



Chair: R. Sherwin
Vice Chair: D. Brake
Past Chair: J. Colby
Treasurer: G. Alsenas
Secretary: G. Kelly

USNC/IECRE
c/o ARESCA
256 Farrell Farm Rd
Norwich, VT 05505
www.aresca.us



CONFIRMED MEETING MINUTES

PLACE OF MEETING: Online

DATE OF MEETING: Monday, November 9, 2020
1:00 PM – 3:00 PM (Eastern Time)

PRESIDING OFFICER: Bob Sherwin, Chair

I. ADMINISTRATION

A. Chair's Introductions & Announcements

Bob reviewed recent activities in IECRE including the restructuring of OMCs into SWGs, Cybersecurity, Assessment and Budgets. Special thanks expressed to IECRE Chair Alistair MacKinnon and SG553 Convenor Wally Ebner. Slow but steady progress in Marine and PV sectors. US has a strong presence in the scheme.

B. Review of Antitrust & Meeting Guidelines

The purpose of antitrust laws is to preserve economic competition in the marketplace by prohibiting, among other things, unreasonable restraints of trade. In ARESCA activities, it is important to recognize that participants often represent competitive interests. Antitrust laws require that all competition be open and unrestricted.

It is ARESCA's policy, and the policy of each of its committees and subcommittees, to conduct all business and activity openly and transparently, and in full compliance with international, federal and state antitrust and competition laws.

C. Quorum Determination and Roster Review

The committee consists of twenty-four (24) voting members, 18-industry and 6-CBs/TLs.

Eighteen (18) voting members were present, constituting a quorum under the USNC/IECRE rules.

VOTING MEMBERS PRESENT:

AIG Global Property Tom Starr
American Bureau of Shipping..... Lars Samuelsson
ArcVera Renewables..... John Bosche
Bachman Electronic Corp..... Brian Hill
EAPC Wind Energy Services..... Bob Sherwin
First Solar, Inc. Sumanth Lokanath
GE Renewables..... Toby Gillespie
Hogan Renewables Steve Hogan
Mass CEC WTTTC..... Rahul Yarala
McNiff Light Industry Brian McNiff
National Renewable Energy Laboratory Jeroen van Dam
NextEra Energy, Inc. Van Culver
Resolute Marine Energy, Inc. William Staby
Siemens Gamesa Renewable Energy Luis Carbonell
SNMREC Gabe Alsenas
Underwriters Laboratories LLC..... Steven Margis
Verdant Power..... Jonathan Colby
Wetzel Wind Energy Services..... Kyle Wetzel

VOTING MEMBERS ABSENT:

** Boulder Wind Consulting Sandy Butterfield
** Chava Wind..... Hagen Ruff
** DNV GL..... Luke Simmons
** Sandia National Laboratories..... Budi Gunawan
* EDP Renewables North America LLC..... Nathan Brunner
* PacWave / Oregon St Univ..... Diane Baldwin

MEMBERS ABSENT 3 OR MORE CONSECUTIVE MEETINGS:

*** Intertek..... Troy Hewitt
*** SOH Wind Engineering Robert Stewart

OTHERS PRESENT (NON-VOTING):

USNC Vice Chair..... Dan Brake
WE Resource Expert..... Wally Ebner
ME Resource Expert..... Rick Williams
Sunset Technology Inc. George Kelly
Underwriters Laboratories LLC..... Ken Boyce
Underwriters Laboratories LLC..... Emil Moroz
Underwriters Laboratories LLC..... Ellie Weyer

Notes:

- *** Member has missed three consecutive meetings and placed on Observer status.
- ** Member has missed two consecutive meetings.
- * Member has missed one meeting.

D. Review/Approve Agenda (Chair) – approved with no changes

E. Acceptance of Previous Minutes

The minutes of the July 16, 2020 meeting were circulated to members for review and approval. Members were advised that if no comments were received within 30 days, the minutes would be automatically approved. No comments or corrections were received.

II. SYSTEM AND SECTOR ACTIVITIES

A. REMC Meeting Documents (George Kelly)

1. REMC/538/DFA: Use of the IECRE logo by IECRE Officers and Convenors – Supported (email signatures also)
2. REMC/490/R: ME-SWG
 - a. Extension of the transition plan – Supported
 - b. Approve OD-310-4 Conformity statement for new technology through technology qualification – first opportunity for CBs to participate in ME sector; does not include mandatory accreditation - Supported
 - c. Approve OD-310-T01 ME Certificate template - Supported
 - d. Approve standards for use in the ME Sector - Supported
3. REMC/491/R: PV-SWG
 - a. Endorsement the PV SUP to IECRE 02 – has been passed along to WG 001 for actual approval process – Supported in principle
 - b. Approve OD-471 Acceptance of RECB for the PV sector – some details may change based on CAB discussion this week - Supported
 - c. Approve OD-481 Qualification Criteria for Peer and Lead Assessors - same as WE sector; will eventually be combined into a higher level document - Supported
 - d. Proposed procedure for updates of normative standards – avoids need for REMC voting every time; suggest that we base it on CTL in IECEE - Supported
4. REMC/512/R: WG 402 Assessment procedures
 - a. Disband WG402 and merge their activities into the PV-SWG - Supported
5. REMC/495/R: WG 004 Promotion & Marketing
 - a. Reassignment of responsibility for OD-402 and OD-407 - Supported
 - b. Consideration for use of promotion and budget approval -

