



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

USNC/IECRE
c/o ARESCA
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Norwich, VT 05505
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CONFIRMED MEETING MINUTES

PLACE OF MEETING: Conference Call

DATE OF MEETING: Thursday, December 7, 2017
10:30 – 11:30 AM (Eastern Time)

PRESIDING OFFICER: Bob Sherwin, Chair

I. ADMINISTRATION

A. Chair's Introductions & Announcements

The Chair called the meeting to order at 10:35 AM.

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 eighteen (18) voting members, 12-manufacturers, 5-CBs/TLs, and 1-General. 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.

Thirteen (13) voting members were present, constituting a quorum.

VOTING MEMBERS PRESENT:

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.....	Joseph Spossey, Anant Jain
McNiff Light Industry	Brian McNiff
NextEra Energy, Inc.	Dan Brake
National Renewable Energy Laboratory	Jeroen van Dam
Siemens Wind Power Americas	Luis Carbonell
SOH Wind Engineering	Robert Stewart
Underwriters Laboratories LLC.....	Ken Boyce, Steve Margis
Verdant Power	Jonathan Colby

VOTING MEMBERS ABSENT:

* AIG Global Property	Wally Ebner
* First Solar, Inc.	Sumanth Lokanath
* Leidos Maritime Solutions	Rick Williams
** Resolute Marine Energy, Inc.....	William Staby
* SNMREC.....	Gabe Alsenas

MEMBERS ABSENT 3 OR MORE CONSECUTIVE MEETINGS:

*** DEPCOM Power	Ray Immelman
*** DNV KEMA Renewables, Inc.	Luke Simmons
*** Iberdrola Renewables	Scott Winneguth
*** Sempra US Gas and Power	Fausto Perez

OTHERS PRESENT (NON-VOTING):

Sunset Technology Inc.	George Kelly
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Notes:

*** DEPCOM, Sempra, DNV and Iberdrola voting status is now recorded as "Observer" because they have missed three or more consecutive meetings.

** Resolute Marine has missed two consecutive meetings.

* AIG, First Solar, Leidos and SNMREC have missed one meeting (today).

D. Review/Approve Agenda (Chair)

The Chair reviewed the agenda for the meeting, and it was approved.

E. Acceptance of Previous Minutes

The minutes of the October 9, 2017 meeting were circulated to members on October 17 for review and approval. Members were advised that if no

comments were received November 1, the minutes would be automatically approved. No comments or corrections were received.

III. FINANCE

A. TREASURER'S REPORT (Gabe Alsenas)

1. Proposal for 2018 budget
 - a. Membership dues were raised \$300 per organization to offset ANSI CA system fee.
 - b. Failed to achieve quorum on 2 letter ballots.
 - c. Robert Stewart expressed concerns that IECRE is not yet functional and there is no demand for certificates. There is a lot more demand for MEASNET calibration reports instead of IECRE.
 - d. This is consistent with discussion in Feldkirch by both WE-OMC and REMC. Emphasis on promotion of system and generating revenue.
 - e. Wally Ebner has notified AIG clients that IECRE certification will be highly preferred if not required. Other stakeholders have been encouraged to issue similar statements.
 - f. Sandy reported on recent activities in WG004 (Promotion). Goal is to publish promotional materials, but funding not available until beginning of 2018. It is up to each participant to communicate the value proposition to clients and other stakeholders.
 - g. Test labs have made most progress, but CBs are catching up. OEMs and End Users have to agree that IECRE has value and is worth the cost. Ultimately End Users have to drive demand.
 - h. Test report template is seen as too difficult to implement and there are concerns about what data will be searchable in the IEC database. Suggestions that we emulate best practices from IECEE, and that fix rules so they achieve our needs. This was discussed in Feldkirch (refer to Decision 13/2017), but we do not feel it was resolved. The USNC should consider making a proposal to simplify things and encourage use of IECRE logo.

ACTION: Sandy, Jeroen & Bob to contact Eric Effern and discuss details. If no actions are already taken by WG506 and SG551 (due date

31-Dec), USNC will circulate proposal addressing documentation requirements prior to next WE-OMC meeting in Glasgow.

2. Ballot for 2018 budget

This is the last opportunity to approve the 2018 Budget & Fee Structure. Bob called for a vote. Sandy seconded. Vote was 13-0 in favor.

ACTION: George to notify CAPCC of approval of budget and fee structure.

