

NOTATIONS

AFLS	automatic frequency load shedding
ALFC	automatic load–frequency control
ALS	automatic load shedding
ANP	alphanumeric printer
ASC	automatic stability control
AT	autotransformer
ATE	automatic telephone exchange
AVRL	automatic voltage rise limiter
BA	balancing action
BFP	breaker fail protection
CA	control action
CADC	computer–aided system of dispatching control
CADS	computer–aided design system
CADS EN	CADS of energy calculations
CADS ET	CADS of electro–technical calculations
CADS PS	computer–aided design of developing PS
CASPC	computer–aided system of process control
CASR	computer–aided system of scientific research
CB	common buses
CC	control centre; computer console
CCC	complexes of computing codes
CDD	Central dispatching department
CP	cogeneration plant
CPP	condensing power plant
CP STP	complex program of scientific–technological progress
CSEC	coordinating system of emergency control
CTS	central transceiving system
D	display
DAS	data acquisition system
DB	data base
DCD	data communication devices

DTE	dispatching telephone exchange
EAC	emergency automatic control
EC	energy complex; emergency control
ECS	emergency control systems
EE	Eastern Europe
EEC	Europe Economic Commission
EGU	Energy Research Institute Czecho-Slovakia
EHV	extra-high voltage
e.m.f.	electromotive force
ENE	electric network enterprises
ENEL	Italian Commission for Nuclear and Alternative Energy Sources
ENV	equations for nodal voltages
EPRI	Electric Power Research Institute
ES	evaluating the status
ESC	steady-state conditions
f/USSR	former USSR
GRGM	generalized reduced-gradient method
GDO	grid development optimization
HEC	hydro-electrical converter
HF	higher frequency
HPP	hydro power plant
HSAR	high-speed automatic reclosing
HV	high voltage
IAEA	International Atomic Energy Agency
IB	individual buses
ICS	information-control subsystem
ICSS	information-computing subsystem
IDD	interconnected dispatching department
IIASA	International Institute for Applied Systems Analysis
IM	internal memory
IPS-EE	Interconnected power system of EE-countries
LF	lower frequency
LG	local group
MDD	main (national) dispatching department
MDS	magnetic disk storage
MDT	multiplexer for data transmission
ME	multiplexing equipment
MFP	method of functional parameters
MicC	microcomputer
MinC	minicomputer
NPP	nuclear power plant
NPS	National power system

OICC	operating information-control complex
OLS	on-line system
OSP	out-step protection
PC	personal computer
PD	peripheral device
PS	power system
PSP	pumped storage plant
RAS	Russian Academy of Sciences
RCC	regional control centre
RENE	regional electric network enterprises
RPS	regional power system
SAC	system of automatic control
SB	Siberian Branch
SC	steady-state conditions
SDD	State dispatching department
SEI	Siberian Energy Institute
SES	system of economic stimulation
SFL	system-forming lines
SG	switch-gears
STP	scientific-technological progress
SWP	software package
T	terminal
TD	telemetry devices
TE	technological exchange
TER	technico-economic report
TL	transmission line
TPP	thermal power plant
UC	universal computer
UPS	Unified power system
VDI	visual data interface
VEIKI	Power Research Institute (Hungary)
VNIIE	All-Union Research Power Institute (Russia)
ZCC	zonal control centre
ZPS	zonal power system