

15th - 19th September, 2019
Miami

Rethinking Resilience in an Era of Disruption

CALL FOR PRESENTATIONS & PAPERS

Overarching Theme:

“Reflecting on 30 Years of Service: Re-envisioning a Sustainable Future”

Conference Theme

Rethinking Resilience in an Era of Disruption

Conference Date: September 15-19th 2019 (15th - Opening Ceremony and 19th Workshop)

Venue: Miami

Professionals and practitioners are invited to submit abstracts of approximately 100 words with titles, for preliminary consideration, as presentations and paper for the CARILEC Industry Journal.

Presenters Guidelines

1. All completed Abstract Submissions Forms must be submitted on or before **June 28th, 2019**.
2. Selected presenters will be informed on or before **July 12th, 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 conference@carilec.org (Early Submissions are highly encouraged). Receipt of your submission will be acknowledged **WITHIN 48HOURS**.

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 Journals as well as CARILEC supported publications;
2. Secure special or VIP conference privileges;
3. Receive a presenter gift. **New!**
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.

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.

Presentation Topics

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

PANEL DISCUSSION

Theme: Rethinking Resilience in an Era of Disruption

REVISITING ELECTRICITY GRID RESILIENCE

- The role of renewable energy technologies in grid resilience
- The resilience of solar PV and wind energy systems
- The role of smartgrids and renewable energy microgrids in grid resilience
- The role and benefits of drones(UAVs) in utility disaster restoration
- The role of geothermal energy deployment in regional energy cooperation and integration (RECI)
- The role of electric mobility in grid resilience
- The role of grid analytics in electricity grid resilience
- Smart grid cybersecurity strategies and capabilities
- Deploying resilient-sustainable energy infrastructure (RSI) solutions
- Financing grid resilience: challenges and opportunities
- Measuring grid resilience: pragmatic key performance indicators

BUSINESS MODELS, POLICIES, LEGISLATION AND REGULATIONS

- Legislative, policy and regulatory frameworks for energy resilience
- Enabling the deployment of renewable energy, energy efficiency and smart-grid solutions,
- Enabling the deployment of energy storage and vehicle -to- grid solutions
- Renewable energy and energy efficiency business models
- Smart grid business models
- Energy storage business models
- Electric Vehicle grid integration business models

PLANNING

- Renewable energy and smart grid planning frameworks
- Integrated Resource and Resilience Plan (IRRP)
- Mainstreaming disaster risk considerations into energy planning
- Utility Climate risk analysis and adaptation planning
- Smart electric mobility planning
- Modern power system planning tools: A comparative Analysis

RENEWABLE ENERGY & ENERGY EFFICIENCY PROJECTS

- Renewable energy project deployment: challenges, lessons learned & opportunities
- Energy efficiency project deployment: challenges, lessons learned & opportunities
- Geothermal Energy development in the Caribbean: challenges, lessons learned & opportunities
- Marine Energy Development: challenges & opportunities
- Renewable non-wires alternatives: opportunities and challenges
- Renewable energy & energy efficiency case studies

SMART GRID AND ELECTRIC MOBILITY

- Smart grid deployment: challenges, lessons learned & opportunities
- Smart Grid Innovations
- The Smart Grid Maturity Model (SGMM)
- Smart Grid Investment Models
- EVs grid integration strategies
- Vehicle-to-grid (V2G) systems and the Smart Grid
- Smart grid case studies

ENERGY STORAGE

- Energy storage projects in the Caribbean energy
- Pumped storage as an energy storage solution
- Utility-scale energy storage case studies
- Behind-the-meter energy storage systems
- Energy storage integration challenges
- Financing energy storage solutions
- Energy storage case studies

PROCUREMENT & FINANCING

- Renewable energy projects financing: opportunities and challenges
- Renewable energy Power Purchase Agreement (PPA)
- Crowd funding
- Financing physical grid resilience solutions
- De-risking RE Investments
- Smart grid project financing
- Methodologies for cost-benefit of resilience

GENERAL TOPICS

- Business continuity planning
- Strengthening collaboration for energy resilience
- Resilience to energy price shocks
- Research, Development & Innovation
- Centres of Excellence and Energy Communities

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

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