



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

USNC/IECRE  
c/o ARESCA  
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# DRAFT MEETING MINUTES

**PLACE OF MEETING:** Online  
**DATE OF MEETING:** Tuesday, September 21, 2022  
11:00 AM – 1:00 PM (Eastern Time)  
**PRESIDING OFFICER:** Bob Sherwin, Chair

## I. ADMINISTRATION

### A. Chair’s Introductions & Announcements

### 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-one (21) voting members. A majority of the voting members must be present to constitute a quorum to establish a duly constituted meeting for the purpose of conducting business.

**Thirteen (13)** voting members were present, constituting a quorum under the USNC/IECRE rules.

### VOTING MEMBERS PRESENT:

ARESCA ..... Bob Sherwin

American Bureau of Shipping.....	Lars Samuelsson
Bachman electronic Corp. ....	Brian Hill
GE Renewables .....	Toby Gillespie
Mass CEC WTTC.....	Rahul Yarala
National Renewable Energy Laboratory .....	Jeroen van Dam
NextEra Energy, Inc. ....	Van Culver
PacWave / Oregon St Univ.....	Pedro Lomonaco
Resolute Marine Energy, Inc. ....	William Staby
Siemens Gamesa Renewable Energy .....	Luis Carbonell
SNMREC .....	Gabe Alsenas
Streamwise Development.....	Jonathan Colby
Underwriters Laboratories LLC.....	Steve Margis

VOTING MEMBERS ABSENT:

** AIG Global Property .....	Tom Starr
** ArcVera Renewables.....	John Bosche
** McNiff Light Industry.....	Brian McNiff
* Chava Wind.....	Hagen Ruff
* Department of Energy.....	Elaine Buck
* Verdant Power .....	Aaron Hernandez

MEMBERS ABSENT 3 OR MORE CONSECUTIVE MEETINGS:

*** DNV GL.....	Ben Todd
*** Sandia National Laboratories.....	Budi Gunawan

OTHERS PRESENT (NON-VOTING):

WE Resource Expert.....	Wally Ebner
ME Resource Expert.....	Rick Williams
Sunset Technology Inc.....	George Kelly
Hogan Renewables.....	Steve Hogan
National Renewable Energy Laboratory .....	Arlinda Huskey
National Renewable Energy Laboratory .....	Brent Summerville
Underwriters Laboratories LLC.....	Ellie Weyer
Underwriters Laboratories LLC.....	Emil Moroz

**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 one addition (II.D.1.b)**

**E. Acceptance of Previous Minutes**

The minutes of the September 21, 2021 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 (Jonathan Colby)

1. Review of REMC agenda items (REMC/783B/DA)
  - a. Approval of OD-001 version 8.2 (REMC/808/R) - Yes
  - b. Disband WG008 “Hybrid microgrid systems” (REMC/803/DFA) – No; recommendation to keep “inactive” pending activity from SC8B
  - c. Approval of draft OD 009 (REMC/806/R) – Comment period closes 8-Oct; concerns about writing requirements into an OD instead of a standard; Abstain pending further review of REMC/788/DC (or No if our concerns are correct)
  - d. To approve Draft OD-002 Ed.5 (Clarification Sheets) – added MBs and TFs; Yes
  - e. Election of the IECRE Chair (REMC/795/DFA) – General support for Alistair, no other candidates nominated; vote Yes
    - i. Start succession planning for 3 years from now; should discuss in CAPCC
2. Selection of delegates for the REMC Meeting (Frankfurt, 10-11 Oct)
  - a. **Bob Sherwin (HoD)** – will attend remotely
  - b. In person: Toby, Jeroen, Jonathan (pending), Gabe
  - c. Remote: **Brian Hill, Luis Carbonell, Bill Staby**, George
  - d. WG/TF/TC leaders do not count toward US delegation.
  - e. Remote participation is possible; need to register by 5-Oct.
  - f. Observers can be added by 5-Oct.
  - g. Motion was made by Jonathan and seconded to approve the delegation. **ACTION:** George to submit names to IEC Central Office.

### B. Wind (Bob Sherwin)

1. Review of REMC agenda items
  - a. Approval of 8 recommendations by CBs (REMC/807/R)
    - i. Amendment of Terms of reference - Yes
    - ii. Establish working group to manage training of assessors

- Yes (with comments); model after IECCEE as much as possible
- iii. Collection of all fees directly from OEMs and End users – already rejected by WG 006; vote No
- iv. Revision of the penalties for non-payment of fees – tied to previous recommendation; vote No with comments
- v. Prepare a process description for document approval – not clear why this is needed; vote Yes if there is legitimate confusion
- vi. New sub-OD for machine and structural components – to be based on new standard which is nearly complete; Yes
- vii. Revision of OD-501-7 (Main Electrical Components) - Yes
- viii. New sub-OD for lightning protection system - Yes
- b. Electrical Characteristics Assessment OD (REMC/809/R) – update to reference new standard; vote Yes
  - i. See also recommendation 2 from SG 550

**C. Solar PV (George Kelly)**

1. Review of REMC agenda items (REMC/786/R)
  - a. Approve the new published list of standards - Yes
  - b. Approve interim peer assessors – Yes; will need similar provision for Marine
  - c. Approve concept paper for the PV rating system (REMC/787/R) – Basic concept has some precedent in other CA systems; concern that requirements don't all come from published standards; would require CAB approval; suggestion to ask TC82 to develop an NP; vote Yes (don't oppose) pending further discussion

**D. Marine (Gabe Alsenas)**

1. Review of REMC agenda items (REMC/804/R)
  - a. Approve IEC/TS 62600-202 Ed. 1 for use in the ME Sector - Yes
  - b. Endorse Jonathan Colby for a second term as convenor – Motion made by Bill Staby and seconded; Approved without objection

**III. OTHER BUSINESS**

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

1. Review of 2022 financial status
  - a. All bills paid; most invoices collected.
  - b. Sponsored General Meeting in SF this year.
  - c. Will start full reconciliation next month.
2. Planning for 2023 budget
  - a. Expect budget to be circulated for approval by end of the year.
  - b. Key issue is increasing membership.

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

Doc #	Title	US Voting Deadline
REMC/833/DV	Document for Vote: To approve Draft OD-501, Ed. 3	13-Oct
US/RE/49/DV	Approval of USNC/IECRE membership for Raptor Maps	16-Oct
REMC/845/DV	To approve an amendment to OD-471 to allow remote peer assessment of new applications for Certification Bodies (Candidate RECB) to become a registered and recognized participant in IECRE.	20-Oct

**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.

**C. ACTION ITEM REVIEW (Bob Sherwin)**

1. George to send names of US delegates to Central Office.
2. Bob & George to schedule another meeting after REMC (in Dec)

<b>2022 USNC/IECRE Meeting Schedule and Associated Meetings</b>		
Jan 2022	USNC Management Meetings	Online
May 2022	USNC Management Meetings	Online
Sep 2022	USNC Management Meetings	Online
<b>Sep 2022</b>	<b>USNC/IECRE - Establish US position on REMC agenda items</b>	<b>Online</b>
Oct 2022	REMC Annual Meeting	Frankfurt, Germany

Nov 2022	IEC General Meeting	San Francisco, CA
<b>Dec 2022</b>	<b>USNC/IECRE - Delegate debrief from REMC; approve 2022 budget</b>	<b>Online</b>

IV. **ADJOURNMENT** at 12:50pm