

# 13<sup>th</sup> PLMA Awards Panel

Awards Committee Co-Chairs

Brian P. Solsbee, P.E.

Raymond A. Pustinger, CEM, CDSM, CSLC

## The 13<sup>th</sup> PLMA Awards

- This PLMA Awards Program recognizes industry leaders who create innovative ideas, methods, programs and technologies that meet peak load needs, respond to variable generation, manage end use loads and mitigate price risks.
- Those honored have made exceptional contributions to the industry's ability to achieve real time balance of supply and demand for electricity; resulting in increased efficiency, economy and a smarter, more reliable electric grid.

## Award Categories

Award	Recognition	Recipient Categories
Program Pacesetter	Innovative solutions require excellent program design and delivery. The Program Pacesetter Award seeks to recognize outstanding programs that effectively support and deliver peak load management.	Utility or Regulator
		Independent System Operator or Regional Transmission Operator
		Aggregator or Marketer
Technology Pioneer	Achieving the potential for peak load management can be greatly enhanced by technology. The Technology Pioneer Award seeks to recognize innovative applications of technology with demonstrated potential to scale.	Consumer
		Solutions Provider
		Manufacturer
Thought Leader	Education, Research and Outreach are key elements in any market transformation. The Thought Leader Award seeks to recognize the impact projects, outreach campaigns and individual contributions that have the potential to shape the industry's future.	Individual
		Organization
		Project
<ol style="list-style-type: none"> <li>1. The recipient categories are arranged in this table adjacent to the most likely award category.</li> <li>2. As appropriate, any of the individual recipient categories can be associated with any of the three award categories.</li> <li>3. An organization may belong in more than one category.</li> <li>4. The awards committee may make multiple awards or no awards in each category each year.</li> </ol>		

## Program Pacesetter - Utility

### **Duke Energy Florida's EnergyWise Home Program**

- 418,000 participating customers and 550,000 Direct Load Control switches installed
- 653 MW load management
- Transitioning from legacy one-way paging to two-way Wi-Fi and cellular DLC switches
- Controlling water heaters more than 140 times per year, on average
- Industry-leading example of continued applied technology innovation



Accepting the award:  
Thomas Artau, Duke  
Energy

## Program Pacesetter - Utility

### **The Pacific Northwest Aggregated Demand Response Commercial Demonstration Project**

- 35-megawatt DR resource for use as a 10-minute balancing reserve
- Created scalable DR platform providing real-time SCADA control and performance reporting for a distributed energy resource portfolio
- Included industrial load, battery energy storage, ADR 2.0 automated controls, and dispatchable voltage regulation
- Offers model for public power entities to serve as a demand response resource aggregator.



Accepting the award:  
John Wellschlager, BPA,  
with John Steigers, Energy  
Northwest

## Program Pacesetter - Utility

### **Pacific Gas and Electric Company's Smart AC Program**

- 150,000 customers with one-way paging load control devices that provide peak period load reduction of approximately 80-100 MW
- Lead a consortium of utility reps and vendors to reconfigure using Smart Grid-based, two-way load control switches
- Other utilities looking to upgrade their load control systems will benefit from PG&E's groundwork



Accepting the award:  
Wendy Brummer and  
Shawn Fagen, PG&E

## Technology Pioneer - Utility

### Austin Energy

- Applied Technology innovation through collaboration.
- One of first to design residential thermostat programs based on customer choice, actively partnering with manufacturers to offer what has since become known as BYOT.
- Enhanced legacy C&I DR programs utilizing a similarly inclusive strategy, one that incorporates open protocols and EPRI's Demand Response Automation System.
- C&I load shed capacity increased by as much as 4X manual shed levels as a result of the introduction of AutoDR.



Accepting the award:  
Scott Jarman, Austin  
Energy

## Technology Pioneer - Utility

### **National Grid**

- Combined technologies and strategies to achieve DR through dynamic prices, direct load control, and behavioral energy efficiency
- Provides customers with smart thermostats, load control devices, web apps, and in-home displays to deliver real-time energy use and compelling messages
- Seamless end-to-end solution for the utility and its customers that integrates a range of technology providers

nationalgrid

Accepting the award:  
Carlos Nouel, National  
Grid, with Wannie Park,  
Ceiva



## Technology Pioneer - Utility

### United Energy

- Achieved significant peak load reduction per home by leveraging consumer mobile application
- Delivered personalized targets and real-time feedback to customers on their energy reduction efforts during the peak events
- Customers also received targeted energy saving tips and performance-based rewards for behavior changes



Accepting the award:  
Steve Nguyen, Bidgely

## Thought Leader - Project

### CPS Energy's My Thermostat Rewards Holiday Splash

- Black Friday campaign partnered with retail & thermostat partners and social media
- 1,745 new enrollments which was a 40% program growth during the 6-week push
- Great potential for other utilities to raise awareness of program offerings

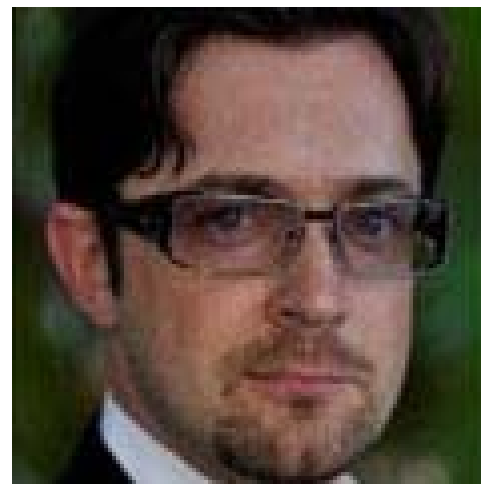


Accepting the award:  
Justin Chamberlain,  
CPSEnergy

## Thought Leader – Individual

### Michael Brown

- Conceptualized and then led the creation of PLMA Demand Response Training Series
- Over 130 industry professionals participated in the courses during 2015
- Expands knowledge exchange among mature DR practitioners and those new to the industry



Accepting the award:  
Michael Brown, NV  
Energy

## PLMA Award-Winning Initiatives Dialogue Series

May 19 John Wellschlager, Bonneville Power Administration,  
with John Steigers, Energy Northwest

Aug. 11 Thomas Artau, Duke Energy, with Jason Cigarran, Comverge

*More to be announced soon*