



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

USNC/IECRE  
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## CONFIRMED MEETING MINUTES

**PLACE OF MEETING:** Conference Call

**DATE OF MEETING:** Friday, November 30, 2018  
4:00 PM – 5:00 PM (Eastern Time)

**PRESIDING OFFICER:** Bob Sherwin, Chair

### I. ADMINISTRATION

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

The Chair called the meeting to order at 4:00 PM. He thanked all those in attendance.

#### 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, 15-industry and 6-CBs/TLs. DNV has resigned from the committee since the last meeting.

At least a majority of the voting members need to 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.

**VOTING MEMBERS PRESENT:**

AIG Global Property .....Wally Ebner  
Bachman Electronic Corp.....Brian Hill  
Boulder Wind Consulting .....Sandy Butterfield  
EAPC Wind Energy Services.....Bob Sherwin  
EDP Renewables North America LLC .....Itai Suez  
GE Power & Water .....Toby Gillespie  
Intertek.....Anant Jain  
Mass CEC WTTTC.....Rahul Yarala  
McNiff Light Industry .....Brian McNiff  
National Renewable Energy Laboratory .....Jeroen van Dam  
NextEra Energy, Inc. ....Dan Brake  
Siemens Gamesa Renewable Energy .....Luis Carbonell  
SOH Wind Engineering .....Robert Stewart  
Verdant Power .....Jonathan Colby

**VOTING MEMBERS ABSENT:**

First Solar, Inc. ....Sumanth Lokanath  
Hogan Renewables .....Steve Hogan  
Oregon Applied Research .....Rick Williams  
Resolute Marine Energy, Inc. ....William Staby  
SNMREC .....Gabe Alsenas  
Underwriters Laboratories LLC.....Steven Margis

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

Sempra US Gas and Power .....Fausto Perez

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

Sunset Technology Inc. ....George Kelly

**Notes:**

\*\*\* OAR and Sempra voting status is now recorded as “Observer” because they have missed three or more consecutive meetings.

\*\* First Solar and UL have missed two consecutive meetings.

\* Hogan, Resolute and SNMREC have missed one meeting.

**D. Review/Approve Agenda (Chair)**

The Chair reviewed the agenda for the meeting, and it was approved with additional discussion of the Executive Group of the IECRE (see A.2).

**E. Acceptance of Previous Minutes**

The minutes of the October 2, 2018 meeting were circulated to members on October 3 for review and approval. Members were advised that if no comments were received October 17, the minutes would be automatically

approved. One correction was received, and the minutes were confirmed on October 17.

### III. FINANCE

#### A. **USNC/IECRE BUDGET** (Gabe Alsenas)

1. Proposals for 2019 budget and fee structure were not completed before the meeting
2. Membership is about the same as last year; expect one more RETL to join in Q1
3. Dues should be similar as 2018, with important addition of the “shortfall invoice” (18,900 CHF)
4. Will prepare budget cases for with or without extra invoice; need to confirm details for invoicing USNC members
5. Have only a couple of collections remaining from 2018

**ACTION:** Bob & Gabe to decide if another meeting is necessary before circulating budget for ballot

### II. SYSTEM AND SECTOR ACTIVITIES

#### A. **REMC** (Jonathan Colby)

1. Results of the REMC Meeting 12-13 Nov 2018 in Sanya, China
  - a. Did not have a quorum, so only “provisional” decisions were made (refer to DL and RM)
  - b. A few corrections to the minutes, but supported all decisions
2. Open issues – TLs in non-participating countries and TLs operating in participating countries without joining MB. Rules are not clear.

**ACTION:** ACTION ITEM: George, Brian, Bob & Jonathan to draft rule change we can submit for voting.

- a. US proposal to form Task Force on Budget & Structure was not accepted; Treasurer has resigned and WG006 is in confusion.  
Bob requested nominations from the US for both positions (Treasurer and WG convenor); Sandy suggested a preference for somebody from PV or ME
- b. German proposal regarding moving PV to IECEE was

presented but not discussed; will be discussed extensively during PV-OMC WG meetings in 2 weeks. Will also consider suggestion to move in opposite direction (PV modules into RE), and several other possibilities.

3. Additional item regarding Executive Group – presently defined in Basic Rules, JC proposes to include sector vice chairs, TC officers, and Finance WG convenors. This would create the overall structure that is needed to resolve the budget and structure issues. Could be done with a short ballot to allow meeting in late Jan or Feb as requested by REMC chair (SB).

