



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

USNC/IECRE
c/o NEMA
1300 North 17th St., Suite 900
Rosslyn, VA 22209
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MINUTES

MEETING: USNC/IECRE

PLACE OF MEETING: Conference Call

DATE: 29 November 2016

VOTING MEMBERS PRESENT:

AIG Global Property	Wally Ebner
Bachman Electronic Corp.	Brian Hill
EAPC Wind Energy Services	Bob Sherwin
First Solar, Inc.	Sumanth Lokanath
.....	Rob Cornell
Iberdrola Renewables.....	Norman (Scott) Winneguth
McNiff Light Industry	Brian McNiff
NextEra Energy, Inc.	Dan Brake
NREL	Sarah Kurtz
Resolute Marine Energy, Inc.	William Staby
SNMREC	Gabe Alsenas
SOH Wind Engineering	Robert Stewart
Sunset Technology Inc.	George Kelly
UL LLC	Kenneth Boyce
Verdant Power	Jonathan Colby

VOTING MEMBERS ABSENT:

AWS Truepower, LLC.....	Dan Bernadett
Intertek.....	Joseph Spossey
Leidos Maritime Solutions	Rick Williams
Sempra US Gas and Power	Ted Reguly

MEMBERS ABSENT 3 OR MORE CONSECUTIVE MEETINGS:

Boulder Wind Consulting	Sandy Butterfield
DEPCOM Power.....	Ray Immelman
DNV KEMA Renewables, Inc.	Mark Young
EDP Renewables North America LLC	Jaimeet (Jay) Gulati
GE Power & Water	Toby Gillespie

Siemens Wind Power AmericasLuis Carbonell

OTHERS PRESENT:

Joel Solis IECRE Secretary

PRESIDING OFFICER: **George Kelly, Chair**

I. ADMINISTRATION

A. Chair's Introductions & Announcements

Chairman George Kelly called the meeting to order at approximately 11:00 AM, ET, welcoming members and guest.

B. Review of Antitrust & Meeting Guidelines

Provide a brief overview of NEMA's antitrust and meeting guidelines.

Secretary Joel Solis provided a brief overview of the antitrust and meeting guidelines.

C. Quorum Determination and Roster Review

The committee consists of twenty four (24) dues paying members (16-industry, 7-CBs/TLs, 1-General) and one non-dues paying Resource Expert. 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.

ACTION: To determine the presence of a quorum.

Of the eighteen (18) voting members, fifteen (15) were present constituting a quorum to conduct business.

Note: The following six (6) members voting status is currently recorded as “Observer” having missed three or more consecutive meetings: Boulder Wind Consulting, DEPCOM Power, DNV KEMA Renewables, EDP Renewables North America, GE Power & Water, and Siemens Wind Power Americas. Sempra US Gas and Power has missed two consecutive meetings and will be moved to Observe status if not in attendance at the next scheduled meeting.

Since the last meeting, Urban Green Energy and Small Wind Certification

Council have decided to not renew their membership for 2016. EDF Renewable Energy elected to withdraw its membership on 11/10/2016. Gonzalo Stabile reports having been relocate to France where he intends to continue his involvement in IECRE as part of the French Member Body.

Kenneth Boyce-UL and Dan Bernadett-AWS Truepower reported UL having recently acquired AWS Truepower. During the meeting, there was uncertainty whether AWS Truepower would renew membership in 2017. By correspondence, Mr. Bernadett reported that AWS Truepower would not be pursuing separate participation in the USNC/IECRE in 2017.

D. Review/Approve Agenda

After a brief discussion, the agenda was approved as circulated.

E. Acceptance of Previous Minutes

The minutes of the August 24-25, 2016 meeting were circulated to members on September 13, 2016 for review and approval. Members were advised that if no comments were received by October 13, 2016, the minutes would be automatically approved.

ACTION: To note approval of the August meeting minutes.



2016Aug24-25_USN
C IECRE MtgMin(Final)

Discussion: It was noted that the minutes of the August 24-25, 2016 meeting were approved.

F. TREASURER'S REPORT

1. 2016 Financial Status



USNC-IECRE 2016
Financial Report(SEP)

Discussion: The Treasurer reported that up-to-date financials had not been provided by NEMA after multiple requests..

Note: A negative 2016 end of year fund balance is anticipated to be between \$8-\$10K. The negative balance is due to incurred expenses associated with merchant fees and voided membership dues of \$10,660.40; a greater negative beginning of year fund balance of \$2,520.13 that was anticipate; and a shortfall of \$4,090.00 in membership dues collection. This information was not provided to the USNC/IECRE during the teleconference.

2. 2017 Proposed Budget

ACTION: To approve the 2017 USNC/IECRE budget & fee schedule.

