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PALADIN MICROGRID BASICS COURSE (COURSE #MG-271)

About the Course:

Microgrid Basics is a first-of-its-kind class, providing students with an understanding of what microgrids are, their types and characteristics, why are they implemented, how are they operated, and what components are usually involved. This class will also provide a basic understanding of the economic and reliability benefits, and other qualitative and quantitative aspects of their value propositions. Speakers will tie back some of the modeling and design concepts from DesignBase 101 and introduce the deeper studies in Microgrid Advanced.

Total Course Length: 8 hours (1 days)

Why You Should Attend:

1. Understand basic concepts of microgrids
 2. Understand basic concepts of power systems analysis and the advantages and limitations of software modeling to support the analysis
 3. Understand the basic economics of a microgrid
 4. Model microgrid interconnection and operation
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Prerequisites:

- Students should have a basic knowledge of electrical circuits from physics, EE, or a work experience base
- Students should be familiar with the Windows operating system and the general operation of graphical user interfaces (GUI's) used to construct diagrams in office software

10805 Rancho Bernardo Road, Suite 270
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Agenda:

08:00 - 10:00 Microgrid Basics Training
10:00 - 10:30 Break
10:30 - 12:00 Microgrid Components Training
12:00 - 13:00 Lunch & Break
13:00 - 15:00 Economics of Microgrids Training
15:00 - 15:30 Case Studies
15:30 - 16:00 Break
16:00 - 17:00 Open Workshop

Upon completion of the course, participants will receive a Certificate of Completion.

Course Fees and Registration:

Please Contact Jadranka Bozinovska at Power Analytics to reserve your spot!

(Accommodation information will be provided at time of registration)

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Advanced Power Systems Course

Attn: Whitney Bennett

Penn State Center for Sustainability

310 Sackett Building

University Park, PA 16802

Paladin Microgrid Basics Course (Course #MG-271)

Training rates for 2013 classes are:

\$299 per student

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