Minutes of the Commission Meeting
PowerForward: A Glimpse of the Future, Day 2
April 19, 2017 – 9:00 a.m. – 4:15 p.m.

Present:
Asim Z. Haque, Chairman
M. Beth Trombold, Commissioner
Thomas W. Johnson, Commissioner
Lawrence K. Friedeman, Commissioner
Daniel R. Conway, Commissioner
Patrick Donlon, Director, Rates and Analysis Department
Krystina Schaefer, Grid Modernization & Security Section, Rates and Analysis Department
Mahila Christopher, Siting, Efficiency & Renewable Energy Section, Rates and Analysis Department
Timothy Benedict, Office of the Federal Energy Advocate, Rates and Analysis Department
Jacob Nicodemus, Reliability and Service Analysis Division, Service Monitoring and Enforcement Department

The Commission met for the purpose of the first phase of PowerForward.

The meeting began at 9:00 a.m. in Hearing Room 11-B at the offices of the Commission.

1. Why Do We Need to Modernize the Grid?
   Jeff Taft, Chief Architect, Electric Grid Transformation, Pacific Northwest National Laboratory
   Mr. Taft gave a presentation on why the electric grid needs to be modernized.

2. Innovation for the Grid: Panel 1
   Ty Roberts, Director, Electricity Product Marketing, Itron, Inc.
   Mr. Roberts gave a presentation about how to extract value from customer energy usage data.

   Brian Bowen, Regulatory Affairs Manager, FirstFuel Software
   Mr. Bowen presented on utilizing usage data to provide personalized insights for customers.

   Pablo Barrague, Market Development Manager, AES Energy Storage
   Mr. Barrague gave a presentation about the benefits of energy storage.

The meeting took a break at 11:45 a.m. and resumed at 1:15 p.m.
Joel Elkins, Vice President, R&D and Product Development, Think Energy, ENGIE North America
Mr. Elkins gave a presentation about energy infrastructure.

The meeting took a break at 11:45 a.m. and resumed at 1:00 p.m.

3. Ohio Perspectives: Panel 3
   Dave Karafa, Utilities Vice President, Distribution Support, FirstEnergy
   Mr. Karafa provided a video illustrating features of a modernized home and grid.

   Sasha Weintraub, Senior Vice President, Customer Solutions, Duke Energy
   Mr. Weintraub presented information on the expectations of customers.

4. Ohio Perspectives: Panel 4
   Mike Beirne, Executive Vice President, American Municipal Power
   Mr. Beirne gave a presentation on recent projects and initiatives underway with its members.

   Mike Kurtz, Counsel, Ohio Energy Group
   Mr. Kurtz presented on the traditional model of cost recovery and offered insight on how to ensure ratepayers receive benefits from the modernized grid.

   Doug Miller, Vice President, Statewide Services, Ohio Rural Electric Cooperatives, Inc.
   Mr. Miller gave a presentation on technology investments that have improved the efficiency and engagement of its members.

   Chris Healey, Energy Resource Planning Counsel, Ohio Consumers' Counsel
   Mr. Healey presented issues for consideration in modernizing the distribution grid.

The meeting adjourned at approximately 3:45 p.m.

__________________________
Chair

__________________________
Secretary

180 East Broad Street
Columbus, Ohio 43215-3793
(614) 466-3016
www.PUCO.ohio.gov