



SIST

Slovenski inštitut za standardizacijo

SIST- Standardizacija v Republiki Sloveniji

Poslovne priložnosti v segmentih proizvodnje, prenosa in distribucije električne energije

Gorazd Opaškar

Vodja oddelka za tehnično standardizacijo in založništvo
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ELECTRA,
Ljubljana, 15. oktober 2009



SIST

standardizacija

Splošni sektor

Elektrotehnični sektor

Tele-komunikacijski sektor

mednarodna



evropska



nacionalna



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Standardizacija v Republiki Sloveniji

- ❖ Aktivno sodelovanje v vseh nivojih standardizacije
- ❖ Bogata tradicija še iz časov YU (prof. Mlakar)
- ❖ Evropska usmerjenost (obveznosti iz članstva v EU)
- ❖ Glede na organiziranost elektro standardizacije močna povezava z IEC

ELECTRA, Ljubljana, 15. oktober 2009



Aktivna področja v SI

SISTEM

Systems aspects for electrical energy supply

IEC/TC 8 P

(podjetja razdelilnega in prenosnega omrežja)

Energy management

IEC/TC 57 O

Smart grids

IEC/SG 3

(Tehnološka platforma za elektroenergetska omrežja)

Electrical installations and protection against electric shock

IEC/TC 64 O

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Aktivna področja v SI

SISTEM

System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV a.c. and 1,5 kV d.c.

IEC/TC 99 ○

Live working

IEC/TC 78 ○

Power systems management and associated information exchange

IEC/TC 57 ○

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Aktivna področja v SI

GENERACIJA

Hydraulic turbines

IEC/TC 4 P

(Litostroj → Cimos Group)

Solar photovoltaic energy systems

IEC/TC 82 ○

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Aktivna področja v SI

MERITVE

Electrical energy measurement, tariff- and load control

IEC/TC 13 P

(IskraEMECO)

Measuring equipment for electrical and electromagnetic quantities

IEC/TC 85 P

(Metrel)

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Aktivna področja v SI

OPREMA

Fluids for electrotechnical applications

IEC/TC 10 P

(EIMV)

Power transformers

IEC/TC 14 P

(EIMV, ETRA)

Insulators

IEC/TC 36 P

(IZO ELEKTRO, ETI)

Surge arresters

IEC/TC 37 P

(VARSI, Iskra Zaščite)

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Nova, horizontalno področja

Energy management

[CEN/CLC/BTTF 189](#) Energy Management and related services - General requirements and qualification procedures

Scope: To elaborate EN standards in the energy management and related services field:

- Energy Management Systems: definition and requirements
- Energy Service Companies (ESCO): definition, requirements and qualification procedures
- Energy Managers and Experts: roles, professional requirements and qualification Procedures

[CEN/SS F23](#) - Energy

(EN 16001:2009 - Energy management systems - Requirements with guidance for use)

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Nova, horizontalno področja

Smart grids

IEC TC 8	Systems aspects for electrical energy supply
IEC TC 13	Electrical energy measurement, tariff- and load control
TC 14	Power Transformers
IEC TC 57	Power systems management and associated information exchange
IEC TC 64	Electrical installations and protection against electric shock
IEC TC 65	Industrial-process measurement, control and automation
IEC SC 77A	Low frequency phenomena
IEC TC 82	Solar photovoltaic energy systems
IEC SC 86C	Fibre optic systems and active devices
IEC TC 88	Wind turbines
IEC TC 95	Measuring relays and protection equipment
TC 114	Marine energy - Wave, tidal and other water current converters
CISPR	International special committee on radio interference
ISO/IEC JTC 1/SC 25	Interconnection of information technology equipment

ELECTRA, Ljubljana, 15. oktober 2009



Hvala za vašo pozornost!

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