

IEEE P2814 Working Group Meeting
Minutes
11 Dec. 2019 / 12:00 PM –1:00 AM (GMT)
Teleconference
<https://join.me/ieeep2814>

Minutes Recorded by Michael Sanders, WG Secretary

1. Call to Order

The meeting was called to order at 2:00 PM (CEST) by the Working Group Chair, C. S. Lai.

2. Roll Call of Individuals & Declaration of Affiliation

Affiliation FAQs: <http://standards.ieee.org/faqs/affiliation.html>

3. Approval of Agenda

The agenda was approved.

4. IEEE Patent Policy

a. Call for Patents

<https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

The call for patents was raised. There were no questions or concerns.

5. Approval of the minutes of the last meeting

C.S. Lai had a brief discussion regarding the minutes from the last meeting including completed tasks, and ones that are still in progress. The attending members approved the minutes.

6. WG Policies and Procedures (P&P)

C. S. Lai has completed the new WG website and the link to the P&P document is on the front page (as requested by P&P). C. S. Lai also reviewed the important aspects of the document (including how a member loses and gains voting rights and the responsibilities for the WG volunteers).

7. Scope and boundaries of the PAR

The focus of this meeting is still on determining and settling on the scope and boundaries. C.S. Lai went thru discussion points from the last meeting. Comments included (from slide 3)

- Consider the disposal/removal costs of various components
- However, need to not get too broad in this discussion (in terms of scope)
- The group can define specific boundaries.
- Keep the focus on specific technologies

Dhurjaty talked about the need to include new technologies, such as super capacitors. He mentioned that these are just now in development phase, but can act as a storage entity, up to 10,000 Farads.

Simon agreed with the first point around including decommissioning costs. Also, he asked to consider that for EV's (at least) the split between main and auxiliary batteries (ie, there are still lead-acid in use).

C.S. agreed to considering the separate channels for EV, and then asked if the scope as stated is good enough to cover all of the above.

Dhurjaty responded to that, by asking a question as to whether or not we need to include financial definitions, as there is a difference between an economic model and a financial one.

On the next slide (slide 4), there was the statement of adding 'security and stability' to the scope. There was discussion as to a more precise definition of these terms, as they can mean different things depending on context.

John agreed with this (different meanings).

C.S. related that his definition of stability, is more along the aspect of reliability in terms of performance, delivery, etc. He also stated that there is a definitions section in the final document, and that these terms (and others) would be defined here to reduce ambiguity.

Under the next section, there was comment about the need for system monitoring/remote control of assets, and how does this fit in a model.

Dhurjaty mentioned that we need to also consider these aspects as they relate to a factory, in the context of energy management.

Dongxiao brought up, how do we factor in Load Demand response? This generated discussion of how do we create an end-end model from generation to consumption, but again, keep scope reasonable. This led to discussion that an economic model, if done right, can be a basis for a financial model. Also, that we can leverage existing models, at least for traditional generation/transmission/distribution components.

Simon agreed with the comments about revenue streams and a total cost model.

C.S. talked briefly how different revenue approaches are, from country to country; for example a national grid approach in the UK.

Finally, C.S. talked about the outline of the standard, and that there is a 3 year time to complete. Important dates are:

PAR Requested 14-Feb-2019

PAR Expiration 31-Dec-2023

Lastly, the open task at this point is still around the structuring and boundaries of defining/setting of scope.

Also, C.S. announced the next meeting will be in February, 2020. Exact time will be sent later.

8. Appointment of Officers

a. Vice-Chair

The Working Group Chair shall appoint a Vice-Chair.

The appointment of officers shall be for a term of one year, but an officer may serve until a successor is appointed.

The officers (and any person designated to manage the Sponsor ballot) shall each be IEEE members of any grade, or IEEE Society affiliates, and also be members of IEEE-SA.

If you are interested in the Vice-Chair position please contact Chun Sing Lai.

b. Michael Sanders has been assigned as the Secretary.

9. AOB

10. Future Meetings

This is scheduled to be in February, 2020. The specific time/date will be circulated by email.

11. Adjourn

The meeting was adjourned at 3:05 PM (CEST).

Attendees

Last Name	First Name	Affiliation
Lai	ChunSing	University of Leeds
Sanders	Michael	Salt River Project
Dhurjaty	Sreeram	IEEE Rochester Section
Lai	Loi Lei	Guangdong University of Technology
Wang	Dongxiao	Australia Energy Market Operator (AEMO)
Valdivia	Simon	John Wood Group, PLC
Pimm	Andrew	University of Leeds
Camilleri	John S.	PSC North America
Mbungu	Nsilulu Tresor	
Germanà	Roberto	Universita Di Roma La Sapienza