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06 December 2006

Kimberly Eastwood  
Thermon Manufacturing Co.  
100 Thermon Drive  
San Marcos, TX USA 78666  
kimeastwood@ieee.org

Re: P1714 - Recommended Practice for Industrial Uninterruptible Power Supply (UPS) Systems

Dear Kimberly:

I am pleased to inform you that on 06 December 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2010. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1714.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [s.hampton@ieee.org](mailto:s.hampton@ieee.org) no later than 06 March 2007.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at [s.hampton@ieee.org](mailto:s.hampton@ieee.org).

Sincerely,

Sherry Hampton  
Administrator, Governance  
Standards Activities  
Phone +1 732 562 6003  
FAX +1 732 875 0695  
Email: s.hampton@ieee.org

CC: donald.dunn@ieee.org

**PAR Request Date:** 10 October 2006**PAR Approval Date:** 06 December 2006**PAR Signature Page on File:** Yes**Type of PAR:** New IEEE Standard**Status:** PAR for a New IEEE Standard**Root Project:****1.1 Project No.:** **P1714****1.2 Type of Document:** Recommended Practice**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Recommended Practice for Industrial Uninterruptible Power Supply (UPS) Systems

**2.1 Amendment/Corrigenda Title****3.1 Working Group Name**[UPS and UPS System WG](#)**Working Group Chair**[Dunn, Donald G](#)

Phone: 281-452-8809

Email: donald.dunn@ieee.org

**Working Group Vice Chair****3.2 Sponsor**[IEEE Industry Applications Society Petroleum & Chemical Industry \(IAS/PCI\)](#)**Sponsor Chair**[Eastwood, Kimberly](#)

Phone: 512 396 5880

Email: kimeastwood@ieee.org

**Name of Standards Liaison Representative (if applicable)**[McBride, William E](#)

Phone: 907-265-6496

Email: mcbrid@mail.aai.arco.com

**3.3 Joint Sponsor****4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** December 2007**4.3 Projected Completion Date for Submittal to RevCom:** December 2008**5.1 Approximate number of people expected to work on this project:** 20

**5.2 Scope:** Recommended practice for typical UPS Systems installed in industrial facilities including the application, specification, performance, and testing of the UPS System. UPS systems provide uninterruptible power to process control, standby and other critical equipment. This recommended practice includes UPS System configurations and loads, accepted design practices, control strategies and operating principles, redundancy, reliability, installation, commissioning/startup verification, and maintenance considerations. Also included in this recommended practice are hardware associated considerations for batteries, static switch, ferroresonant transformers, isolation transformers, panelboards, motor control centers, and harmonic and EMI filters.

**5.3 Is the completion of this document contingent upon the completion of another document?** No**5.4 Purpose:** This recommended practice provides cohesive, easy to use guidance for both national and international UPS applications.

**5.5 Need for the Project:** Currently, recommended practices for UPS systems in industrial applications are not adequately described (there are NEMA and IEC standards for the UPS but not for UPS systems). This void creates ample need by the user community for a standard that provides guidance for these types of applications. Target users for this recommended practice are engineers at industrial facilities, consultants, designers of industrial facilities, as well as, end users and regulatory agencies. IEEE should be proactive in developing standards and recommended best practices to protect industry investment and potentially more reliable operating facilities.

**5.6 Stakeholders for the Standard:** Target users for this recommended practice are engineers at industrial facilities, consultants, designers of industrial facilities, as well as, end users and regulatory agencies.

**6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitted this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes Presented Date:** 2006-09-12

If no, please explain:

**6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No**

If yes, please explain:

**6.1.c. Is the Sponsor aware of possible registration activity related to this project? No**

If yes, please explain:

**7.1 Are there other standards or projects with a similar scope? No**

If yes, please explain:

**Sponsor Organization:**

**Project/Standard Number:**

**Project/Standard Date:** 0000-00-00

**Project/Standard Title:**

**7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ? Do not know at this time**

**Technical Committee Name and Number:**

**Contact person:**

**Contact person Phone Number:**

**Contact person Email Address:**

**7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No**

**7.4 Additional Explanatory Notes:**

**8.1 Sponsor Information:**

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: