

School of Energy

June 26-27, 2024

RBN's Latest Crude, Gas,
NGL, Refined Products and
Renewables Curriculum

Catch A Wave! Shifting Tides In Energy Markets Generate Opportunities

The seas of U.S. energy markets are shifting once again and that means big changes are coming to oil, gas, NGLs and refined products. Appearing on the horizon are new waves of infrastructure — pipelines to move commodities to coastal markets and terminals to load ships for global exports. We've experienced waves like this before, as the Shale Revolution unleashed a tsunami of volume into the U.S. market and midstreamers helped make it happen. If you're new to the market or missed the last cycle, don't worry, this summer RBN Energy will help you catch the next wave at our annual School of Energy.

Like a tempest on the ocean, commodity markets can be unpredictable — and that's never been truer than it is today. Uncertainty around the future of energy markets, the regulatory landscape, the penetration of renewables and the pace of permitting — just to name a few — make it more important than ever to be well grounded in energy market fundamentals. And that's what School of Energy is all about.

Over the two-day, in-person conference we'll tell you the latest about what's happening in energy markets and, just as important, we'll explain *why* markets behave the way they do. And not in some esoteric way, either. We will literally equip you with the tools (a plethora of Microsoft Excel models) you need to stay abreast of trends. We've also carved out time for Q&A sessions and discussions with RBN faculty, as well as a couple of big kahunas in midstream markets. And you'll have the opportunity to hang out with us and other energy professionals at our evening networking event. Beyond that, for material we can't squeeze into the two-day format, participants will have access to a cache of online presentations to supplement the live conference.

It's a lot of content and it will provide a lot of value. You'll gain the knowledge and connections to not only survive the next wave of energy development but also to identify and capitalize on opportunities.

Join us at School of Energy and you'll be sittin' on top of the world!



Making Connections Across Energy Markets

School of Energy is the best way for you and your team to get educated on the different components of oil, gas, NGLs, refined products and renewables markets and how they interrelate. You will learn how to monitor these markets, recognize opportunities, spot pitfalls and understand the possible impacts of taking action. Our live curriculum will be enhanced with detailed instructional videos to explain topics like production economics, Permian pipeline capacity, Canadian markets and petrochemical steam crackers to provide a hybrid learning opportunity. By diving into some of the more dynamic parts of the market in the live sessions and keeping the more fundamental parts online, we

will utilize the best of both worlds in providing a convenient and flexible way for attendees to further educate themselves and their teams on the intricate components of the energy markets.

Just as important, at the live event you will get a chance to meet other energy professionals with diverse backgrounds and insights reflecting their areas of expertise. RBN's 18th School of Energy will be held June 26-27, 2024, at The Houstonian Hotel in Houston. Get ready to immerse yourself in the interconnected world of energy and find out what trends major market players are amped-up for, keeping close track of, or downright nervous about.

Register Now!

Early Bird Rate (ends May 27th): \$2,450

After May 27th: \$2,950

Group rates available by contacting Richard Robinson at rrobinson@rbnenergy.com.

Questions: school@rbnenergy.com
and **888-613-8874**

More Details at
<https://rbnenergy.com/school-of-energy>



This program has been approved by GARP and qualifies for 12 GARP CPD credit hours.



This program has also been approved by the NASBA for 12 CPE credit hours

School of Energy Faculty



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Jeremy Meier,
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Registration & Breakfast – 7:30 AM

Day 1: Welcome, Introductions – 8:30 AM

Module #1: Basics

New Market Realities - Current Market Conditions

🖥️ Basics: History of the Shale Revolution; Domino Effect

Addressing Energy Transition and Future Demand

School of Energy Overview

Break

Fundamentals of Fundamentals, NGLs and Modelling

🖥️ Understanding Energy Fundamentals Models

🖥️ Lab Model: Propane to Crude Ratio

Module #2: Production

Production Basics

🖥️ Production Economics Concepts

🖥️ Lab Model: Production Economics: Single Commodity

🖥️ Lab Model: Production Economics: Multi-Commodity

Other Producer Considerations and the Impacts of Consolidation

Lab Model: Production Forecast

Production Forecasts (Oil, Gas, NGLs)

Lunch

Permian Crude: Infrastructure, Flows and Constraints

Permian Gas: Flow, Capacity and Pricing Developments

🖥️ Permian NGL: Production, Capacity

Module #3: Crude Oil Markets

Crude Fundamentals

🖥️ Crude Oil Pricing Mechanics and Domestic Trends

🖥️ Crude Quality: Prices, Pipelines & Refining

Pipelines Projects, Exports

🖥️ Legacy CO₂; EOR; Pore Space

🖥️ CCS Regulation-45Q

🖥️ CO₂ Infrastructure and Projects

Break

Module #4: Refined Products

Fundamentals of Refining

Refined Products Demand, Pricing and Outlook

🖥️ Lab Model: Crack Spread

🖥️ Lab Model: Refinery Yield

Renewable Diesel and SAF

Cocktail Reception – 4:30 PM

Day 2: Welcome Back – 8:30 AM

Module #5: Natural Gas Markets

Natural Gas Fundamentals & North America Market Overview

🖥️ Lab Model: Natural Gas Netbacks

Gas-Price Sensitive Basin Trends (Haynesville/Appalachia)

Natural Gas Prices and Demand

🖥️ Lab Model: Coal vs Gas Switching

LNG Exports, Feedgas and Pipelines Projects

Break

Canada Gas

Natural Gas Transportation, Rates and Regulation

🖥️ Lab Model: Gas Pipeline Rate Estimation

🖥️ Lab Model: Gas Pipeline Flows

🖥️ Certified Natural Gas: Certification and Markets

Lunch

Module #6: Hydrogen

H₂ Market Overview - Gray, Green, Blue, Pink

🖥️ H₂ Infrastructure

🖥️ Lab Model: Hydrogen Calculator

Module #7: NGL Markets

NGL Production, Processing, Rejection, Fractionation, Transportation

🖥️ Lab Model: Frac Spread

🖥️ Lab Model: Gas Processing

🖥️ Lab Model: Ethane Rejection

NGL Forecasts, Demand, Petrochem Economics, Exports

🖥️ Lab Model: Petrochemical (Steam Cracker) Feedstock Margins

Break

Pipelines, Projects and Crackers

Module #8: Conclusion

How To Navigate the Next Phase In Energy Markets

Adjourn – 3:10 PM

subject to change