U.S.- CARIBBEAN PARTNERSHIP TO ADDRESS THE CLIMATE CRISIS 2030 (PACC 2030)

AND

CAREC
CARILEC Resilient Energy Community

(CAREC) Community of Practice (CoP) for Resilient Energy Regulation Workshop Series:

Power System Investment Cost-Benefit Analysis (CBA) Virtual Training

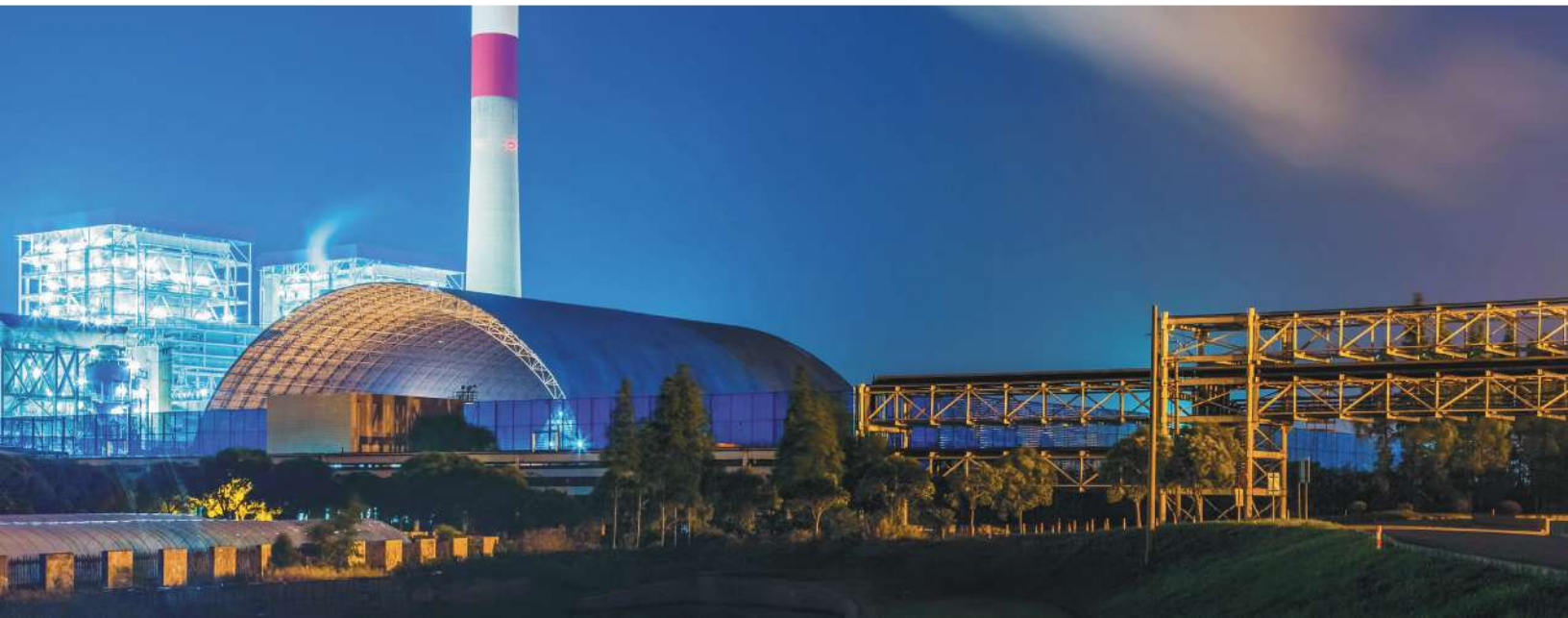
Monday 12 - Wednesday 14 February, 2024

CARILEC
An Association Of Electric Energy Solution Providers

pacc2030
U.S.-Caribbean Partnership to Address the Climate Crisis 2030

Deloitte.

INSIDE ☑ Overview ☑ Agenda ☑ Speakers



OVERVIEW

With PACC 2030 support from the U.S. Department of State's Power Sector Program, this 3-day virtual training will provide a comprehensive overview of CBA, with a focus on variable renewable energy (VRE), grid modernization, and practical applications to real-world scenarios. The training will help utilities and regulators utilize CBAs to inform investment-level decisions and/or policy decisions and help determine how to prioritize different technologies and policy choices based on CBAs and in a resource-constrained environment. Participants will gain hands-on experience through exercises and case studies, with a specific emphasis on the Caribbean context.