Note: Approval is to be decided by a two-thirds majority of the members present and voting at a duly constituted meeting.

Not on file.

Discussion: Treasurer Gabe Alsenas reported that on November 17, 2016, Chairman Kelly had circulated to members the Treasurer's proposed USNC/IECRE budget and fee schedule for 2017. Jonathan Colby asked for the budget and fee schedule to be displayed. The Secretary reported that it had not been provided or coordinated with the Secretariat. However, it was later confirmed that Chairman Kelly had provided a copy to the Secretary. Treasurer Alsenas then proceeded to explain that the overall budget is lower than last year and that the dues structure was reduced accordingly. The decrease for CBTs is 17% and the decrease to users is 19%. The budget reflects an anticipated increase in 2017 membership, going from 24 to 32 members. Should that not materialize, the budget would be able to absorb a \$11,000 deficit. Regarding an anticipated fee to ANSI Dues for USNC/CAPCC participation, the Treasurer noted that the fee would not be assessed in 2017. He then explained that 2017 membership dues invoices would be sent to members in early January. He then noted that the committee was getting closer to having a stable annual dues structure and expects to see certificate fees being paid to the IECRE. A motion was made by Treasurer Alsenas, seconded by Bill Staby and

VOTED: To approve the 2017 Budget & Fee Structure. (15, 0, 0)



2017_USNC_IECRE_
Budget&FeeStructure

II. SECTOR ACTIVITIES (OMC LEVEL)

A. REMC

1. **REMC/090/RM** - Results of the REMC Meeting October 24-25, 2016 in Juno Beach, Florida

ACTION: For discussion.

Discussion: Chairman Kelly noted that Peer assessment of CBs/TLs has started and that the first certificate was issued by DNV GL to Vestas, a Danish wind turbine company.

2. **REMC/091/DV** - Approval of Astrom Technical Advisors S.L.who has applied for RECB & REIB status (PV-OMC/066/DFA)

ACTION: To approve REMC/091/DV

Note: Ballot is to be returned to the IECRE Secretariat by 1/2/2017.

Discussion: Chairman Kelly noted that the PV-OMC/066/DFA had been approved by PV-OMC. A motion was made by Sumanth Lokanath, seconded by Bob Staby, and

VOTED: To approve REMC/091/DV without comment.

Note: Vote submitted on 12/2/2016.

3. **REMC/092/DV** - Ratification of DEWI-OCC and DNV GL as RECBs within the IECRE System (WE-OMC/080/DFA)

ACTION: To approve REMC/092/DV.

Note: Ballot is to be returned to the IECRE Secretariat by 1/2/2017.

Discussion: Chairman Kelly noted that WE-OMC approved of REMC/092/DV. Bob Sherwin noted that he believes both RECBs to be qualified. A motion was made by Kenneth Boyce, seconded by Bob Staby, and

VOTED: To approve REMC/092/DV without comment.

Note: Vote submitted on 12/2/2016.

4. **REMC/093/DV** - Ratification of Deutsche WindGuard Wind Tunnel Services GmbH and Deutsche WindGuard Consulting GmbH as RETLs within the IECRE System (WE-OMC/083/DFA)

ACTION: To approve REMC/093/DV.

Note: Ballot is to be returned to the IECRE Secretariat by 1/2/2017.

Discussion: Vice Chairman Sherwin recommended the committee approve REMC/093/DV. Kenneth Boyce noted that UL had commented on the approval of WE-OMC/0833/DFA asking for further discussion on how a calibration laboratory would fit within an RETL model, specifically whether Wind Tunnel Services would be recognized as RETLs and whether there would be a fee associated with the issuance of calibration certificates. The Vice Chairman responded that the UL comment was addressed as a clarification point and agreed that calibration certificate would be an output of

the IECRE. The rationale is that the issuance of a calibration certificate should be treated as a product that comes out of the laboratory and that anemometer calibration is a critical task that should only be performed by RETLs. A motion was made by Vice Chairman Sherwin, seconded by Bob Stewart, and

VOTED: To approve REMC/093/DV without comment.

Note: Vote submitted on 12/2/2016.

5. **REMC/094/DV** - Proposal of the German Member Body of IECRE: Modification of the number of delegates per Member Body in attendance at REMC meetings

ACTION: To approve REMC/094/DV.

Note: Ballot is to be returned to the IECRE Secretariat by 1/3/2017.

