

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 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>



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School of Energy Faculty



Rusty Braziel,
Founder and
Executive Chairman,
RBN Energy



David Braziel,
President and CEO,
RBN Energy



Rick Smead,
Managing Director,
Advisory Services,
RBN Energy



Lindsay Schneider,
Principal Consultant
and Analyst,
RBN Energy



Martin King,
Senior Analyst
and Consultant,
RBN Energy



Taylor Noland,
Founder and
President,
Engage Energy
Marketing
Consulting



Noel Copeland,
Director of GIS
Services,
RBN Energy



TJ Braziel,
Director of
Client Services,
RBN Energy



Robert Auers,
Manager,
Refined Fuels
Analytics (RFA)



Marc Passy,
Manager, Analytics
and Products,
RBN Energy



Jeremy Meier,
Production
Analyst,
RBN Energy



John Auers,
Managing
Director,
Refined Fuels
Analytics (RFA)



Jason Lindquist,
Managing Editor,
RBN Energy



John Abeln,
Senior Analyst,
Natural Gas,
RBN Energy



Adam Baker,
Energy
Fundamentals
Analyst,
RBN Energy



Scott Potter,
Managing Director,
Business
Development,
RBN Energy

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