

Βιβλίο " Εξελιγμένα Δίκτυα Συστημάτων Ηλεκτρικής Ενέργειας "

Ακρωνύμια

ΑΓ	Ανεμογεννήτρια
ΑΠΕ	Ανανεώσιμες Πηγές Ενέργειας
ΔΠ	Διεσπαρμένη Παραγωγή
ΔΣΔ	Διαχειριστής Συστήματος Διανομής
ΕΔΔ	Ενεργά Δίκτυα Διανομής
ΕΡ	Εναλλασσόμενο Ρεύμα
Μ/Σ	Μετασχηματιστής
ΜΤ	Μέση Τάση
ΣΗΕ	Συστήματα Ηλεκτρικής Ενέργειας
ΣΜΗΕ	Συστήματα Μεταφοράς Ηλεκτρικής Ενέργειας
ΣΡ	Συνεχές Ρεύμα
ΤΠΕ	Τεχνολογία Πληροφορικής και Επικοινωνιών
ΥΤ	Υψηλή Τάση
Φ/Β	Φωτοβολταϊκά
ΧΤ	Χαμηλή Τάση
ΑΙ	Artificial Intelligence
ΑΜΙ	Advanced Metering Infrastructures

AMR	Automatic Meter Reading
AND	Active Distribution Network
BBS	Bricks-Buses-Software
CAD	Computer Aided Design
CAN	Control Area Network
CC	Central Controller
CCS	Central Controller System
CHP	Combined Heat and Power
CIS	Customer Information System
CMD	Converter Manufacturing Data
CP	Custom Power
CPP	Critical Peak Pricing
DCS	Distributed Control System
DER	Distributed Energy Resource
DG	Distributed or Dispersed Generation
DMS	Distibution Management Systems
DNO	Distribution Network Operator
DR	Demand Response
DRAM	Dynamic Random Access Memory
DSE	Distribution State Estimation
DVR	Dynamic Voltage Restorer
EMI	Electromagnetic Interference
EMM	Energy Manager Module
EPRI	Electric Power Research Institute
EPROM	Erasable Programmable Read-Only Memory
FACTS	Flexible AC Transmission System

FDS	Flexible Distribution System
HAN	Home Area Network
HMI	Human–Machine Interface
ICT	Information and Communication Technology
IEA	International Energy Agency
IGBT	Insulated Gate Bipolar Transistor
IPM	Integrated Power Modules
ISO	Independent System Operator
MC	Microsource Controller
MCP	Market Clearing Price
MOVs	Metal Oxide Varistors
MPPT	Maximum Power Point Tracking
NEC	National Electrical Code (of USA)
NGC	National Grid Company
OMS	Outage Management System
PCB	Printed Circuit Board
PCC	Point of Common Coupling
PCM	Protection Co-ordination Module
PID	Proportional-Integral-Derivative
PLC	Programmable Logic Controller
PMSG	Permanent Magnet Synchronous Generator
PQ	Power Quality
pu	Per Unit
RTP	Real-Time Practicing
RTU	Remote Terminal Unit
SCADA	Supervisory Control and Data Acquisition

SIL	Surge Impedance Loading
SMES	Superconducting Magnetic Energy Storage
SSTS	Solid-State Transfer Switch
STATCOM	Static Synchronous Compensator
SVC	Static Var Compensator
TCSC	Thyristor Controlled Series Capacitor
TOU	Time of Use
TSR	Tip Speed Ratio
TSSC	Thyristor Switched Series Capacitor
TVSS	Transient Voltage Surge Suppressors
UPS	Uninterruptible Power Supply
VLSI	Very Large Scale Integration
VSI	Voltage Source Inverter

