DATE: 9th Feb, 2015
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REQUESTED REVISION:
STANDARD: 802.3-2012
CLAUSE NUMBER: 33
CLAUSE TITLE: Data Terminal Equipment (DTE) Power via Media Dependent Interface (MDI)

PROPOSED REVISION TEXT:
Change: The Power Interface (PI) is the generic term that refers to the mechanical and electrical interface between the PSE or PD and the transmission medium.
To: The Power Interface (PI) is the mechanical and electrical interface between the Power Sourcing Equipment (PSE) or Powered Device (PD) and the transmission medium as defined in 1.4.324 (1.4.336 in P802.3bx/D2.0). In an Endpoint PSE and in a PD the Power Interface is the MDI as defined in 1.4.256 (1.4.268 in P802.3bx/D2.0)

RATIONALE FOR REVISION:
Text in the existing standard is ambiguous and is inconsistent with the more precise definition in the definitions section. The imprecise language “generic term” does not point to a specific interface point necessary for the specifications attached to the PI, including a pin-out. In contrast the language in the definitions section is more precise.

IMPACT ON EXISTING NETWORKS:
None.