

**Hosted by Gina Calvert and Chris Wall, Baltimore Gas and Electric**  
Instructor: Dr. Scott Coe, GridOptimize

PLMA Education Planning Group Co-Chairs: Mark Martinez, Southern California Edison and Christine Riker, Energy Solutions

Mentors: Richard Philip, Duke Energy and PLMA Thought Leadership Group Co-Chair; Paul Miles, PECO, PLMA Vice-Chair; Dave Hyland, Zen Ecosystems and PLMA Treasurer

April 8-10, 2018

<b>DAY 1: 12:00 noon - 5:00 PM</b>		
12:00 pm	1:00 pm	<i>Check in and lunch in the room</i>
<b>Welcome and Introductions</b>		
1:00 PM	1:30 PM	Welcome and Host Introductions: <i>Christine Riker, Education Planning Group Co-Chair with Chris Walls and Gina Calvert, BGE</i>
<b>Module 1: Market Fundamentals</b>		
1:30 PM	2:00 PM	Electricity Markets Fundamentals
2:00 PM	2:30 PM	Defining Demand Response
2:30 PM	3:00 PM	Defining Distributed Energy Resources
3:00 PM	3:15 PM	Quantifying Opportunities
3:15 PM	3:35 PM	<i>Break</i>
<b>Module 2: Economic Fundamentals</b>		
3:35 PM	4:20 PM	Electricity Market Economics
4:25 PM	4:45 PM	Process Modeling
4:45 PM	5:00 PM	Wrap-up Day 1, Q&A
<i>5:00 – 6:00 PM Unhosted Happy Hour</i>		

<b>DAY 2: 7:30 AM - 5:00 PM</b>		
7:30 AM	8:00 AM	<i>Light Breakfast</i>
<b>Module 3: Energy Markets</b>		
8:00 AM	8:25 AM	Energy Markets
8:25 AM	8:55 AM	Metering, Measurement & Verification
8:55 AM	9:10 AM	Energy Market Examples
9:10 AM	9:30 AM	Settlement Issues
9:30 AM	10:00 AM	<b>Activity: Entering the Energy Market</b>
10:00 AM	10:20 AM	<i>Break</i>
<b>Module 4: Emergency &amp; Capacity Markets</b>		
10:20 AM	10:40 AM	Emergency Programs
10:40 AM	11:20 AM	Capacity Markets
11:20 AM	11:30 AM	Capacity Market Examples
11:30 AM	12:00 PM	<b>Activity: Entering the Capacity Market</b>
12:00 PM	1:00 PM	<i>Lunch and Host Presentation by Gina Calvert, BGE</i>
<b>Module 5: Ancillary Services &amp; Price Response</b>		
1:00 PM	1:45 PM	Ancillary Service Markets
1:45 PM	2:15 PM	Price-Responsive Demand
2:15 PM	2:45 PM	<b>Activity: Entering the Ancillary Services Market</b>
2:45 PM	3:00 PM	<i>Break</i>
<b>Module 6: Storage &amp; Renewables</b>		
3:00 PM	3:20 PM	Regulatory Background
3:20 PM	3:40 PM	Renewables
3:40 PM	4:00 PM	Storage
4:00 PM	4:15 PM	Wholesale-Retail Overlap
4:15 PM	4:35 PM	Essential Reliability Services
4:35 PM	5:00 PM	Wrap-up Day 2, Q&A
<i>5:00 – 6:00 PM Unhosted Happy Hour</i>		

DAY 3: 8:30 AM - 1:00 PM (Later start)		
8:30 AM	9:00 AM	<i>Light Breakfast</i>
<b>Module 7: Retail Engagement</b>		
9:00 AM	9:50 AM	Retail Engagement
9:50 AM	10:00 AM	Parting Thoughts
10:00 AM	10:30 AM	<b>Activity: Wholesale or Retail Focus?</b>
<i>10:30 AM</i>	<i>10:45 AM</i>	<i>Break</i>
10:45 AM	11:15 AM	Exam
11:15 AM	11:30 AM	Exam review
11:30 AM	12:00 PM	<i>PLMA Member Roundtable</i>
12:00 PM	1:00 PM	<i>Lunch</i>