Discussion: Vice Chairman Sherwin reported his support for German proposal REMC/094/DV, noting that the intent is to provide Member Bodies participating in each of the IECRE sectors the ability to send delegations to IECRE meetings that may comprise a representative from each sector interest. Jonathan Colby argued against supporting REMC/094/DV, noting that hosting countries, in planning for the meeting, would have to be prepared to accommodate at least four delegates from each member body. This would require a larger meeting space, increase the cost to the hosting country and likely limit the number of countries able to host future meetings. A motion was made by Brian Hill, seconded by Jonathan Colby, and

VOTED: To submit a negative vote on REMC/094/DV.
(11, 2, 1)

Note: Vote submitted on 12/2/2016.

B. PV-OMC

1. Results of the PV-OMC Meeting October 25-26, 2016 in Juno Beach, Florida (PV-OMC/075/RM)

ACTION: For discussion.

Discussion: Chairman Kelly reported the PV-OMC had approved eight Operational Documents allowing for the issuance of eight types of certificates. The next step is to market the various certificates. Sarah Kurtz noted the need to understand the

mechanics of how to apply for the certificates being offered as a needed first step before publicizing the services.

2. **PV-OMC/077/DV** - Approval of fee structure for PV related certificates

ACTION: To approve PV-OMC/077/DV.

Discussion: Chairman Kelly reported that the PV-OMC fee structure is a best guess estimate based on numbers provided by WG 404. He then provided a range of prices. A motion was made by Chairman Kelly, seconded by Sumanth Lokanath, and

VOTED: To approve PV-OMC/077/DV without comment.
(11, 0, 4)

Note: Vote submitted on 12/2/2016.

C. **WE-OMC**

1. **WE-OMC/095/RM** - Results of the WE-OMC Meeting October 27-28, 2016 in Juno Beach, Florida



we-omc095rm.pdf

Meeting Minutes (attachment)

ACTION: For discussion.

Discussion: Vice Chairman Sherwin reported that a significant item discussed at the WE-OMC meeting was the activity regarding the End User Working Group (WG505), Chaired by Dan Brake. WG505 is looking into the issuance of partial certificates for energy assessments, pinning down OEMs regarding their certificate needs and looking into concerns with the budget and how it will play out. Dan Brake clarified that the IEC standards for the wind industry have been focused on project certificates which are not as useful for the markets as previously thought and will be looking to change those standards to fit market needs. Another concern was the need to address amendments to issued certificates in order to satisfy user needs, identifying the problem to be with the manufacturer and certificate issuer. Vice Chairman Sherwin concluded that the industry is on target for the July OD transition. Wallace Ebner noted the need to revisit the standard pricing model being used for the transition.

2. WE-OMC/097A/DV and WE-OMC/098/IAR - BARLOVENTO RECURSOS NATURALES, S.L.

Members were informed on 2016-11-15 that the following documents, which have been published in the IECRE website, would be considered for approval at this meeting. WE-OMC Decision 23/2016 that was taken at Juno Beach on 2016-10-27 & 28, which states that 'The WE-OMC agreed with the Spanish proposal to apply a 1 month voting deadline for approval of subsequent RETL assessment reports'. The committee is requested to return its vote to the IECRE Secretariat by 2016-12-14 at the latest.

[WE-OMC/097A/DV](#): To approve BARLOVENTO RECURSOS NATURALES, S.L. as an RETL for Power Performance within the IECRE System

[WE-OMC/098/IAR](#): Testing Laboratory assessment report for Barlovento Recursos Naturales S.L.

ACTION: To approve Barlovento as RETL for Wind.

Discussion: A motion was made by Vice Chairman Sherwin, seconded by Chairman George Kelly, and

VOTED: To approve WE-OMC/097A/DV. (10, 0, 4)

Note: Vote submitted on 12/5/2016.

3. WE-OMC/99/DV - TÜV NORD CERT (WE-OMC/100/IAR)

The IECRE Executive Secretary recommends approval of TÜV NORD CERT GmbH as RECB within the IECRE System, see assessment report (WE-OMC/100/IAR). If approved by the WE-OMC Member Bodies, and as per the rules, the REMC will be requested to ratify the decision. However, the RECB may begin operating as an accepted IECRE certification body (RECB), up to and including the issuance of IECRE Certificates for Type Certification.

Approval is to be decided by a simple majority voting provided that not less than half the members vote.

ACTION: To approve WE-OMC/099/DV

Discussion: A motion was made by Jonathan Colby, seconded by Vice Chairman Sherwin, and

VOTED: To approve WE-OMC/099/DV. (9, 0, 5)

Note: A letter ballot was issued to members on November 22 with a close date of December 14th. As a consequence of this vote, the letter ballot was withdrawn on December 5, 2016 and the voting members were notified of the action. Approval of WE-OMC/099/DV was submitted to IECRE Secretariat on 12/5/2016.

