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## Considerations When Upgrading Emergency Power and Distribution Systems for Safety and Reliability

Webinar #031418-IA

### DATE AND TIME

March 14, 2018

10:00 - 11:00 a.m. CT

### OVERVIEW

Many existing health care facilities contain electrical power systems and electrical power supply systems that were installed prior to modern requirements for installation, reliability, design and location. With the adoption by Centers for Medicare & Medicaid Service (CMS) of 2012 National Fire Protection Association (NFPA) 101 and 99, adoption of referenced NFPA sections requires review by facilities. This presentation will cover key components of these sections and what facilities personnel should consider when upgrading their systems. Concepts to be reviewed include facility design, testing and upgrade challenges.

### TARGET AUDIENCE

Healthcare engineers and facility management.

### OBJECTIVES

1. Summarize emergency power system requirements adopted by CMS.
2. Identify generator testing requirements and strategies for system upgrades.
3. Recall ways to mitigate outage at their facility during construction.

### FACULTY

**Richard Vedvik, Senior Engineer**

IMEG - Rock Island, IL

Richard Vedvik, PE, is a senior electrical engineer and acoustics engineer for IMEG Corp. His background includes acoustical and electrical design experience on health care, education, commercial, government, athletic and performing arts projects. With his electrical engineering background, he applies his knowledge of architectural lighting design, electrical power distribution, emergency power system design and fire alarm system design to enhance his acoustics role on the design team. He collaborates with design teams to identify and isolate noise and vibration sources, determine optimal architectural acoustics finishes, design voice notification systems and provide acoustical testing. He also was named a 2015 40 Under 40 recipient for C-SE magazine, where he also serves on the editorial advisory board.

### PRICE

\$195 per connection for members.

\$390 per connection for non-members.

Note: The fee is for one phone line with unlimited participants. For example, 10 employees can participate for only \$19.50 ea!

**For more  
information  
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