Minutes of the Commission Meeting
PowerForward: Ratemaking and Regulation
Week 1, Day 2
March 7, 2018 – 9:00 a.m. – 5:15 p.m.

Present:
Asim Z. Haque, Chairman
M. Beth Trombold, Commissioner
Thomas W. Johnson, Commissioner
Lawrence K. Friedeman, Commissioner
Daniel R. Conway, Commissioner
Howard Petricoff, Chief Analyst
Kyrstina Schaefer, Grid Modernization & Security Section, Rates and Analysis Department
Jake Nicodemus, Reliability and Service Analysis Division, Service Monitoring and Enforcement Department

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

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

1. Electric Vehicles (EV): Unlocking the Benefits
   Phil Jones, Executive Director, Alliance for Transportation Electrification
   Mr. Jones laid a foundation and set a framework for the discussion about the electric vehicles.

2. EV: Market Development
   Britta Gross, Director, Advanced Vehicle Commercialization Policy, General Motors
   Ms. Gross outlined a vision for the future in Ohio’s EV marketplace.

   Dan Bowermaster, Program Manager, Electric Transportation, EPRI
   Mr. Bowermaster focused on making the necessary infrastructure investments in a cost effective manner.

   Katherine Stainken, Policy Director, Plug In America
   Ms. Stainken outlined the EV market in a number of states from the perspective of EV drivers.

   Sam Spofforth, Executive Director, Clean Fuels Ohio
   Mr. Spofforth shared a historical context for alternative fuel vehicles in Ohio and offered projections about the future.
Dan Francis, Manager, EV & Technology Policy, AEP
Mr. Francis outlined methods to mitigate the EV market’s impact on peak load requirements.

The meeting took a break at 11:30 a.m. and resumed at 1:00 p.m.

3. EV: Program Design & Best Practices
   Thomas Ashley, Vice President, Policy, Greenlots
   Mr. Ashley provided an EV market overview and highlighted lessons learned from other states’ initiatives.

   Mike Waters, Director, Utility Solutions, ChargePoint
   Mr. Waters provided a snapshot of the growth in EV charging infrastructure and opined upon the role of utilities in this market.

   Erika Myers, Director, Research, Smart Electric Power Alliance
   Ms. Myers outlined the impact of EV integration on the electric grid and provided an overview of regulatory oversight and utility investment in EV infrastructure.

   Joe Halso, Associate Attorney, Sierra Club
   Mr. Halso made the environmental case for EV market development and provided suggested strategies for regulatory oversight to stimulate the market.

   David Kolata, Executive Director
   Mr. Kolata outlined a plan for the most effective regulatory paradigm to deal with EVs.

4. Storage as a Grid Component: Introduction
   Jeff Taft, Chief Architect, Electric Grid Transformation, PNNL
   Mr. Taft outlined the different roles of energy storage.

   Ben Kaun, Program Manager, Energy Storage and Distributed Generation, EPRI
   Mr. Kaun opined on the various placements in which storage can be effectively utilized.

   Tim Ash, Market Director, U.S. East, Fluence – A Siemens and AES Company
   Mr. Ash made the case for the applications of storage that have already proven effective.

   Davion Hill, Energy Storage Leader, DNV GL Energy Americas
   Mr. Hill outlined the business case for storage in the United States and abroad.
Scott Osterholt, Director, Grid Modernization, AEP Ohio
Mr. Osterholt explained AEP's corporate-wide experiences with storage.

The meeting adjourned at approximately 5:15 p.m.

M. Beth Tumolo
Chair

Cassandra B. Zoupel
Secretary