CLICK TO REGISTER

Contact Info Tel: (758) 731-7111 | Email: events@carilec.org | Website: www.carilec.org
P.O. Box 5907 | Desir Avenue | Sans Souci | Castries | St. Lucia, West Indies

#carilecpower #carec #resilientenergy

TRAINING AGENDA

DAY 1: FEBRUARY 12, 2024 | 9 AM - 12 PM (EST)

UNDERSTANDING THE BASICS OF CBA AND ITS TYPES

TOPIC	DURATION	TIME
Welcome and Introductions	**15 minutes**	**09:00 – 09:15**
Introduction to CBA	30 minutes	09:15 – 09:45
Conducting a CBA	60 minutes	09:45 – 10:45
Break	15 minutes	10:45 – 11:00
CBA Investment Criteria	40 minutes	11:00 – 11:40
Practical Exercise – Applying basic CBA concepts	15 minutes	11:40 – 11:55
Day 1 Q&A and Closing	**5 minutes**	**11:55 – 12:00**

DAY 2: FEBRUARY 13, 2024 | 9 AM - 12 PM (EST)

VRE AND GRID INVESTMENT CBA CONSIDERATIONS AND APPLICATIONS

TOPIC	DURATION	TIME
Welcome Back	**5 minutes**	**09:00 – 09:05**
CBAs in the Energy Sector & Cost Effectiveness Tests	45 minutes	9:05 – 9:50
Important Concepts for Energy-Specific CBAs	45 minutes	9:50 – 10:35
BREAK	**15 minutes**	**10:35 – 10:50**
Power System CBA Applications • Discussion of real-world examples • Lessons learned and best practices from successful VRE implementations. • Interactive Group Activity: Scenario Analysis	60 minutes	10:50 – 11:50
Day 2 Q&A and Closing	**10 minutes**	**11:50 – 12:00**

CLICK TO REGISTER

Contact Info Tel: (758) 731-7111 | Email: events@carilec.org | Website: www.carilec.org
P.O. Box 5907 | Desir Avenue | Sans Souci | Castries | St. Lucia, West Indies

TRAINING AGENDA...cont.

DAY 3: FEBRUARY 14, 2024 | 9 AM - 12 PM (EST)

COMMUNICATION AND EXAMPLE CBA CALCULATION

TOPIC	DURATION	TIME
Welcome Back	**5 minutes**	**9:00 – 9:05**
Utilizing CBA Results	55 minutes	9:05 – 10:00
Break	**15 minutes**	**10:00 – 10:15**
CBA Calculation Guided Exercise	75 minutes	10:15 – 11:30
Q&A Session	20 minutes	11:30 – 11:50
Day 3 Summary and Closing Remarks	**10 minutes**	**11:50 – 12:00**

SPEAKERS

ADRIAN ROUSE

Clean Power Program Team Lead

Mr. Rouse has 25 years of experience in the power industry. At Deloitte he has led teams that have helped ministries, utilities, and regulators make the policy, planning, operational, and infrastructural changes necessary to deploy, scale, and optimize renewable energy technologies. Prior to Deloitte, Adrian was a Director at Siemens Digital Grid, serving some of the largest U.S. utilities in areas such as strategy, planning, and grid modernization.

JOHN GARVEY

Regulatory Specialist

Mr. Garvey is an energy reform specialist at Deloitte with over 25 years of experience in the regulation and operation of renewable and traditional energy markets. He is a former senior-level energy regulator in New York with expertise in renewable and traditional energy procurement, energy pricing, wholesale and retail market design, and utility restructuring.

MAYA PRICA, PH.D.

RE and Distributed Generation Expert

Dr. Prica received her Ph.D. degree in Electrical and Computer Engineering (with focus on power system engineering) from Carnegie Mellon University. She received a Master of Science and Bachelor of Science in Electrical Engineering from University of Novi Sad, Republic of Serbia. Maya's focus is on the integration of distributed energy resources and RE technologies and their impact on transmission and distribution systems planning and operations.

CLICK TO REGISTER

Contact Info Tel: (758) 731-7111 | Email: events@carilec.org | Website: www.carilec.org

P.O. Box 5907 | Desir Avenue | Sans Souci | Castries | St. Lucia, West Indies