



# TECHNICAL SPECIFICATION



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**Power system stability control –  
Part 1: Guideline for framework design of power system stability control**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**POWER SYSTEM STABILITY CONTROL –****Part 1: Guideline for framework design of power system stability control**

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The text of this Technical Specification is based on the following documents:

Draft	Report on voting
8C/47/DTS	8C/61/RVDTS

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Technical Specification is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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## **POWER SYSTEM STABILITY CONTROL –**

### **Part 1: Guideline for framework design of power system stability control**

#### **1 Scope**

This part of IEC 63384 provides guidance for power system stability control framework design. It covers the uniform use of terms and definitions, general objectives and principles for power system stability control, the classification of power system stability control, and the framework combining several types of stability controls in a coordinated and cost-effective (risk-based) manner.

In accordance with this guideline, the framework is designed to cope with disturbances of different probabilities of occurrence and impact on power system security and stability. Effective control approaches are designed to prevent or minimize the scope of future blackouts.

#### **2 Normative references**

There are no normative references in this document