INTRODUCTION TO THE LIQUEFIED NATURAL GAS INDUSTRY
Infrastructure, Regulation and Markets

October 7-8, 2019
InterContinental New Orleans
New Orleans, LA

“This course is a great starting point to introduce the student to LNG and its place in the industry. It provides a concise overview that connects the dots without overwhelming the student. It packs a powerful punch!”

Natural Gas Analyst, US Department of Energy
OVERVIEW

This 1.5-day course will present an overview of Liquefied Natural Gas (LNG). Attendees will receive a comprehensive understanding of the supply chain, types of infrastructure, costs, siting and safety regulations, and LNG markets. The instructor will also discuss how an LNG plant operates (import, storage, and vaporization) and types of vessels used to transport LNG. Attendees will have a better understanding of the relationship between U.S. shale gas and LNG, and the latter’s role as a fuel for the 21st century.

Attendees will also learn about inland and offshore LNG import and export terminals, and LNG peak shaving plants used to mitigate temporary natural gas supply and price risks. The course will address the roles played by the Department of Energy, FERC and USCG in siting and safely operating U.S. LNG projects. Attendees will learn about LNG pricing mechanisms, sales purchase agreements, how LNG is priced for domestic use, and natural gas and LNG futures contracts used to hedge risk.

LEARNING OUTCOMES

- Describe the basic LNG fundamentals
- Discuss the traditional LNG supply chain
- Evaluate LNG transportation
- Assess LNG Receiving terminals
- Discuss the offshore LNG supply chain
- Review LNG environmental aspects
- Evaluate LNG project costs
- Analyze LNG contracts and project development
- Discuss LNG trade markets
- Review examples and mechanisms of U.S. LNG exports
- Discuss purchasing strategies of LNG for use in the U.S.

WHO SHOULD ATTEND

- Those new to the LNG industry
- Experienced employees who need a refresher
- Prospective natural gas and LNG buyers
- Electric power professionals
- Investors and attorneys
- Managers and commodity analysts
- State and federal regulators of LNG
- Engineering and environmental consultants

“Training was very helpful in understanding the fundamentals of the LNG value chain and market place.”

Environmental Engineer, VOLPE
AGENDA

MONDAY, OCTOBER 7, 2019

8:00 – 8:30 am  Registration and Continental Breakfast

8:30 am – 5:00 pm  Course Timing

12:00 – 1:00 pm  Group Luncheon

LNG Fundamentals
• LNG Characteristics
• Units and Conversion Factors

Traditional LNG Supply Chain
• LNG Production Plant
• Feed Gas Conditioning
• LNG Recovery
• Liquefaction
• Liquefaction Plant Types
• LNG Train Size
• LNG Loading

LNG Transportation
• By Ship
• By Truck
• By Rail

LNG Receiving Terminals
• Onshore LNG Terminals
• Offshore LNG Terminals
• LNG Storage
• Vaporizers

Offshore LNG Supply Chain
• Floating Production Storage Offloading (FPSO) and Floating LNG
• Offshore LNG Regasification
• Floating Storage & Regasification Units (FSRU)

LNG Environmental Aspects
• Pros and Cons
• Public Health and Climate Change
• CO₂ Emissions
• FERC & USCG NEPA Environmental Reviews
AGENDA

TUESDAY, OCTOBER 8, 2019

8:00 – 8:30 am   Continental Breakfast

8:30 am – 12:30 pm  Course Timing

LNG Project Costs
• Cost Allocation of LNG Project
• Liquefaction Plant Costs
• Buyers and Sellers in the LNG Supply Chain

LNG Contracts and Project Development
• Integrated LNG Supply Chain
• Less Integrated LNG Supply Chains
• Project Finance
• Project Management
• Pre-Front End Engineering and Design (FEED)
• EPC Contracts

LNG Trade and Markets
• Global LNG Market Growth
• LNG Import and Export Markets
• Global LNG Mega Projects and Players
• New Players and Players

U.S. LNG Exports
• Key U.S. LNG Stakeholders
• LNG Pricing Mechanisms
• Examples of LNG Pricing Mechanisms

Purchasing LNG for Use in the U.S.
• Key Suppliers
• Typical Contracts
• Pricing Mechanisms
• Retail LNG Prices vs Other Fuels
INSTRUCTOR

Tom Russo
Principal, Russo on Energy LLC

Tom Russo is an Energy and Environmental expert with unique FERC regulatory skills in siting hydropower, natural gas and liquefied natural gas infrastructure, NEPA environmental impact assessment and in how energy markets, prices and physical/cybersecurity affect infrastructure investments.


He is very active in hydropower and natural gas matters and writes an Energy and Environmental column for the Natural Gas and Electricity Journal. He also co-authored for the R Street Institute entitled “Ebbing the flow of hydropower red tape.”

Mr. Russo is a native of Brooklyn, New York. He earned a credential as a Certified Information Systems Security Professional (CISSP) in 2010. He also graduated with a MBA in Finance from the George Washington University and a MS in Biology from the University of Alabama.
REQUIREMENTS FOR SUCCESSFUL COMPLETION OF PROGRAM

Participants must sign in/out each day and be in attendance for the entirety of the course to be eligible for continuing education credit.

INSTRUCTIONAL METHODS

This course will use slide presentation, group discussions, as well as active participation. Attendees will have sample opportunities to actively participate in review questions/answers sessions, group breakout sessions, and simulations/demonstrations offered as part of this course.

PROCEEDINGS

The proceedings of the course will be published, and one copy will be distributed to each registrant at the course.

EVENT LOCATION

A room block has been reserved at the InterContinental New Orleans, 444 St Charles Ave, New Orleans, LA 70130 for the nights of October 6-7, 2019. Room rate is $159 plus applicable tax. Call 1-504-525-5566 for reservations and mention the EUCI event to get the group rate. The cutoff date to receive the group rate is September 6, 2019 but as there are a limited number of rooms available at this rate, the room block may close sooner. Please make your reservations early.

IACET CREDITS

EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 1.1 CEUs for the course.

REGISTER 3, SEND THE 4TH FREE

Any organization wishing to send multiple attendees to this course may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.
REGISTRATION INFORMATION

Mail Directly To:
EUCI
4601 DTC Blvd., Ste. 800
Denver, CO 80237
OR, scan and email to: conferences@euci.com

WWW.EUCI.COM | p: 303-770-8800 | f: 303-741-0849

PLEASE REGISTER

INTRODUCTION TO THE LIQUEFIED NATURAL GAS INDUSTRY: INFRASTRUCTURE, REGULATION AND MARKETS COURSE
October 7-8, 2019: US $1395,
Early bird on or before September 20, 2019: US $1195

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ENERGIZE WEEKLY

Energize Weekly is EUCI’s free weekly newsletter, delivered to your inbox every Wednesday. We provide you with the latest industry news as well as in-depth analysis from our own team of experts. Subscribers also receive free downloadable presentations from our past events.

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How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

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Job Title

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What name do you prefer on your name badge?

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State/Province

Zip/Postal Code

Country

Phone

Email

List any dietary or accessibility needs here

CREDIT CARD INFORMATION

Name on Card

Billing Address

Account Number

Billing City

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

 Billing Zip Code/Postal Code

OR Enclosed is a check for $ to cover registrations.

Substitutions & Cancellations
Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before September 6, 2019 in order to be refunded and will be subject to a US $195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI’s liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at 303-770-8800.
EUCI reserves the right to alter this program without prior notice.