



**Abstracts Due: March 15, 2019**

NYSERDA is seeking abstracts from potential featured speakers at the On-Site Resilient Power Conference. To learn more and determine if you should apply, please review the detailed information below.

***The Conference:***

**Thursday, June 27, 2019  
Marriott Brooklyn Bridge**

**Who should attend:** Suppliers of solar, storage, CHP, fuel cells; service providers of microgrid control systems/analytics; energy services companies that offer turnkey “energy as a service” solutions; and consultants who advise clients regarding optimized resiliency solutions.

**Why this is timely:** A significant gap exists in the market for offering resilient solutions to buildings where Solar+Storage is foundational, but by itself insufficient. In these cases, Solar+Storage must be supplemented with dispatchable distributed energy resources (such as fuel cells or clean and highly-efficient combined heat and power - collectively CHP). Customers with single buildings or building campuses are seeking resilient local generation solutions in the range of approximately 50-kilowatts to multimewatts. Some market actors are already positioning themselves to be first-movers and capitalize on this opportunity. NYSERDA is exploring the option of underwriting the learning curve associated with formation of teams and initial roll-out of replicable Solar+Storage+CHP configurations.

**What attendees will learn:** Trends that are driving new opportunities to meet customer demand for on-site resilient power; the role that microgrid energy management system controls play in stitching-together Solar+Storage+CHP into holistic systems; and networking opportunities to seek partners for aggregating into teams that can deliver integrated solutions.

**Format:** Featured speakers will include companies that embrace supervisory controls/analytics as a core business focus and have commercially mature software platforms that provide analytical services and visualization for customers (i.e., dashboards). Akin to the maestro of an orchestra, an expert supervisory controller is essential to harmonize and optimize the dispatch of these components during good days when the system runs in parallel with the grid, as well as during bad days when the site is forced to run in island mode. Speaker presentations will highlight real project case studies and showcase the capabilities of their company.

### ***Call for Abstracts:***

Candidates for featured speakers should be businesses that specialize in and preferably cover the full gamut (either by themselves or via well-established teaming) of “pre-analytics, post-analytics, and dispatch” for hybrid or integrated distributed energy resources. Ideal candidates should embrace this as a core business, have commercially mature software platforms that they use to provide analytical services, controls, and visualization for customers (i.e., dashboards), and be compatible with various brands of microgrid controller equipment.

The Agenda can accommodate six (6) featured speakers, who will each be allotted 30 minutes of podium time to consist of:

- 10-minutes for PowerPoint presentation of company profile (description of services and products offered, extensiveness of customer base, etc.)
- 10-minutes for PowerPoint presentation of case study of actual project(s) where your software/services have been employed to (a) conduct analytics to pinpoint the best combination of distributed energy resources to integrate relative to a particular customer’s load, consisting specifically of Solar+Storage paired with either CHP or fuel cells (three technologies in total), (b) conduct analytics that determine the optimum moment-by-moment set-point for each piece of equipment as part of a holistic strategy, and (c) supervisory control equipment that optimizes the dispatch of each element with every other element to best meet the needs of the customer
- 10-minutes of question & answer with audience

Abstract submittals should demonstrate that your presentation will encourage audience members (e.g., vendors of solar, vendors of storage, vendors of CHP, vendors of fuel cells, and

consultants that advise client owners of buildings) to proactively approach your company for possible teaming opportunities and a business-to-business relationship, and identify what percentage of your business is dedicated to distributed energy resources. Demonstration of experience/footprint capability in the northeast United States would be a plus.

**Selection of Speakers:** Each person submitting an Abstract will be notified approximately 30 days following the Abstract due date. Those selected to give a presentation will be furnished with a template for presentation slides.

Each speaker selected to give a presentation will receive a free booth. The speaker will receive complimentary registration, and their company will receive one additional complimentary registration and complimentary placement of a 1/4-page ad in the program brochure.

**Abstract Limit:** 750 words. The inclusion of links to pertinent pages on your Website, specifically accompanying and emphasizing statements in your Abstract, will be more informative than merely providing the link to your homepage (please place links in endnotes, links will not be counted against the 750-word limit).

**Abstract Due Date:** March 15, 2019

**Abstract Submission:** Please send as a PDF attached to an email to [OnSitePower@nyserda.ny.gov](mailto:OnSitePower@nyserda.ny.gov).

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#### About NYSERDA

NYSERDA, a public benefit corporation, offers objective information and analysis, innovative programs, technical expertise, and support to help New Yorkers increase energy efficiency, save money, use renewable energy, and reduce reliance on fossil fuels. NYSERDA professionals work to protect the environment and create clean energy jobs. NYSERDA has been developing partnerships to advance innovative energy solutions in New York State since 1975. To learn more about NYSERDA's programs, visit [nyserda.ny.gov](http://nyserda.ny.gov) or follow us on [Twitter](#), [Facebook](#), [YouTube](#), or [Instagram](#).

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