

Overarching Theme:

Reflecting on 30 Years of Service: Envisioning a Sustainable Future



Engineering & Procurement Conference & Exhibition



Partnering for Sustainable Energy Solutions, Innovation and Resilience

CALL FOR PRESENTATIONS & PAPERS

Professionals and practitioners are invited to submit abstracts of approximately 100 words with titles, for preliminary consideration, as presentations for CARILEC 2019 Engineering & Procurement Conference and paper for the CARILEC Industry Magazine.

Presenters Guidelines

1. All completed Abstract Submissions Forms must be submitted by **April 19th 2019**.
2. Selected presenters will be informed by **May 3rd, 2019**.
3. Subsequent to notification, a full presentation must be submitted, including:
 - Option 1** - Power Point slides, for an approximate 35-60 minutes presentation/ working session (inclusive of 15 minutes Q & A)
 - Option 2** - Power Point slides, for an approximate 20 - 35 minutes presentation (inclusive of 5 - 10 minutes Q & A)
 - Option 3** - Power Point slides, for an approximate 15-20 minutes presentation (inclusive of 5 minutes Q & A)

*** A Written Paper (Optional) to be considered for publication in the CARILEC's Industry Journal.**

Send all Submissions to: Marketing and Member Services Department, at conferences@carilec.org (Early Submissions are highly encouraged). Receipt of your submission will be acknowledged **WITHIN 24HOURS**.

General: Presentations presented at CARILEC Conferences are selected by a selection committee. The number of proposals accepted for a conference depends on program size (the number of sessions), technical coverage (the topics to be covered), focused on the subtopics and the number and quality of presentations. The selection committee identifies the best contributions for the agenda.

Awards

Presenters will:

1. Have an opportunity to be published in CARILEC Magazine as well as CARILEC supported publications;
2. Secure special or VIP conference privileges;
3. Receive a presenter gift.
4. Your bio, photo and company name will be published on the CARILEC website and in the **New** Event App.

Criteria for Selection: Your abstract should demonstrate clearly that your presentation:

1. Will be of interest particularly to the target audience of the conference;
2. Will present information that is theoretically sound and accurate;
3. Will present new knowledge or experience, the substance of which has not been previously presented at a CARILEC conference (unless otherwise advised);
4. Will not be commercial in nature and will not promote specific companies, products or services.

Presentation Topics

Topics of interest to the CARILEC Conference audience must incorporate the theme of the conference and focus on sub-topics listed below:

Panel Discussion – *Partnering for Sustainable Energy Solutions, Innovation and Resilience*

TRANSMISSION & DISTRIBUTION

- T & D system expansion planning and design methodologies
- T & D asset management - modern approaches
- T & D system construction, maintenance & operation best practices
- T & D system innovation strategies and technologies
- T & D system performance issues and solutions
- HVDC transmission systems
- Building resilience in the T& D system - Challenges and Opportunities
- Best practices in network reconstruction after a disaster
- Modern solutions to mitigate electricity grid losses
- Modern substation design, construction and operation
- Grid analytics
- IPPs Grid access issues

PROCUREMENT TOPICS

- The power sector procurement landscape: challenges and opportunities
- Procurement models & best practices
- Public-private partnerships (PPPs)
- Procurement law for construction and engineering
- Procurement management and optimization
- Procurement value creation
- Procurement methods and processes
- Next generation procurement excellence and innovation
- Creating a sustainable supply chain in the power sector
- Corporate procurement
- Procurement analytics
- Joint purchasing/purchasing pools: relevance and value to the utility industry
- Strategic sourcing and supplier relationship management
- Electronic procurement techniques and instruments
- Supplier risk management
- Sustainable energy procurement
- Cost optimization
- Innovations in PPAs
- Best practice PPAs

GENERATION TOPICS

- Diversifying the generation mix - opportunities and challenges
- Modern generation expansion planning
- Heat rate improvement & optimization
- Power plant performance issues and solutions
- Plant emissions control and retrofits
- The digital power plant
- Power plant decommissioning strategies
- Impacts of IPPs on the power sector
- IPPs Opportunities and challenges

GENERAL TOPICS

- Creating sustainable energy solutions – opportunities and challenges for the power sector
- Regional power systems interconnection – what are the possibilities?
- Engineering the power system of the future – key considerations
- Developing resilient sustainable power infrastructure in the Caribbean – what are the realities?
- Leveraging technology and knowledge transfer for modernising the electric utility
- Collaborative analytics for smarter engineering and construction decisions
- Modern power system operation and maintenance approaches
- Innovative solutions to mitigate non-technical losses
- Advanced engineering analysis & system modeling tools for the power utility
- Engineering management best practices
- Integrated resource plan (IRP)- opportunities for incorporating resilience
- Models for integrating IPPs to the Grid
- Criteria for integrating IPPs into the electricity market

NB: Presenters will be responsible for all travel arrangements, presenter registration fees and expenses incurred, unless otherwise stated by CARILEC.

Full Disclosure: Third Party Compensation-All instructors and presenters are required to disclose proprietary interest in any product, instrument, device, service, or material discussed in the experience, event, or program, as well as the source of any compensation related to the presentation.

Please email conference@carilec.org for extensions for white paper submissions for the Annual Journal.

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