



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:** Tuesday, September 21, 2021  
2:00 PM – 3:30 PM (Eastern Time)

**PRESIDING OFFICER:** Bob Sherwin, Chair

### I. ADMINISTRATION

#### A. Chair's Introductions & Announcements

Hope to be able to schedule an in-person meeting early next year.  
Would like to hold these meetings on a regular basis (4 months).

#### 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.

**Fourteen (14)** 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
Chava Wind.....	Hagen Ruff
GE Renewables.....	Toby Gillespie
Mass CEC WTTC.....	George Blagdon
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.....	Ken Boyce
Verdant Power.....	Jonathan Colby
Wetzel Wind Energy Services.....	Kyle Wetzel

**VOTING MEMBERS ABSENT:**

* AIG Global Property .....	Tom Starr
* ArcVera Renewables.....	John Bosche
* McNiff Light Industry .....	Brian McNiff
* PacWave / Oregon St Univ.....	Diane Baldwin

**MEMBERS ABSENT 3 OR MORE CONSECUTIVE MEETINGS:**

*** Boulder Wind Consulting.....	Sandy Butterfield
*** DNV GL.....	Luke Simmons
*** Sandia National Laboratories.....	Budi Gunawan

**OTHERS PRESENT (NON-VOTING):**

PV Resource Expert.....	John Balfour
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
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 one addition (II.C.2)**

**E. Acceptance of Previous Minutes**

The minutes of the November 9, 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 (Jonathan Colby)**

#### 1. Status update

- a. Preliminary agenda received today.
- b. No voting items, but they might show up in WG/TF reports (which are due by 29-Sep).
- c. Basic rules, RoP and supplements have been updated and conditionally approved by CAB (pending final version in June 2022).
- d. Main issue remains mandatory use of accreditation (in SWG supplements) in place of peer assessment. This is being addressed by TF7 and WG001.
- e. Overall growth in certificates and test reports issued.
- f. IECRE has been fully integrated into Collaboration Tools.
- g. Copyright policy has been implemented.
- h. Balanced budget for 2022 has been circulated and approved. There are a few adjustments to the deliverable fees in OD-001.
- i. Austria has left the system, but we are attempting to get them back. Australia has joined in the PV sector and Belgium in the WE and ME sectors. Netherlands has agreed to stay.

#### 2. Selection of delegates for the REMC Meeting

- a. Bob Sherwin (HoD)
- b. Brian Hill
- c. Luis Carbonell
- d. Bill Staby
- e. WG/TF/TC leaders do not count toward US delegation. (Toby, Jeroen, Jonathan, Gabe, George, Wally).
- f. Observers are also welcome; exact number will be determined when registration closes on 1-Nov.
- g. Motion was made and seconded to approve the delegation.  
ACTION: George to submit names to IEC central office.

**B. Wind (Bob Sherwin)**

1. Status update

- a. OD-502 for project certification and OD-501 series for type certification are being revised.
- b. Dan Brake has resigned as End User SG convenor; Wally is interim convenor. We would like to nominate a new convenor from the US. Meeting scheduled for this Thursday.
- c. Big issue with power performance (measurements v. modelling).
- d. Big issues about capability for peer assessment and multiple locations for the same company.
- e. Site suitability standard (61400-15) is close to completion. Report on cybersecurity also expected by end of this year.
- f. Next meeting scheduled for May 2022 in conjunction with TC88. All are encouraged to keep up with new developments.

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

1. Status update

- a. Minimal participation; revising ODs to make them relevant to market needs. Present situation is not attractive to potential participants based on lack of demand for “standardized” certification. Bob believes this may change as projects get larger.

2. Request from Japan to change flat fee for CBs/IBs

- a. Concern that remaining participants will drop out
- b. Suggestion from PV SWG to revise the text in the OD, but no substantive changes in the actual fees.
- c. WG006 and Treasurer do not support a change.

3. PV Stakeholder Groups

- a. Two SGs (OEMs and End Users) have been established but haven’t started any work.
- b. No participants from US; George will issue a new call for participation.

**D. Marine (Gabe Alsenas)**

1. Status update

- a. No SWG meetings; WG360 has been focus of activities.

