

# IEEE Power Electronics Society Standards Committee

Status report for the PELS AdCom

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# Current Status and Activities

- ◆ Meeting tomorrow morning 9:30am (Cherokee)
- ◆ ETTC meeting tomorrow 8:30am
- ◆ Policy & Procedures [Document](#) to form Power Electronics Standards Committee (PELSC)
  - Still under review
- ◆ Organization
  - PELSC will begin as a board with reps from each Technical Committee
  - Eventually, PELSC will morph to be comprised of WG chairs as standards activities progress

# Current Status and Activities

## ◆ Reviewing ongoing standards efforts in PELS

- For example, we have 9 standards about to be withdrawn because of the 5-year cycle –  
**DEADLINE for Action Dec. 31, 2006**

## ◆ Recruiting Update

- Series of Messages from PELSC Chair
  - ◆ Newsletter column in 1<sup>st</sup> Quarter 2006 by Alan Mantooth
  - ◆ Message to Technical Committee chairs requesting designee to the PELSC – only 1 to date

# Standards on the Block (1/2)

## PEL

1. 1515-2000 IEEE Recommended Practice for Electronics Power Subsystems: Parameter Definitions, Test Conditions, and Test Methods

## PEL/ET

1. 111-2000 IEEE Standard for Wide-Band (Greater Than 1 Decade) Transformers
2. 295-1969 (R2000) IEEE Standard for Electronics Power Transformers
3. 388-1992 (R1998) IEEE Standard for **Transformers and Inductors in Electronic Power Conversion Equipment**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
4. 389-1996 IEEE Recommended Practice for **Testing Electronics Transformers and Inductors**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
5. 390-1987 (R1998) IEEE Standard for **Pulse Transformers**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
6. 393-1991 (R1998) IEEE Standard for **Test Procedures for Magnetic Cores**. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.

# Standards on the Block (2/2)

7. 436-1991 (R1998) IEEE Guide for Making Corona (Partial Discharge) Measurements on Electronics Transformers. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.
8. 449-1998 IEEE Standard for Ferroresonant Voltage Regulators. Sponsor requests an extension to determine whether to revise or reaffirm the standard. Recommendation (From December 2004): Extend until March 2005.