

## **NM SMART Grid Center Webinar Series**

### **Networked & Nested Grid-Tied Microgrids**

Gary Oppedahl, Emera Technologies

Date of Webinar: Friday, October 25

Time: Noon – 1:00 PM MT

#### **Abstract**

Emera Technologies is currently pursuing multiple demonstration projects of DC microgrids, two of which are in Albuquerque, New Mexico. The first, at Kirtland Airforce Base, networks six duplex buildings, a community center, and a Sandia National Laboratories facility with renewable generation, battery storage, power electronics and controllers at each building. The project is part of a cooperative research and development agreement between Emera Technologies and Sandia National Laboratories and will ultimately test resilience and sustainability of networked DC microgrids. Oppedahl will speak to the motivation for these projects, the benefits of DC microgrid architecture, future plans for deployment, and possible collaboration opportunities.

#### **Speaker Bio**



Gary Oppedahl has over thirty years of entrepreneurial leadership and technical management experience focusing on startups, transitions, turnarounds and acquisitions to include technical semiconductor and laser companies, health care and city government. An EE by degree, he is a serial entrepreneur who has started several companies in Albuquerque and Silicon Valley. He has been married for 35 years and has three children and nine grandchildren.

Gary is currently the Vice President of Emerging Technologies with Emera, a \$25 Billion Energy company, where he gets to help set the future direction of energy generation, distribution, storage and use for North America. He set up an office in Albuquerque, New Mexico, and has received funding from Emera Corporate to form a skunkworks called Emera Technologies, LLC.

Gary is blessed with the opportunity to think about current and future trends and then drive organizations, people and resources to create the future.