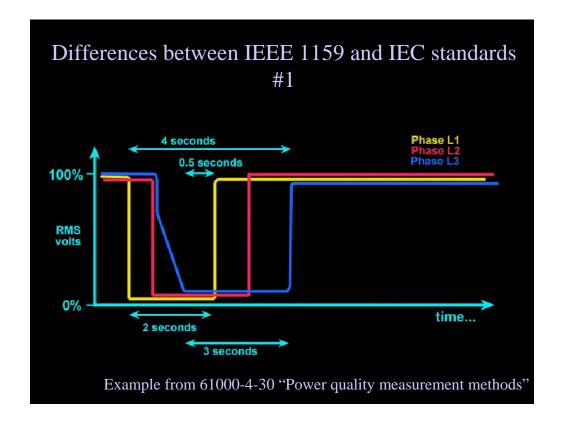
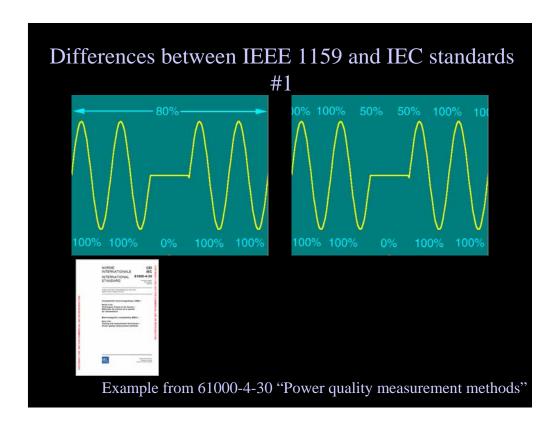


Differences between IEEE 1159 and IEC standards #1

IEEE 1159 – informative, tutorial, instructive

IEC 61000 series – "Thou shalt..."





Differences between IEEE 1159 and IEC standards #2

IEEE 1159 – Developed by volunteers.

IEC 61000 series – Developed by assigned national "experts"

Differences between IEEE 1159 and IEC standards #3

IEEE 1159 – Approved by consensus.

IEC 61000 series – Approved by nation voting.

Differences between IEEE 1159 and IEC standards #4

IEEE 1159 – Not enforced – just informative.

IEC 61000 series – Adopted and enforced as national standards – force of law. Very careful drafting!

Summary – IEEE 1159 and IEC 61000 series

Similarities

- Cover power quality
- Agree on compatibility
- Agree on basic concepts
- Agree on terminology



Differences

- Tutorial vs "thou shalt"
- Volunteer vs appointed experts
- Consensus vs national voting
- Informative vs enforced



Thanks

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