II. SYSTEM AND SECTOR ACTIVITIES

A. REMC (Bob Sherwin)

1. Minutes of the WE-OMC Meeting 6-7 Nov 2017 in Feldkirch, Austria were distributed previously.
2. Sandy reviewed the highlights (promotion and finance). Late proposal from Denmark was discussed but no decisions were taken.
3. Discussions are ongoing in WG006, but progress is slow.
4. Steve Margis described funding of IECEE system. Difficult to relate directly. Revenue from non-members (surcharge fees) are significant, as well as sales of test report templates. Very small fees are charged for certificates, but volume is tens of thousands. Expenses are very similar to IECRE ("non-negotiable", but we should continue trying).

B. WE-OMC (Bob Sherwin)

1. Minutes of the WE-OMC Meeting 8-9 Nov 2017 in Feldkirch, Austria were distributed previously.

C. ACTION ITEM REVIEW (Bob Sherwin)

ACTION: Sandy, Jeroen & Bob to contact Eric Effern and discuss details. If no actions are already taken by WG506 and SG551 (due date 31-Dec), USNC will circulate proposal addressing documentation requirements prior to next WE-OMC meeting in Glasgow.

ACTION: George to notify CAPCC of approval of budget.

IV. MEETING SCHEDULE

2017 USNC/IECRE Meeting Schedule and Associated Meetings		
24-26 Jan 2017	USNC/CAPCC-TMC-Council	Fremont, CA
2 Feb 2017	USNC/IECRE - Establish US position on ME-OMC and WE-OMC agenda items	Conference Call
16-17 Mar 2017	TC 114 Marine Energy	Madrid, Spain
21-22 Mar 2017	ME-OMC Meetings	Madrid, Spain
3-4 Apr 2017	TC 88 Wind Energy	Boulder, CO
5-7 Apr 2017	WE-OMC Meetings	Boulder, CO
27 April 2017	USNC/IECRE - Delegate debrief from ME-OMC and WE-OMC; Establish US position on PV-OMC agenda items	Conference Call
18-19 May 2017	TC 82 Solar PV	Nara, Japan
6-8 Jun 2017	USNC/CAPCC-TMC-Council	Pittsburgh, PA
19-23 Jun 2017	PV-OMC Meetings	Budapest, Hungary
22-23 Aug 2017	USNC/IECRE - Delegate debrief from PV-OMC; Establish US position on REMC and WE-OMC agenda items	Boston, MA
12-14 Sep 2017	USNC/CAPCC-TMC-Council	Corning, NY
9 Oct 2017	USNC/IECRE - Establish US position on any additional REMC and WE- OMC agenda items; discuss 2018 budget	Conference Call
9-13 Oct 2017	81st IEC General Meeting SMB/CAB/Council	Vladivostok, Russia
6-7 Nov 2017	REMC Annual Meeting	Feldkirch, Austria
2-10 Nov 2017	WE-OMC and WG Meetings	Feldkirch, Austria
4-6 Dec 2017	PV-OMC WG Meetings	Madrid, Spain
7 Dec 2017	USNC/IECRE - Delegate debrief from REMC and WE-OMC; approve 2018 budget	Conference Call

ACTION: Bob & George to propose dates for monthly teleconferences to discuss promotional activities and 2019 budget.

2018 USNC/IECRE Meeting Schedule and Associated Meetings		
Jan 2018	USNC/IECRE – Discussion of promotion and finances	Conference Call
Jan 2018	USNC/CAPCC-TMC-Council	RTP, North Carolina
Feb 2018	USNC/IECRE - Establish US position on OMC agenda items	Conference Call
Mar 2018	USNC/IECRE – Discussion of promotion and finances	Conference Call
19-23 Mar 2018	TC 114 Marine Energy	Seattle, WA
26-27 Mar 2018	ME-OMC Meetings	Seattle, WA
Apr 2018	USNC/IECRE – Discussion of promotion and finances	Conference Call
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
May 2018	USNC/IECRE - Delegate debrief from ME-OMC, WE-OMC and PV-OMC	Conference Call
May 2018	USNC/CAPCC-TMC-Council	Austin, TX
Sep 2018	USNC/IECRE - Establish US position on REMC and OMC agenda items	Juno, FL?
Sep 2018	USNC/CAPCC-TMC-Council	Washington, DC
14-19 Oct 2018	TC 82 Solar PV	Busan, Korea
15-26 Oct 2018	82nd IEC General Meeting SMB/CAB/Council	Busan, Korea
Oct-Nov 2018	REMC Annual Meeting	Beijing, China?
Oct-Nov 2018	WE-OMC Meetings	Beijing, China?
Oct-Nov 2018	PV-OMC Meetings	TBD
Nov-Dec 2018	USNC/IECRE - Delegate debrief from REMC & OMC; approve 2019 budget	Conference Call

V. ADJOURNMENT