-July	Departure – We suggest to book a one-way trip with Southwest Airlines to Houston for International Connection	