III. OTHER BUSINESS

A. Transition of USNC/IECRE Secretariat

Discussion: Chairman Kelly recalled that at the August meeting, the USNC had received a nomination from ARESCA (American Renewable Energy Standards and Certification Association) for the assignment of USNC/IECRE Secretariat. On August 26, 2016, ANSI released an announcement in Standards Action of NEMA's intent to relinquish the assignment as USNC/IECRE Secretariat. No additional nominations were received following the September 17, 2016 deadline and subsequently the USNC/CAPCC was balloted to endorse ARESCA for appointment of US Secretariat of USNC/IECRE. The report of voting shows that USNC/CAPCC having endorsed the appointment. He then explained that according to USNC/IECRE Rules of Procedures, Section 5.4, Voting Requirements, the committee is required to take a formal vote to designate ARESCA for appointment as US Secretariat of USNC/IECRE. Approval is to be decided by a two-thirds majority of the members present and voting at a duly constituted meeting. A motion was made by Jonathan Colby, seconded by Bill Staby, and

VOTED: To designate ARESCA for appointment of US Secretariat of USNC/IECRE, beginning January 1, 2017. (15, 0, 0)

Chairman Kelly reported that he would resign as Chairman effective January 1, 2017 in order to accept an appointment by ARESCA to serve as the committee Secretary. Pending an election to fill the position of Chair, Vice Chairman Bob Sherwin accepted serving as interim Chair Pro Tem beginning January 1, 2017.

B. ACTION ITEM REVIEW

1. **ACTION:** For the Treasurer to present a 2017 budget using the 2016 Budget & Fee Schedule as a baseline with the expectation of reducing overall Secretariat expenses by \$12,000 - \$15,000 and to factor building up reserve funds to cover the cost associated with dissolving the committee.

Discussion: Chairman Kelly closed this action, noting that a 2017 Budget & Fee Schedule had been presented to and approved by the committee, see item I, F.2.

2. **ACTION:** For the Secretary to provide the Treasurer an updated financial report around October 15, 2016.

Discussion: The Secretary reported this item closed, noting that Treasurer was provided an updated financial report and was placed on today's agenda for discussion, see item I, F.1.

3. **ACTION:** Chairman Kelly agreed to review the committee's membership due structure in order to address adding a new voting representative and will call on Intertek to confirm whether Joseph Spossey is replacing Troy Hewitt.

Discussion: The Secretary reported having contacted Troy Hewitt and confirming that Joseph Spossey is the voting representative. After a brief discussion, it was decided to close this item.

4. **ACTION:** For the Chairman to submit an agenda item for REMC to provide weekly list of released documents and have it submitted prior to the deadline for agenda item submission.

Discussion: Chairman Kelly reported that he would take up this action item with the IECRE Central Office and recommend that this item remained open.

5. **ACTION:** For Jonathan Colby to develop a proposal to revise the USNC/IECRE Operating Procedures to address circulation, voting and commenting on IECRE related documents.

Discussion: Jonathan Colby reported this item is to remain open.

C. USNC/CAPCC REPORT

Discussion: It was noted that the next USNC/CAPCC meeting has been scheduled for January 24-25, 2017 at UL Office in Fremont, CA. Jonathan Colby reported his availability to attend the meeting and present the committee's report. He agreed to revise the CAPCC report and coordinate it with the Vice Chair and Treasurer.

D. ME-OMC/046/DV – ME-OMC Business Plan for 2018-2022

ME-OMC Member Bodies are requested to approve the ME-OMC Five Year Business Plan for 2018-2022. Ballots are to be returned to the IECRE Secretariat no later than 2017-01-24. Comments, if any, will be considered by WG 306 for future revision of the business plan.

ACTION: Approve ME-OMC/046/DV.

Discussion: Bill Staby, Convenor of ME-OMC WG 306, Finance, reported that the development of the business plan was late for internal review but is being balloted to member bodies for approval. He noted no concerns with the business plan. A motion was made by Bill Staby, seconded by Jonathan Colby, and

VOTED: To approve ME-OMC/046/DV.

Note: Vote submitted on 12/5/2016.

IV. MEETING SCHEDULE

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 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
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 - Establish US position on REMC and OMC agenda items	Boston, MA
12-14 Sep 2017	USNC/CAPCC-TMC-Council	Corning, NY
9-13 Oct 2017	81st IEC General Meeting SMC/CAB/Council	Vladivostok, Russia
6-7 Nov 2017	2017 REMC Annual Meeting,	Feldkirch, Austria
7-8 Nov 2017	IECRE PV-OMC Meeting	Feldkirch, Austria
9-10 Nov 2017	IECRE WE-OMC Meeting	Feldkirch, Austria
Late Nov 2017	USNC/IECRE - Delegate debrief of REMC & OMC; approve 2018 budget	Conference Call

V. ADJOURNMENT

The meeting adjourned at 1:00 pm on November 29, 2016.