

Unconfirmed Minutes
IEEE P2030 Draft Guide for Smart Grid Interoperability
Task Force I: Power Engineering Technology
Sub Group 5: Load Side
July 13, 2009

IEEE P2030 Draft Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), and End-Use Applications and Loads

Call to order and introductions

The meeting was called to order at 3:05 EDT by Chairman Donald Bowen. There were 11 participants and no observers (see appendix for attendance).

Approval of agenda

Review of IEEE Patent slides

Approval of Minutes (29-Jun-2009)

Minutes were unanimously approved.

Contribution: Google Document system – Adolfo Gutierrez

Adolfo Gutierrez led a review of the Google tools he established for IEEE P2030 groups at:

<http://sites.google.com/site/ieeep2030tf1sgenergysources/>

Members were encouraged to become familiar with the many features of the Google hosting system, some of which may be employed in the future.

There was discussion about exactly what our groups official designation should be, a working-group or sub-group, and what numeric designation (4 or 5). The Chairman said he would seek authoritative guidance. [Ed. Note: IEEE P2030 TF1 Chairman Sam Sciacca advises *Sub Group 5: Load Side* is the preferred designation.]

Contribution: Review of Load types – Tom Field

Tom Field led a discussion of his contribution on load types, and organizing them into of industrial, commercial, and residential groupings within a spreadsheet.

There was discussion about the nature of the group's focus, and whether BPL issues such as interference were relevant. Most felt this was more an issue for TF2 and 3.

Anthony Mazy noted that California utilities often operate in ways different than others. For example, "energy" and "wire" segments are often partitioned (though the process of separation is currently paused). Also, sometimes utilities do not control meters. "Meter Service Providers" control them instead. Paul Heitmann noted the difference between an emergency load shed versus a demand response load shed. There was note of a utility controlled aspect versus a personally controlled aspect. Note was also made of arrangements with industrial users that accommodate "interruptible" loads.

Carlos Haiad said that operating a demand response reduction with a data center was possible contrary to what others had speculated, and offered to provide a contribution for the next meeting

Mr. Gutierrez suggested a generic representation of loads was desirable.

Mr. Mazy also urged the group to focus on the significant loads first (pool pumps, HVAC). He noted pool pumps represent a larger load than HVAC in some California areas.

NEXT MEETING

Date: **Monday 27-July-2009**

Time: **3:00 PM EDT**

Web: <https://connect2.uc.att.com/attinc/meet/?ExEventID=82243565>

(connecting through this web interface first before your call may make things easier for the note taker, allowing names of talkers to be displayed on the web)

Audio only number: **866 645 3167**, PIN **2243565**
(816 423 4241 outside US)

Old business

New business

Adjourn

The meeting adjourned at 3:30 PM.

ATTENDENCE

LAST NAME	FIRST NAME	ENTITY NAME	29 Jun	13 Jul	27 Jul	TBD	TBD	TBD
Bernstein	Greg	Grotto Networking	x	x				
Bowen	Donald	AT&T	x	x				
Downey	Liang	Nextek Power Systems						
Field	Tom	Entergy	x	x				
Gutierrez	Adolfo	uBricks Research	x	x				
Heitmann	Paul	Comverge	x	x				
Haiad	Carlos	Southern Calif. Edison		x				
Hornquist	Edwin	Southern Calif. Edison	x					
Hyland	Michael	APPA						
Keogh	Brendan	Spirae Inc	x					
Lecours	Bernard	GE Energy	x					
Lin	Paul I.	Purdue University Fort Wayne Campus						
Mazy	Anthony	California Public Utilities Commission	x	x				
Mekic	Fahrudin	ABB Inc						
Nelson	Tom	NIST	x	x				
Obenchain	Gregory	Edison Electric Institute						
Picken	William	SliceX, Inc.						
Rauss	Devin	Southern Calif. Edison	x	x				
Reitsma	Bert	Blank L/T (Law & Technology)	x	x				
Samara-Rubio	Dean	Intel	x					
Sciacca	Samuel	Microsol	Obs.					
Tai	Brian	Accenture	x	x				
Torab	Payam	Gridonet	x					
Vishwakarma	Devendra	Areva T&D Inc.						