



RENEWABLE ENERGY & SMART GRID CONFERENCE & TRADE SHOW

Theme: Remodeling the Future: Stronger. Greener. Smarter

29 - 30 SEPTEMBER, 2021
A VIRTUAL EXPERIENCE!

THEME SYNOPSIS

While most can agree that the world has changed dramatically during 2020, one stark fact remains unchanged: the Caribbean region is not on course to achieve its goals for limiting the impact of climate change. The COVID-19 pandemic has inadvertently tested the resilience and endurance of the energy sector, on an unprecedented scale. Although the full impact of the pandemic is not yet conceivable and remains to be evaluated, significant changes in customer solvency and consumption profiles have already been observed.

One of the biggest challenges which energy-suppliers in the Caribbean currently face amid the pandemic, is attaining financial liquidity. With the shutdown of relevant sectors in the region, such as the tourist industry, customer solvency has gone down, new sales have decreased, access to capital is either slowed or reduced. Consequently, utilities and energy companies are experiencing difficulty in maintaining energy infrastructures and further expanding the ongoing efforts to enable energy transition. Additionally, the natural constraint of comparatively small energy markets is limiting the options for energy utilities to invest into capital-intensive technologies, that could lead to reduced generation costs and more resilient energy systems in the long-term.

Nonetheless, solutions and alternatives do exist.

Renewable Energy and Smart Grid Infrastructure and Management are key success factors to ensure an affordable, resilient, and clean energy supply on a long-term basis in the region, thus helping to overcome the economic crisis caused by the pandemic. Additionally, a new system in which the region generates its own energy supply, thereby adapting its energy demand to the availability of renewable energy supply, can create hundreds of new jobs.

In recent years, a global effort has been made to develop innovative technological solutions, effective policy measures and new economic approaches to convert renewable energy into a competitive and reliable source for electricity generation and supply. In addition, the Caribbean region possesses a large, unlocked potential of renewable energy sources. The remaining challenge on the ground currently consists of finding and designing tailored solutions and mechanisms for smart grid management and operation that permit necessary high penetration of renewable energies into our energy systems. It is essential that this is implemented without compromising the security of the energy supply and overall energy affordability. Such a commitment is indeed realistic and feasible as stakeholders now have access to a broad range of innovative tools, technologies and best-practices that have already been successfully tested in different energy networks around the world.

The strengthening of strategic alliances and cooperation among sector and non-sector stakeholders, acceleration of the digitisation of processes and the active participation of citizens and customers are key success factors which will significantly contribute to fast-tracking the energy transition, increasing the percentage of clean and renewable energy in our power systems, and ultimately overcoming the COVID-19 pandemic and its repercussions.

All interested persons are invited to submit abstracts of approximately 100 words with titles, for preliminary consideration, as presentations for CARILEC 2021 Renewable Energy & Smart Grid & Trade Show Conference and Articles for the [CARILEC CE Industry Journal](#).

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 – Remodeling the Future: Stronger. Greener. Smarter

Key Topics (with a focus on best practices, lessons learnt and successful models for replication in the region)

- **Energy transition** – how to overcome existing barriers and accelerate RE expansion in the region?
- **Strengthening island grids** – suitable storage technologies and options for grid expansion to increase the resiliency of Caribbean electricity grids
- **Grid management and regulation** – requirements and recommendations to ensure security of supply during the ongoing RE expansion in Caribbean energy systems
- **Energy affordability** – how to ensure a cost-efficient RE expansion under Caribbean framework conditions?
- **Any other presentations that are synergistic to the event theme.**

Utility Case Studies: Presentations on experiences and practices which are relevant to the Region and the Conference theme.

Presenters Guidelines

1. All completed Abstract Submissions Forms must be submitted by **July 12th, 2021**.
2. Selected presenters will be informed by **July 19th, 2021**.
3. Subsequent to notification, a full presentation must be submitted based on the selection committee's allotted time for your presentation:
 - Option 1** - Power Point slides, for an approximate 35–60-minute 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-minute presentation (inclusive of 5 minutes Q & A)

* A Written Article (Optional) to be considered for publication in the CARILEC's CE Industry Journal. For more information on the Journal email caribbeanelectric@carilec.org

Please send all Submissions to: Marketing and Member Services Department, at events@carilec.org (Early Submissions are highly encouraged). Receipt of your submission will be acknowledged within two-days.

General: Presentations at CARILEC Conferences are selected by a selection committee. The number of presentations 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 CE Industry Journal](#).
2. Have their bio, photo and company name published on the CARILEC website and in the Event App.
3. Present to over 20 Caribbean Regional Utility CEOs and Energy Experts and audience of over 200 delegates

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

1. Will focus on the specified theme and general topics;
2. Will be of interest particularly to the target audience of the conference;
3. Will present information that is theoretically sound and accurate;
4. Will present new knowledge or experience, the substance of which has not been previously presented at a CARILEC conference (unless otherwise advised);
5. 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.

[CLICK TO ACCESS ABSTRACT SUBMISSION AND AUTHORIZATION TO PUBLISH FORM](#)

***Only signed forms will be accepted.**