

ISO/IEC JTC 1 N9884

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Replaces:

ISO/IEC JTC 1 Information Technology

Document Type: other (deifned)

Document Title: Establishment of a Study Group on Energy Efficiency of Data Centers

Document Source: JTC 1 Secretariat

Project Number:

Document Status: In accordance with JTC 1 Tel Aviv resolution 24, JTC 1 establishes a Study Group on Energy Efficiency of Data Centers with the terms of reference attached. JTC 1 National Bodies, Liaison Organizations, Approved PAS Submitters, SCs and relevant ISO and IEC TCs are invited to nominate experts to participate in this group. Nominations should be sent to the JTC1 Secretariat as soon as possible but not later than January 15, 2010.

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Pages: 2

Resolution 24 - Establishment of Study Group on Energy Efficiency of Data Centers

JTC 1 has identified the energy efficiency of Data Centers as a significant topic in the industry and wishes to understand the current state of relevant standardization and to explore a possible role for JTC 1 (see document JTC1 N 9686). To this end, JTC 1 establishes a Study Group on Energy Efficiency of Data Centers (EEDC) to investigate market requirements for standardization, initiate dialogues with relevant consortia and to identify possible work items for JTC 1.

The Study Group will have the following terms of reference:

- 1) Provide a taxonomy of Data Centers and terminology used for energy efficiency.
- 2) Assess the current state of EEDC standardization within JTC 1, in relevant ISO and IEC TCs, in other SDOs and consortia beginning with document JTC1 N 9686.
- 3) Document standardization market/business/user requirements and the challenges to be addressed.
- 4) Liaise and collaborate with relevant ISO and IEC TCs, SDOs and consortia related to EEDC.
- 5) Hold workshops to gather requirements as needed.
- 6) Provide a report of activities and recommendations to JTC 1.

On topics of common interest (such as virtualization) coordination with the SG Cloud Computing (SGCC) is required.

Membership in the Study Group will be open to:

- 1) JTC 1 National Bodies, Liaisons, and approved JTC 1 PAS submitters
- 2) JTC 1 SCs, relevant ISO and IEC TCs
- 3) Members of ISO and IEC central offices
- 4) Invited SDOs and consortia that are engaged in standardization in EEDC, as approved by the SG

In addition, the Convenor may invite experts with specific expertise in the field.

Meetings of the group may be via face-to-face or preferably by electronic means.

JTC 1 appoints the US as Secretariat for the Study Group of EEDC. The US will name a Convenor within 60 days. JTC 1 instructs the JTC 1 Secretariat to issue a call for participants for the Study Group.

JTC 1 instructs the Study Group Convenor to provide a written report on the activities of the Study Group in advance of the 2010 JTC 1 Plenary meeting.

Abstain: UK