



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, NGL and refined products markets. Swelling on the horizon are new waves of infrastructure — pipelines to move the 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, penetration of renewables and 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 network 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 videos 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

At School of Energy, attendees will get educated on the different components of the energy market and how they interrelate. You will learn how to monitor these markets, spot opportunities, and understand the possible impacts of taking action. You will also get a better idea of the current state of the market, as well as potential future trends that could affect them or their businesses. Just as important, you

will get a chance to meet other energy professionals with diverse backgrounds and critical insights.

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 pumped-up for, keeping close track of, or have them downright nervous.

Register Now!

Early Bird Rate (ends May 24th): \$2,450

After May 25th: \$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. If you are a Certified ERP or FRM, please record this activity in your credit tracker at <http://www.garp.org/cpd>

School of Energy Faculty



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Executive Chairman,
RBN Energy



David Braziel,
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RBN SCHOOL OF ENERGY CURRICULUM: JUNE 26-27, 2024

subject to change

Registration & Breakfast – 7AM

Day 1: Welcome, Introductions – 8AM

Basics: History of the Shale Revolution; Domino Effect
New Market Realities - Current Market Conditions
Addressing Energy Transition and Future Demand
School of Energy Overview

Break

Module #1: Basics

Fundamentals of Fundamentals, NGLs and Modelling
Understanding Energy Fundamentals Models
Lab Model: Propane to Crude Ratio

Module #2: Production

Production Basics: Concepts and Methodologies, Current Trends and Intro to Economics
Production Economics Concepts
Lab Model: Production Economics: Single Commodity
Lab Model: Production Economics: Multi-Commodity
Lab Model: Production Forecast
Production Forecasts (Oil, Gas, NGLs)
Permian Crude, Gas, & NGLs

Lunch

Module #3: Crude Oil Markets

Crude Fundamentals: Market Overview, Export Drivers and Constraints
Crude Oil Pricing Mechanics and Domestic Trends
Crude Quality: Prices, Pipelines and 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 – 4PM

Day 2: Welcome Back – 8AM

Module #5: Natural Gas Markets

Natural Gas Fundamentals & North America Market Overview
Lab Model: Natural Gas Netbacks
Gas-Price Sensitive Basin Trends
(Haynesville/Appalachia)
Canada Gas
Natural Gas Prices and Demand
Lab Model: Coal vs Gas Switching

Break

Natural Gas Transportation, Rates and Regulation
Lab Model: Gas Pipeline Rate Estimation
LNG Exports, Feedgas and Pipelines Projects
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: NGLs

NGL Market Overview: Demand, Price Volatility and Ethane Rejection
Demand, Pricing, Exports and International Markets
Lab Model: Frac Spread
Lab Model: Gas Processing

Break

Pipelines Projects, Exports, Crackers
Lab Model: Petrochemical (Steam Cracker) Feedstock Margins
Lab Model: Ethane Rejection

Module #8: Conclusion

How To Navigate the Next Phase In Energy Markets

Adjourn – 3PM