

## IEEE Standards Coordinating Committee (SCC) 21

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### Brief Synopsis of Presentation:

#### **Tom Basso (NREL): IEEE Standards Coordinating Committee (SCC) 21**

“Making Connections” is a report from NREL that identified technical, business practices, and regulatory barriers to interconnection that need to be addressed, including adopting uniform technical standards.

The electrical interconnection standard under development for fuel cells and other distributed generation equipment at the sub-transmission level and below is IEEE P1547, and draft 10 will go to ballot this summer. The intent of 1547 is to establish a consensus standard that provides the minimum functional technical requirements that are universally needed for interconnection. It was recognized there was a critical need to prevent having to “negotiate” each installation to conform to numerous local practices and guidelines.

The P1547 standard is not a design handbook, nor guide, nor a “how to/procedure” document; the following interconnection documents are also under development by SCC21 work groups:

- P1589 Conformance Test Procedures
- P1608 Application Guide
- P1614 Monitoring Guide for Information and Control

The efforts of Tom Basso and Richard DeBlasio on P1547 are supported by the NREL Distributed Power Program.