

**Electric Machinery Committee**  
**Long Range Planning Meeting**  
**2016-July 17**

Kiruba started off the meeting. Typically, this has been a free-flowing meeting. Nils would like to see some minutes – and the group agreed. Actions are highlighted in bold text throughout the document.

Start with introductions:

Kiruba – Chair University of Illinois Urbana Cham. Taking over from Kevin Mayor this year. Kevin cannot be here this year.

Gayland Bloethe – Sargeant & Lundy

John Yagielski – GE Taking over as secretary of EMC

Nils Nilsson – Lanier Consulting

Osama Mohammed – Was chair many years ago. Honorary chair for upcoming IEMDC in May 2017. In Beacon D from 5 to 7 PM tomorrow evening there is an organizing committee meeting for the IEMDC. They will be using a good conference management tool. PES is a sponsor. Not just the motor subcommittee. Bob Fahimi is the steering committee chair.

Masahide Oshima

Juan Castanede from Neyak

Normally the officers rotate every 2 years. John Y was to be secretary, but was not able, due to a conflict as the Generator Subcommittee chair. Jim was elected as secretary for one year.

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Kiruba: How do we make folks know that we are relevant? We need to do a better job of selling what we do! Every committee needs to name a “Marketing Coordinator”. PES will contact this person every two months for items that PES can highlight. They would like to hear from us at least twice per year. Question: What is the implication of we don’t? They said, don’t think too big. If we just deal with one standard, just highlight that.

O.M. suggests: We could write something on the advanced topics for electrical machines. Another good one would be the cyber issue. That would apply for our controls. Can we identify some sort of a link? Maybe this could come through the motor subcommittee. **OM will look for someone who may be able to address this.** Also maybe machinery for Naval applications or for Airplanes. He noted that Phil Krine is heading the electrification community and he might be able to provide some things. **O.M. will work on something for this subject.**

Gayland: The grid code impact may be a good subject for this sort of publication as well.

Nils Nilsson (NN): There has been some interaction between the plenary session presentations and the grid code task force. NN: This time next year we should have a committee report on the Grid Code Interaction. This will be like a white paper. The paper would go into the PES resource Center. **John Yagielski (JY) will write something regarding the Grid Code Task Force.**

**Jim Lau (JL) will write one for the Material Subcommittee.**

The chair of each committee is by default the "Marketing Coordinator" The chair can appoint someone, so Kiruba is looking for folks who are willing to take this over.

GB (Gayland Bloethe): Suggests that we need more dialog between EPRI and IEEE. The utilities tend to see EPRI as their thing. Can JY brainstorm something in the Gen Subcommittee ?

**JL will talk with Jan Stein regarding EPRI / IEEE dialog.** Can we get them to come here to report? Can we go there? What broader things can we do to interact. Can EPRI work on publishing at the IEEE General Meeting ? There was a larger experience with retaining ring arcing in Australia than in the rest of the world. They did a study with U of I and the study showed make & break arcing due to vibration with high negative sequence. This will be published in a journal of transaction in industry applications. IAS in a special issue on faults.

Kiruba: How do we improve inclusion of global members? Can we have satellite meetings in other forums? The IEEE seems to be more North American. WG's are often working online. People need to hear about our work before they can start to participate. This leads to IEMDC. We may wish to have an update of what is EMC at the IEMDC. Perhaps we could have an EMC at IEMDC? IEMDC is not just motors. If we want to have a meeting, we should have some sort of subject to discuss.

Folks noted that meetings of these organizations are expensive; therefore, having additional meetings is difficult. IEMDC has a lot of participation from foreign countries. Maybe rather than a meeting, we could have a booth. Could there be a working group who might want to meet there?? **JL will ask Izzy, and within 62.2. JY; JL should ask other WG chairs ask if they would like to meet at IEMDC.** It would be preferred to have an informational meeting. GB: suggested trying to get the JTC to meet at IEMDC.

IEMDC has 50 topic chairs. There could be 3-5 sessions on synchronous machines. Panels are associated with an Explorer publication according to IEMDC by-laws. There are plenary presentations.

NN: Tech Council – Any officer or incoming officer is invited to go. Tuesday 8:00 AM Hampton.

NN: New Topic – There is a problem. There is not a good way of communicating the officers, as these had historically been documented in the organization manual. He suggested that every three months there should be an issuance to all the officers with titles/numbers/emails. It may be hard to put the names and numbers on the web. First we need to gather the information and put it out in email. Ultimately it may be a solution to use Collabratec.

NN: 2 - Nils is a tech editor for the PETSJ, Scott Sunoff and Jim Michalec are also involved. There is a concern on the part of IEEE on where these papers are coming from. Should we have a meeting at the EMC that would bring together the editors of PETSJ and other journals ? Manufacturers are not writing papers anymore.

NN: 3 – Materials subcommittee – Only one or two come to PES. How can we bring them in closer? Could they have something to bring it in closer such as a WG meeting.

Malia Zaman came in and introduced herself.

One final thing: Malia volunteered to give a tutorial introduction. Editors, Nescom and Revcom folks will be available over the next few days.

MyProject (used for SA communications) will be revamped. We expect a new version to be available before the end of the year. There will be video and webinar training available.

EMC Agenda – **Add something for next year to allow some orientation for standards.**