- b. First RETL approved (EMEC) and first test report issued to Verdant Power.
- c. ToR recently updated; working on requirements for acceptance of CBs and TLs. ODs being developed based on recently published TC114 standards.
- d. Coordination between TC114 and SWG is good.

**III. OTHER BUSINESS**

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

- 1. Review of 2021 financial status
  - a. Have collected 66% of this year’s invoices. ARESCA cashflow is on target so far (but Wally reminds us that we need the remaining members to pay invoices).
- 2. Planning for 2022 budget
  - a. Ongoing discussions with potential new members (BSEE, DOE, JMU, Clemson). Need participation from large owner/operators.
  - b. International budget will be developed this fall by WG006.
  - c. US budget will be circulated for approval in Q1. Fees are expected to remain the same.
  - d. Jonathan requests that a small amount be included for sponsorship of the 2022 IEC General Meeting in San Francisco. Bob expects that some money can also be obtained through corporate donations. Jonathan will provide supporting information for potential donors.
  - e. Motion was made and seconded to confirm USNC/IECRE financial support for the 2022 GM. No objections; Gabe will include in 2022 budget proposal.
  - f. Wally reiterated his concern that ARESCA cannot absorb costs if members don’t pay their dues. Gabe pointed out that this has not yet been the case.

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

Doc #	Title	US Voting Deadline
REMC/621/DV	Document for Vote: OD-310-2 Edition 1.0	22-Sep
REMC/622/DV	Document for Vote: To approve Australia as an IECRE Member Body	26-Sep

Doc #	Title	US Voting Deadline
REMC/625/DV	Document for Vote: To approve the updated Compilation of comments received on REMC/569/DC (Document for Comment: To comment on the Power Curve test Report Templates)	2-Oct
REMC/627/DV	To approve OD-554-1 Edition 1.0	14-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 submit names of US delegation to IEC central office.
2. George to issue a new call for participation in PV SGs.
3. Bob and Jonathan to look for corporate donations to support the 2022 General Meeting.
4. George to notify members who have missed three consecutive meetings that they have been placed on Observer status.

<b>2021 USNC/IECRE Meeting Schedule and Associated Meetings</b>		
Jan 2021	USNC/CAPCC-TMC-Council	Online
Spring 2021	TC 114 Marine Energy	Online
Spring 2021	ME WG Meetings	Online
Apr 2021	TC 88 Wind Energy	Online
Spring 2021	WE WG Meetings	Online
Spring 2021	TC 82 Solar PV	Online
Spring 2021	PV WG Meetings	Online
May 2021	USNC/CAPCC-TMC-Council	Online
Aug 2021	USNC/CAPCC-TMC-Council	Online
<b>Sep 2021</b>	<b>USNC/IECRE - Establish US position on REMC agenda items</b>	<b>Online</b>
Oct 2021	IEC General Meeting SMB/CAB/Council	Dubai, UAE
Nov 2021	REMC Annual Meeting	Online
<b>Dec 2021</b>	<b>USNC/IECRE - Delegate debrief from REMC; approve 2022 budget</b>	<b>Online</b>

<b>2022 USNC/IECRE Meeting Schedule and Associated Meetings</b>		
Jan 11-13, 2022	USNC/CAPCC-TMC-Council	Arlington, VA
Spring 2022	TC 114 Marine Energy	TBD
Spring 2022	ME WG Meetings	TBD
Spring 2022	TC 88 Wind Energy	TBD
Spring 2022	WE WG Meetings	TBD
Spring 2022	TC 82 Solar PV	TBD
Spring 2022	PV WG Meetings	TBD
May 17-19, 2022	USNC/CAPCC-TMC-Council	Fremont, CA
Sep 13-15, 2022	USNC/CAPCC-TMC-Council	Norwood, MA
<b>Sep 2022</b>	<b>USNC/IECRE - Establish US position on REMC agenda items</b>	<b>TBD</b>
Oct 2022	IEC General Meeting SMB/CAB/Council	San Francisco, CA
Nov 2022	REMC Annual Meeting	TBD
<b>Dec 2022</b>	<b>USNC/IECRE - Delegate debrief from REMC; approve 2023 budget</b>	<b>TBD</b>

**IV. ADJOURNMENT at 3:20pm**