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

May 14-15, 2020
Online | Central Time (CT)

“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

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

This 1.5-day online 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 online 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

REGISTER TODAY! CALL 303-770-8800 OR VISIT WWW.EUCI.COM
AGENDA

THURSDAY, MAY 14, 2020 - CENTRAL TIME

9:00 – 9:15 am  Log In

9:15 am – 4:30 pm  Course Timing

12:30 – 1:15 pm  Lunch Break

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

FRIDAY, MAY 15, 2020 - CENTRAL TIME

9:00 – 9:15 am  Log In

9:15 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.
INSTRUCTIONAL METHODS

This online 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 online course.

ONLINE COURSE DELIVERY & PARTICIPATION DETAILS

We will be using Microsoft Teams to facilitate your participation in the upcoming event. You do not need to have an existing Teams account in order to participate in the broadcast – the online course will play in your browser and you will have the option of using a microphone to speak with the room and ask questions, or type any questions in via the chat window and our on-site representative will relay your question to the instructor.

- You will receive a meeting invitation which will include a link to join the meeting.
- Separate meeting invitations will be sent for the morning and afternoon sessions of the online course.
  - You will need to join the appropriate meeting at the appropriate time.
- If you are using a microphone, please ensure that it is muted until such time as you need to ask a question.
- The remote meeting connection will be open approximately 30 minutes before the start of the online course. We encourage you to connect as early as possible in case you experience any unforeseen problems.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

You must be logged in for the entire presentation and send in the evaluation after the online course is completed.

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.

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REGISTRATION INFORMATION

Mail Directly To:
EUCI
6400 S Fiddlers Green Cir., Suite 1620
Greenwood Village, CO 80111
OR, scan and email to: conferences@euci.com

INTRODUCTION TO THE LIQUEFIED NATURAL GAS INDUSTRY: INFRASTRUCTURE, REGULATION AND MARKETS ONLINE COURSE
May 14-15, 2020: US $1195 (Single Connection)
PACK OF 5 CONNECTIONS: US $5,375
PACK OF 10 CONNECTIONS: US $8,965
For volume discounts call +1.303.770.8800 for quote
* all other discounts do not apply to license packs

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

Print Name

Job Title

Company

Address

City

State/Province

Zip/Postal Code

Country

Phone

Email

CREDIT CARD INFORMATION

Name on Card

Account Number

Exp. Date

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

Billing Address

Billing City

Billing State

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 April 10, 2020 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 online 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.

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.

Online course Delivery & Participation Details
See page 6 for information