

IEEE P2814 Working Group Meeting
Minutes
27 Feb. 2020 / 2:00 PM –3:00 PM (GMT)
Teleconference
<https://join.me/ieeep2814>

Minutes Recorded by Michael Sanders, WG Secretary

1. Call to Order

The meeting was called to order at 2:05 PM (GMT) by the Working Group Chair, C. S. Lai. Was determined there was a proper quorum of voting members.

2. Roll Call of Individuals & Declaration of Affiliation

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

a. Note – the following individuals indicated to Dr. Lai that they could not attend and extend their apologies:

- Andrew Pimm, University of Leeds
- Dongxiao Wang, Australia Energy Market Operator (AEMO)
- Joe Dong, University of New South Wales
- Stephen Browning, Retired – CEGB/National Grid Electricity System Operations Generation Modelling

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 asked if there were any comments regarding the previous meeting minutes. There were none, and the minutes were approved.

6. Comments on Presentation

This standard defines techno-economic terminologies used in the development, construction, and operation of renewable energy and electrical energy storage systems

Slide 1 – Definition Slide

No comments

Slide 2 – Economic/Financial Terminology

S. Valdiva commented on the revenue statement, will there be general naming, or are we trying to be specific.

Slide 3 – TEA & LCA

No comments

Slide 4 – Framework Example

No comments, but all should read the example (see presentation for details)

Slide 5 – Example of Application of Methodology (for case studies)

J. Stephens brought up question, is economy of scale part of case study?

Slide 6 IEEE SMC 2020

C.S. Lai recommended that paper be submitted to this. Broad picture would be Overview of the proposed standard; Categories of energy systems and cost; Predict future cost of energy storage. Paper to be around 6 pages.

Date for submission is April 15, 2020 – very tight timeline.

C.S. to circulate draft in a couple of weeks

Simon question? Would this contain how the outline of the model should look?

C.S. Plot graph as to future trends vs. what has been (for cost). Not to try and create true predictor model.

Slide 7 – Smart Cities Newsletter (IEEE)

C.S. suggested a article be written for the newsletter.

<https://smartcities.ieee.org/newletter>

Would be overview of the standard; approx.. 800-1000 words.

Purpose is to define what the standard will look like

Concern over timelines

Slide 8 – Structure of Standard

Overview, References, Definition, Need for Standard, Methodology,

Examples of applications; Bibliography

Slide 9 – PAR dates

PAR Approved 21-May-2019

PAR expires 31-Dec-2023

Slide 10 – Tasks

Structure Scope of PAR

May need Sub working groups for individual components

Need to create the initial draft document

C.S. again brought up need for Vice Chair.

Simon – question do we have to spend the time up front in every meeting going over the details of the IEEE portions. Can we sign a document per person, stating we have all seen/agreed, etc to the Patent and Copyright policies? Takes up a lot of time. C.S. to check with IEEE

7. 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 or Secretary position please contact Chun Sing Lai.

8. AOB

9. Future Meetings

This is scheduled to possibly be in late march. The specific time/date will be circulated by email.

10. Adjourn

The meeting was adjourned at 3:15 PM (GMT).

Attendees

Last Name	First Name	Affiliation
Lai	Chun Sing	Brunel University London
Sanders	Michael	Salt River Project
Dhurjaty	Sreeram	IEEE Rochester Section
Lai	Loi Lei	Guangdong University of Technology
Bahn	Christy	IEEE SA
Valdivia	Simon	John Wood Group, PLC
Camilleri	John S.	PSC North America
Mbungu	Nsilulu Tresor	
Soma	Sekhar Goviraboyina	
Tao	Yingshan	Guangdong University of Technology