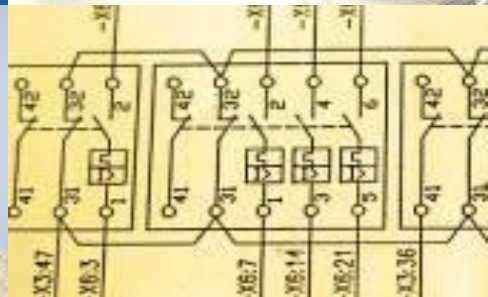
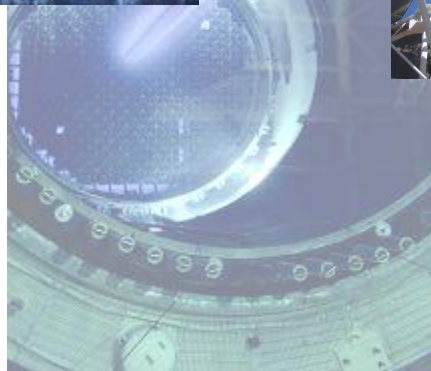
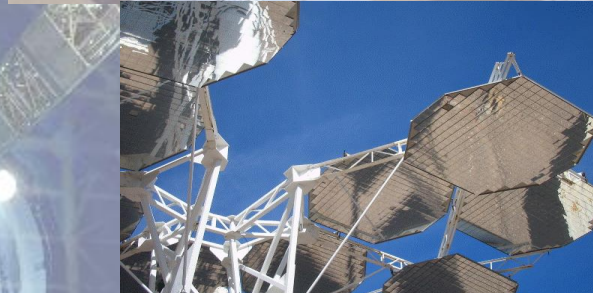


Energy Providers Coalition for Education Builds Smart Grid Training Curriculum for the Energy Industry

Jo Winger de Rondon
Vice President, CAEL

Kathy Thigpen
Senior Training Specialist, ComEd

Energy Providers Coalition for Education



EPCE
Video link here



The Energy Providers Coalition for Education (EPCE) develops, sponsors and promotes industry-driven, standardized, accredited quality online learning programs to meet the workforce needs of the energy industry and enables individuals to obtain the education they need to enter or advance into positions within this workforce.

