



## HASC/SCE Hospital Microgrid Webinar

**When:**

Tuesday, October 5, 2021  
9 - 10:30 a.m.

**Where:**

Zoom Webinar

**Contact:**

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**Cost:**

A complimentary, HASC  
members-only webinar

**Sponsored by:**

Hospital Association of  
Southern California,  
Southern California  
Edison

### Description

Electric power reliability is the No. 1 reason customers install microgrids. Public Safety Power Shutoff (PSPS) events were rare in the past, but with the fire season now nearly year-round, it is a good time to think about the future in terms of reliability. Microgrids help to advance energy systems by providing an array of grid-enhancing services for resiliency, flexibility and savings, with clean renewable energy. Southern California Edison (SCE) and HASC are working together to provide support and awareness to hospitals considering microgrids. This workshop is designed to provide information to hospital administrators on the future of microgrids and to foster an interactive discussion. The course will address the issue of aging diesel generators and the potential to use new, renewable sources in the future. Data will be shared regarding qualitative and quantitative benefits of microgrid.

### Objectives

1. Provide a detailed overview of what a microgrid is.
2. Furnish microgrid resources and information.
3. Explain the benefits and barriers of installing a microgrid (including cost, reliability and environmental issues).
4. Identify other types of power supply generation.

### Who Should Attend?

Hospital COOs, CFOs, engineers and anyone interested in energy issues.

## Speakers



**Russell J. Lieu, P.E.**, Southern California Edison

Russ Lieu is senior project manager in Southern California Edison’s Business Customer Division. He is a specialist in customer generation and microgrids, and provides technical support and economic consultations to business customers that are considering alternate forms of generation, including solar, fuel cells, cogeneration, and energy storage.

Lieu earned a bachelor’s degree in electrical engineering from the UCLA, and an MBA from the University of Southern California.



**Joshua Taylor, P.E., CEM**, Portfolio Energy Manager at JLL, Adventist Health Account

Joshua Taylor is the current portfolio energy manager for the Adventist Health account, serving 23 hospitals on the West Coast and Hawaii. His primary focus is to reduce overall energy consumption of the portfolio through the engagement of energy-efficiency and alternative energy projects.

Taylor earned a bachelor’s degree in mechanical engineering, thermal fluids from San Jose State University.

## What is a microgrid?

Microgrids are self-contained electric grids that can provide round-the-clock energy for a limited time and can operate both while tied to the larger grid and while separated (“islanded”) from it. They provide reliable power during public safety power shutoffs.

Microgrids serve customers or groups of customers in a limited geographical area. The utility manages elements of the microgrid, including one or more sources of generation.

[Read more here](#) at SCE’s microgrid webpage.