



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:** Monday, February 19, 2018  
11:00AM – 12:30 PM (Eastern Time)

**PRESIDING OFFICER:** Bob Sherwin, Chair

### **I. ADMINISTRATION**

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

The Chair was unavoidably delayed, so the secretary called the meeting to order at 11:10 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**

Since the last meeting, Avangrid (formerly Iberdrola) Renewables and Leidos Maritime Solutions have withdrawn from the USNC/IECRE. DEPCOM Power has not attended any meetings since Dec 2015 and is now removed from the roster.

It was noted that there are at least four potential new members who have expressed interest in joining USNC/IECRE during 2018.

Following these adjustments, the committee consists of seventeen (17) voting members (12 Industry and 5 CB/TL). 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 (organizations) were present, constituting a quorum.

**VOTING MEMBERS PRESENT:**

AIG Global Property .....	Wally Ebner
Boulder Wind Consulting .....	Sandy Butterfield
EAPC Wind Energy Services.....	Bob Sherwin
EDP Renewables North America LLC .....	Itai Suez
First Solar, Inc.....	Sumanth Lokanath
Intertek.....	Anant Jain
McNiff Light Industry .....	Brian McNiff
NextEra Energy, Inc.....	Dan Brake
Resolute Marine Energy, Inc. ....	William Staby
Siemens Wind Power Americas .....	Luis Carbonell
SNMREC .....	Gabe Alsenas
Underwriters Laboratories LLC.....	Ken Boyce, Steve Margis
Verdant Power .....	Jonathan Colby

**\* VOTING MEMBERS ABSENT:**

Bachman Electronic Corp. ....	Brian Hill
GE Power & Water .....	Toby Gillespie
National Renewable Energy Laboratory .....	Jeroen van Dam
SOH Wind Engineering.....	Robert Stewart

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

DNV KEMA Renewables, Inc. ....	Luke Simmons
Sempra US Gas and Power .....	Fausto Perez

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

Hogan Renewables Consulting .....	Steve Hogan
Oregon Applied Research .....	Rick Williams
Sunset Technology Inc. ....	George Kelly

**Notes:**

\* This was the first missed meeting for each member.

\*\* Voting status is now recorded as "Observer" due to lack of attendance.

**D. Review/Approve Agenda**

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

**E. Acceptance of Previous Minutes**

The minutes of the December 7, 2017 meeting were circulated to members on December 7 for review and approval. Members were advised that if no comments were received November 1, the minutes would be automatically approved. One correction was received, and the minutes were confirmed on December 21.

**F. Election of USNC/IECRE Treasurer**

Gabriel Alsenas (SNMREC) was elected for a second 3-year term beginning 28-Feb-2018. (Refer to US/RE/07/DV)

**III. FINANCE**

**A. IECRE BUDGET**

1. Proposal for resolving 2017 budget shortfall

REMC/228/INF was distributed 16-Feb describing the plan to invoice the Member Bodies for the shortfall. The US share would be 18,900 CHF. The following bullet points were generated in a brainstorm last week. They were further discussed and revised during this meeting.

**Attachment:** USNC\_IECRE Finance Proposal 19feb18.pdf

**ACTION:** Following final review by the committee officers, the secretary will submit the attachment as an agenda item for the WE-OMC meeting in Glasgow.

**II. SYSTEM AND SECTOR ACTIVITIES**

**A. ME-OMC**

1. Approved the following delegates for the ME-OMC Meeting 26-27 Mar 2018 in Seattle, WA
  - a. Gabe Alsenas (HoD), Rick Williams, Bill Staby
  - b. Jonathan Colby will also attend as OMC Chair; Sandy Butterfield will attend as REMC Chair.
2. No votes expected; lots of work in progress on ODs.

**B. PV-OMC**

1. Approved the following delegates for the PV-OMC Meeting 9-13 Apr 2018 in Shanghai, China
  - a. Sumanth Lokanath (HoD)
  - b. George Kelly will also attend as TC82 Secretary
2. Site inspection demonstration program to be kicked off at NREL workshop next week; SEIA issued call for participants last week.

**C. WE-OMC**

1. Approved delegates (pending travel approval) for the WE-OMC Meeting 16-20 Apr 2018 in Glasgow, Scotland
  - a. Bob Sherwin HoD; Brian McNiff, Dan Brake
  - b. Sandy REMC; Jeroen TC88 Chair; Wally SG leader
2. Open ballot for CSH 003; not clear what is covered and whether -22 can still be used. Some recommend that US should vote negative, but seems like we should just ask for clarification. List is different from previous version and it is unclear what inspections are required or permitted.
  - a. Brian McNiff to review and provide recommendations.
  - b. USNC voting deadline is 24-Feb. Would have time for another ballot before IEC deadline 23-Mar.
3. There is a second document about -22 certificates which has been circulated to WG/SG leaders (but not yet for voting).
  - a. It was agreed that the intent must be clarified before we can form a position.

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

1. GK to prepare list of bullets as USNC input to Sandy & WG 006. Officers to review prior to submission.

#### **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
<b>May 2018</b>	<b>USNC/IECRE - Delegate debrief from ME-OMC, WE-OMC and PV-OMC</b>	<b>Conference Call</b>
1-3 May 2018	USNC/CAPCC-TMC-Council	Austin, TX
<b>Sep 2018</b>	<b>USNC/IECRE - Establish US position on REMC and OMC agenda items</b>	<b>Juno, FL</b>
11-13 Sep 2018	USNC/CAPCC-TMC-Council	Arlington, VA
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	Sanha, China
Oct-Nov 2018	WE-OMC Meetings	Sanha, China
Oct-Nov 2018	PV-OMC Meetings	TBD
<b>Nov-Dec 2018</b>	<b>USNC/IECRE - Delegate debrief from REMC &amp; OMC; approve 2019 budget</b>	<b>Conference Call</b>

#### **V. ADJOURNMENT**