

PSMA Magnetism Committee

Minutes, February 14, 2013

We planned for the meeting at APEC.

Fred Weber is working on a survey, so suggestions for survey questions are needed. If you cannot attend the meeting at APEC, please send your suggestions to Fred in advance. fred.weber@FTWLLC.net

Please also consider suggestions for books to reprint.

Please also consider suggestions for an Industry Session for APEC 2014. A suggestion has been put forward by Matt Wilkowski. Matt was not on the call in, but earlier he suggested a theme of "Transformers, Chip-Scale to Utility Scale." The design challenges for transformers of different size and for different uses will be contrasted and compared.

We discussed the Phase III core loss study at Dartmouth. It did not go well. Attached is a copy of my report to the PSMA Board of Directors on February 15, 2013. The report summarizes our discussion, so it is not repeated here.

I hope that there will be a resolution of Phase III before the APEC meeting. Regardless, we will discuss whether we should undertake future phases. I think that the core loss study may have outgrown PSMA and Dartmouth, so we could consider the example of the PSoC project, and look for outside help and corporate sponsorship.

For anyone who is interested in ac core losses, the ETTC meeting starts at the same time as our meeting at APEC but continues for another two hours. Ac core loss testing will be discussed starting at 10:00 am. I expect that some of the conclusions of the Dartmouth core loss studies will be discussed.

The next meeting will be Tuesday, March 19, 2013, 8:00 a.m. - 10:00 a.m., Hyatt Regency B at APEC in Long Beach CA.

Respectfully submitted,

Edward Herbert
Co-chairman.