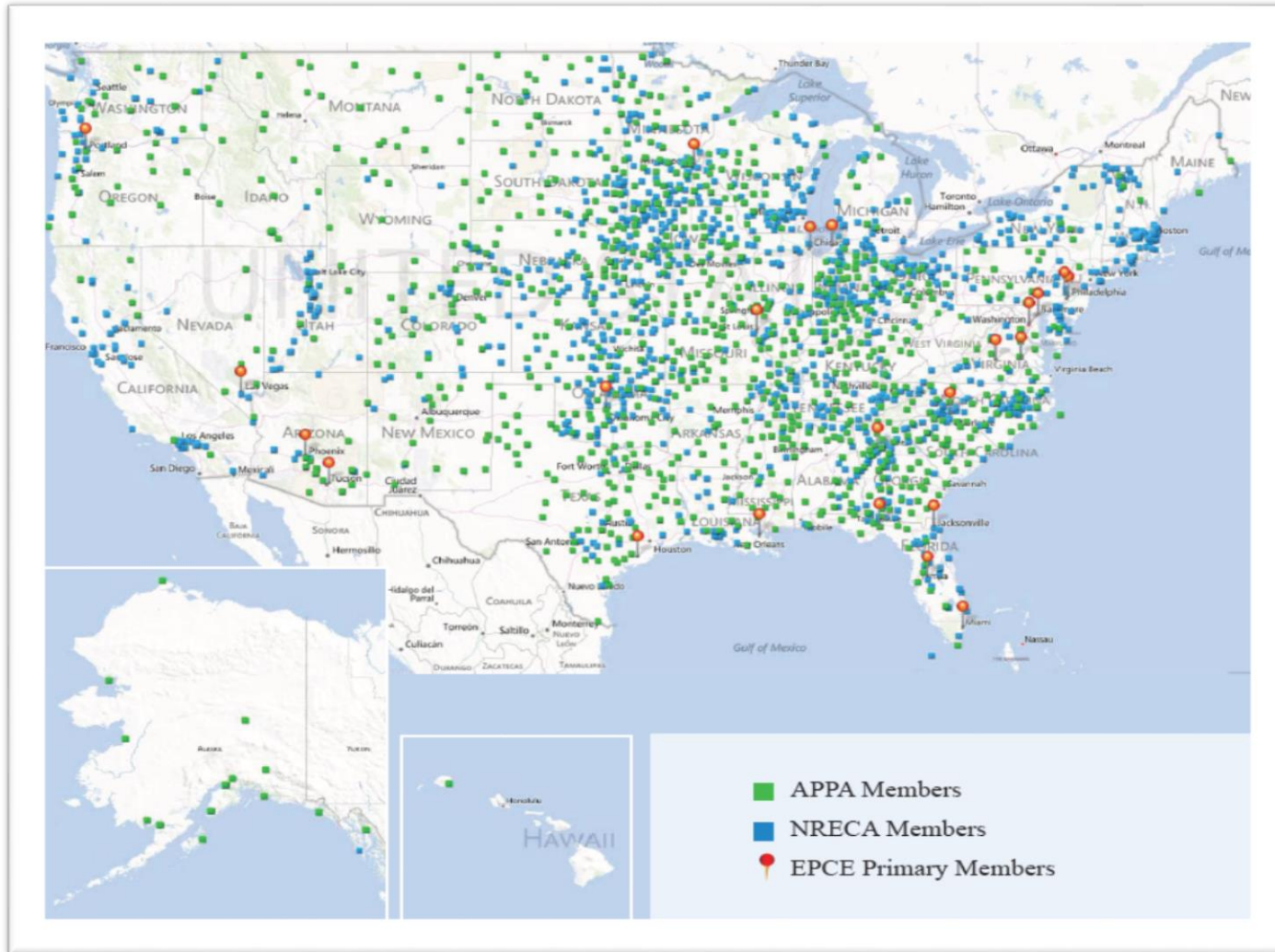
EPCE MEMBERS



EPCE PARTNERS

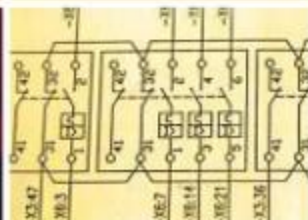


EPCE's National Membership



EPCE Education Pathways

Smart Grid Courses	Electric Power	Nuclear Power	Electrical Engineering	Electrical Engineering Technology	Career Connection Courses
<p>Renewable Energy & the Smart Grid at Bismarck State College</p>					<p>Orientation to the Electrical Industry at Bismarck State College</p>
<p>Smart Grid, Smart Customer at Bismarck State College</p>	<p>AAS in Electric Power Technology at Bismarck State College</p>	<p>AAS in Nuclear Power Technology at Bismarck State College</p>			<p>Industrial Aptitude test prep course at Bismarck State College</p>
<p>Operation Considerations for the Smart Grid at Bismarck State College</p>	<p>Apprenticeship Program Electric Power Technology at Bismarck State College</p>	<p>BS in Nuclear Engineering Technology at Excelsior College</p>	<p>BS in Electrical Engineering (BSEE) at Clamson University</p>	<p>BS in Electrical Engineering Technology at Excelsior College</p>	<p>Mathematics of Electricity - Careers in Electric Power at Virtual High School</p>
<p>Impact of the Smart Grid at Bismarck State College</p>			<p>Graduate-level Programs in Power Systems at Worcester Polytechnic Institute</p>		<p>Renewable Energy Sources at Virtual High School</p>



Smart Grid Preparation



Incumbents

- A glimpse into 'what's possible'
- Connects Now to the Future Grid
- Gives employees a start toward a future Smart Grid Career Path

New Hires

- Standardized initial training for Smart Grid
- On-boarding that demonstrates the potential for longevity.

Prospective Employees

- Industry specific educational resource for establishing internships, sponsorship and recruiting campaigns .

A step forward on the Smart Grid Career Path

Results

Number of students

- 263 ComEd
- 2,500+ total

Number of enrollments

- 433 ComEd
- 3,500+ total

A workforce skilled for the smart grid evolution.

Sample of EPCE/ComEd Graduates



Before I enrolled in the program, I was inexperienced and knew very little about the industry. But now, I've learned a lot. Ideally, I would like to be a substation operator or transformer technician. If I actually had to go to a classroom, it would have been a much longer process.

Renzo Lopez
Fleet Assistant
AAS in Electric Power Technology

My company is going towards Smart Grid, so I wanted to learn about the Smart Grid to help me with the 'bigger picture.'

Chris Rushke
Training Specialist 2011
AMI Supervisor 2013



Challenges

ComEd – 3 prong challenge

- 1. NOW**
- 2. Near Term**
- 3. Future**

The Plus-Delta Analysis

Worked well

Plus

- Coordination between utilities nationwide.
- The flexibility of the course.

Adjustments for future

Delta

- Complete development prior to program launch.
- Continual buy-in from key leadership

Next steps preparing the electric industry

- Balance between current and future development.
- Another DOE Grant would be helpful.

Thank You!

www.epceonline.org

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