

# IEEE Power Engineering Society Entity Annual Report

2015

**Entity: Intelligent Grid Coordinating Committee**

**Chair: Doug Houseman**

**Vice-Chair: Nouredine Hadjsaid**

**Secretary: Steve Pullins**

## **1. Significant Accomplishments:**

- 1) The IGCC continued to work with the iCAID for DC@Home, the second draft of the report will go to the team members in March 2016
- 2) The IGCC started an update of the future tech for Smart Grid, white paper to be published in October 2016
- 3) The IGCC setup the initial IEEE Smart Cities conference in Paris, France in October 2016, right now it looks like it will be fully subscribed
- 4) The IGCC reviewed over 200 technical papers, most of the work falling on approximately 8 members of the IGCC.
- 5) Completed and delivered 6 new 4 hour tutorials on grid modernization
- 6) Agreed to merge with the ETCC and started the process to complete the merger
- 7) Worked to get GridVision 2050 back from SA to update and re-issue
- 8) Drafted several sections of the IEEE's response to the QER
- 9) Setup and moderated the Late Breaking News Super Session at the GM
- 10) Setup and will run panel sessions at ISGT, T&D, and GM
- 11) Ran tutorials at 9 student chapters and 8 local chapters, as well as in China, and Australia.

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

The future tech white paper will provide a basis for committee discussions and future standards

## **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) Nouredine Hadjsaid for his work on the Smart Cities Conference and the merger of the ETCC and the IGCC
- 2) David Nichols for his work on the future tech initial outline

- 3) Grant Gilcrest for his work on illustrations for various white papers and tutorials

**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
- 2) Had a discussion with CIGRE and EPRI about a joint futuring workshop

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

- 1) So far approximately 50 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 (delayed from 2015)
- 2) Finish the consolidation of the IGCC and ETCC
- 3) Help complete 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 DC use in residential dwellings and a DC Micro-grid tutorial

**8. Problems and Concerns:**

- 1) The quantity of papers submitted continues to grow at approximately 35% per year
- 2) The value of the papers submitted continues to decline rapidly, with most lacking any real value to the industry
- 3) ICGG because of the paper load will have a hard time finding a vice chair in 2016

**Submitted by: Steve Pullins Date: January 10, 2016**