**ACTION:** Jonathan to provide draft, officers to review and George to submit to Geneva by Tuesday.

4. Will keep this separate from the Danish proposal to redefine scope and duties of WG006.

**B. WE-OMC (Wally Ebner)**

1. Results of the WE-OMC Meeting 14-15 Nov 2018 in Sanya, China
  - a. There was a quorum (barely)
  - b. Uta Wolf has resigned as WG501 convenor
  - c. Chinese proposal to include 30K annual lump-sum option (for unlimited turbines and certificates) was accepted
  - d. Spanish proposal to adjust cut-off date for -22 conversions was also accepted. Additional proposal to extend date for conversions is presently out for ballot.
  - e. Four OEMs are still expected to convert about 20 certificates by the end of December. Timing of payment is a separate issue from completion of paperwork
  - f. Most major OEMs have now stated they will only use IECRE certificates in future. These are encouraging developments.
  - g. SG554 (Small Wind) has been re-started; to be led by Alistair MacKinnon
  - h. Adjusted language to confirm that peer assessors must come from previously assessed organizations if possible
  - i. Sandy noted that India has initiated requirement for certification and seem willing to accept IECRE. Bob expects Portugal may also join this year.
  - j. Next meeting is in Pretoria in May; Bob is concerned that this location is problematic because South Africa hasn't joined RE system. Will not select delegates until after CAPCC meeting in January

**C. PV-OMC (George Kelly)**

1. Preparation for PV-OMC WG Meetings 10-14 Dec 2018 in Frankfurt, Germany
  - a. Five WGs will meet at VDE facility (Rules, Certification, Promotion, Finance, Quality)
  - b. Sandy encourages involvement of OEMs; George suggests we need project developers and Independent engineers
  - c. Expectation is to list and compare alternatives in terms of cost/savings, organizational impact and CAB intervention
  - d. George to provide summary of discussions after meeting

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

1. Bob & Gabe to decide if another meeting is necessary before circulating budget for ballot
2. George, Brian, Bob & Jonathan to draft rule change we can submit for voting.
3. Jonathan to provide draft regarding Executive Group, officers to review and George to submit to Geneva by Tuesday.

**IV. MEETING SCHEDULE**

<b>2018 USNC/IECRE Meeting Schedule and Associated Meetings</b>		
23-25 Jan 2018	USNC/CAPCC-TMC-Council	RTP, North Carolina
<b>19 Feb 2018</b>	<b>USNC/IECRE - Establish US position on OMC agenda items</b>	<b>Conference Call</b>
19-23 Mar 2018	TC 114 Marine Energy	Seattle, WA
26-27 Mar 2018	ME-OMC Meetings	Seattle, WA
9-13 Apr 2018	PV-OMC Meetings	Shanghai, China
16-20 Apr 2018	TC 88 Wind Energy	Glasgow, Scotland
16-20 Apr 2018	WE-OMC Meetings	Glasgow, Scotland
1-3 May 2018	USNC/CAPCC-TMC-Council	Austin, TX
<b>24 Aug 2018</b>	<b>USNC/IECRE - Delegate debrief from OMC meetings; plan for 2019 budget</b>	<b>Conference Call</b>
11-13 Sep 2018	USNC/CAPCC-TMC-Council	Arlington, VA
<b>2-3 Oct 2018</b>	<b>USNC/IECRE - Establish US position on REMC and OMC agenda items</b>	<b>Juno Beach, FL</b>
14-19 Oct 2018	TC 82 Solar PV	Busan, Korea
15-26 Oct 2018	82nd IEC General Meeting SMB/CAB/Council	Busan, Korea
12-13 Nov 2018	REMC Annual Meeting	Sanya, China
14-15 Nov 2018	WE-OMC Meetings	Sanya, China
<b>30 Nov 2018</b>	<b>USNC/IECRE - Delegate debrief from REMC &amp; OMC; approve 2019 budget</b>	<b>Conference Call</b>
10-14 Dec 2018	PV-OMC Meetings	Frankfurt, Germany

<b>2019 USNC/IECRE Meeting Schedule and Associated Meetings</b>		
15-17 Jan 2019	USNC/CAPCC-TMC-Council	Charlotte, NC
<b>Mar 2019</b>	<b>USNC/IECRE - Establish US position on PV-OMC and WE-OMC agenda items</b>	<b>Conference Call</b>
n/a	TC 82 Solar PV	No plenary in 2019
1-5 Apr 2019	PV-OMC Meetings	Gathersburg, MD
8-12 Apr 2019	TC 114 Marine Energy	Delft, Netherlands
6-8 May 2019	TC 88 Wind Energy	Pretoria, South Africa
9-10 May 2019	WE-OMC Meetings	Pretoria, South Africa
<b>Jun 2019</b>	<b>USNC/IECRE - Delegate debrief of PV-OMC and WE-OMC; Establish US position on ME-OMC agenda items</b>	<b>Conference Call</b>
Jun 2019	USNC/CAPCC-TMC-Council	TBD
11-12 Sep 2019	ME-OMC Meetings	Geneva, Switzerland
<b>Sep 2019</b>	<b>USNC/IECRE - Delegate debrief of ME-OMC; Establish US position on REMC agenda items</b>	<b>Norwich, VT</b>
Sep 2019	USNC/CAPCC-TMC-Council	TBD
TBD	REMC Annual Meeting	TBD
<b>Nov 2019</b>	<b>USNC/IECRE - Delegate debrief of REMC; approve 2020 budget</b>	<b>Conference Call</b>

**V. ADJOURNMENT**

The meeting was adjourned at 5:20 PM