

# IEEE Power Engineering Society Entity Annual Report

2014

**Entity:**

**Chair: Steve Pullins**

**Vice-Chair: Doug Houseman**

**Secretary: Open**

## **1. Significant Accomplishments:**

- 1) The IGCC continued to work with the iCAID for DC@Home, moving the work into draft form.
- 2) The IGCC completed the Roadmap work for PES and delivered the final draft of the roadmap to PES.
- 3) The IGCC reviewed over 200 technical papers, most of the work falling on approximately 10 members of the IGCC.
- 4) Completed and delivered 4 new 4 hour tutorials on grid modernization

## **2. Benefits to Industry and PES Members from the Committee Work:**

The roadmap was used as an input to the PES TC re-organization workshop to help shape the discussion and the outcomes.

## **3. Benefits to Volunteer Participants from the Committee Work:**

Committee members had strong input to the roadmap. Many are burned out from the volume of technical papers that require review.

## **4. Recognition of Outstanding Performance:**

- 1) Steve Pullins for his leadership of the IGCC
- 2) Erich Gunther for his work on the Roadmap, along with Steve Pullins, Georges Simard, Jeff Nelson, Bill Ash, and ML Chan. Approximately 30 others participated in at least one workshop.

## **5. Coordination with Other Entities (PES Committees, CIGRE, standards, etc.):**

- 1) IGCC worked with 17 of the other technical committees, the Standards Association (on DC@Home). They also held discussions with DOE on the QER and the CEPRI and State Grid in China on the Energy Internet, which will be the focus of a Super Session at the General Meeting in 2015.

**6. New Technologies of Interest to the Committee:**

- 1) So far approximately 40 new or updated technologies have been identified that should be distributed to the various Technical Committees.

**7. Significant Plans for the Next Period:**

- 1) Complete Phase I of the DC@Home project
- 2) Look at the consolidation of the IGCC and ETCC
- 3) Assist with the committee re-organization for the TC
- 4) Create a series of webinars that can be recorded for replay
- 5) Develop a tutorial to explain Energy Banking and Distributed Resources Hosting

**Submitted by: Steve Pullins Date: January 11, 2015**