Withdrawn

6. REMC/501/R: SG 550 Certification Bodies
 - a. Update of various sub-parts of OD-501-x - Supported
 - b. Update of OD-550-4 Qualification Criteria for Peer and Lead Assessors for RECBs - Supported
 - c. Mandatory experience exchange between lead and peer assessors
 - d. Training to be completed as one of the qualification criteria for lead and peer assessors – Supported in principle; likely to change during discussion at the meeting
 - e. Process to ensure that relevant checks are performed at receipt of certificates and statements submitted to the secretariat - Supported
7. REMC/504/R: SG 553 End Users
 - a. Update to the SG 553 ToR – editorial changes; Supported
 - b. SG is currently seeking input for future directions of the group
 - c. Bob suggests there are still issues to be discussed between OEMs and End Users
8. REMC/514/R: WG 501 Rules of Procedure
 - a. Update to the WG 501 ToR – should clarify point b) to make sure REMC approval is required – Supported in principle
9. REMC/497/R: WG 007 Personnel Certification
 - a. Suggestion to dissolve WG 007 – Counter recommendation to make the WG “dormant” and reactivate it later – Support in principle
10. REMC/499/R: WG 010 Grid Code Compliance
 - a. Approach to co-operation with ENTSO-E – Seems like mainly a European issue – Generally support, but would like to know more details
11. CAB/2019/R: IECRE Chair’s report
 - a. Steve reported on discussion in CAB meeting today; budget crisis is essentially resolved; peer assessment is the big topic still to be covered
12. Delegates for the REMC Meeting
 - a. Bob Sherwin (HoD), Brian McNiff, Sumanth Lokanath, Luis Carbonell
13. Other REMC participants (not counted as US delegates)
 - a. Wally Ebner, Toby Gillespie, Gabe Alsenas, Jonathan Colby, Jeroen Van Dam, George Kelly

- B. **Wind** (Bob Sherwin) – want to get more owner/operators and financial institutions involved; interest is building globally as well as in US; working on several new memberships from academia
- C. **Solar PV** (George Kelly) – forming SGs for Manufacturers and End Users; urgently need more participants
- D. **Marine** (Gabe Alsenas) – strong participation, particularly in WG360 to develop deliverables for the sector and WG361 for CB/TL acceptance requirements; startup of 3 grid-connected tidal turbines in NYC is a big achievement for Verdant; will also be first system evaluated (by EMEC) under IECRE ME sector

III. **OTHER BUSINESS**

A. **ELECTION OF USNC/IECRE OFFICERS** (George Kelly)

- 1. Confirmation of Bob Sherwin for another 4-year term as Chair
- 2. Confirmation of Dan Brake for another 4-year term as Vice Chair
- 3. Motion by Steve Margis seconded by Jonathan Colby and approved by voice vote

B. **TREASURER’S REPORT** (Gabe Alsenas)

- 1. Review of 2020 financial status –
 - a. IECRE global budget basically on track; significantly affected by travel reduction
 - b. USNC has paid all dues to IEC and ANSI, but has a significant number of invoices outstanding for 2020 dues; assuming these are paid we would be able to start setting aside reserves (as required)
 - c. Expect 2021 dues to be stable and budget to be circulated for ballot in December
- 2. Planning for 2022 budget – following schedule agreed in Feldkirch; presently awaiting sector input to be consolidated for REMC approval early next year

C. **OPEN BALLOTS** (George Kelly)

Doc #	Title	US Voting Deadline
REMC/541/DV	Document for Vote: To approve of Draft OD-551-24 Ed.1.0 - Assessment of RETLs for "Power performance measurements of electricity producing wind turbines" according to IEC 61400-12-1	26-Nov
REMC/543/DV	Document for Vote: To approve of the Initial assessment report for RECTF Vestas Technology UK Ltd for the competency area blade testing	26-Nov

Note: US voting period is set at 30 days, assuming at least one week before the IECRE deadline to allow for resolution of comments if necessary.

E. ACTION ITEM REVIEW (Bob Sherwin)

1. All members to pay outstanding invoices for dues

2020 USNC/IECRE Meeting Schedule and Associated Meetings		
Jan 2020	USNC/CAPCC-TMC-Council	Charlotte, NC
Spring 2020	TC 114 Marine Energy	Online
Spring 2020	ME WG Meetings	Online
Apr 2020	TC 88 Wind Energy	Online
Spring 2020	WE WG Meetings	Online
Apr-May 2020	TC 82 Solar PV	Online
Spring 2020	PV WG Meetings	Online
May 2020	USNC/CAPCC-TMC-Council	Online
Jul 2020	USNC/IECRE - Delegate debrief from TC and WG meetings; Establish US position on REMC agenda items	Online
Sep 2020	USNC/CAPCC-TMC-Council	Online
Nov 2020	USNC/IECRE - Establish US position on REMC agenda items	Online
Nov 2020	IEC General Meeting SMB/CAB/Council	Online
Dec 2020	REMC Annual Meeting	Online
Dec 2020 (Jan 2021)	USNC/IECRE - Delegate debrief from REMC; approve 2021 budget	Online

IV. ADJOURNMENT at 2:55pm