

ACRONYMS

AC	ANT COLONY
Ah	Ampere hour
ANN	ARTIFICIAL NEURAL NETWORK
BES	BATTERY ENERGY STORAGE
BEV	BATTERY ELECTRIC VEHICLE
BLDC	BRUSHLESS DIRECT CURRENT
CAES	COMPRESSED AIR ENERGY STORAGE
CG	CENTER OF GRAVITY
DC	DIRECT CURRENT
DoD	DEPTH OF DISCHARGE
DST	DEMPSTER SHAFER THEORY
EDLC	ELECTROCHEMICAL DOUBLE LAYER CAPACITOR
EPR	EQUIVALENT PARALLEL RESISTOR
ESR	EQUIVALENT SERIES RESISTOR
ESS	ENERGY STORAGE SYSTEM
ET	EVIDENCE THEORY
EV	ELECTRIC VEHICLE
FBES	FLOW BATTERY ENERGY STORAGE
FCEV	FUEL CELL ELECTRIC VEHICLE
FDM	FRACIONAL DEPLETION MODELS

FES	FUELCELL ENERGY STORAGE
FL	FUZZY LOGIC
GA	GENETIC ALGORITHM
HESS	HYBRID ENERGY STORAGE SYSTEM
HEV	HYBRID ELECTRIC VEHICLE
IC	INTEGRATED CIRCUIT
ICE	INTERNAL COMBUSTION ENGINE
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IET	INSTITUTE OF ENGINEERING & TECHNOLOGY
LA	LEAD ACID
LCSS	LARGE CAPACITY STORAGE SYSTEM
MCSS	MEDIUM CAPACITY STORAGE SYSTEM
MWh	MEGHA WATT.HOUR
NaS	SODIUM SULPHATE
NEC	NIPPON ELECTRIC COMPANY
NiCd	NIKEL CADMIUM
PHES	PUMP HYDRO ENERGY STORAGE
PI	PROPORTIONAL INTEGRAL
PMSM	PERMANENT MAGNET SYNCHRONOUS MOTOR
PRI	PINNACLE RESEARCH INSTITUTE
PSB	Poly Sulphide-Bromide
SC	SUPERCAPACITOR

SCES	SUPER CAPACITOR ENERGY STORAGE
SCSS	SMALL CAPACITY STORAGE SYSTEM
SMES	SUPER MAGNETIC ENERGY STORAGE
SoC	STATE OF CHARGE
SoD	STATE OF DISCHARGE
SOHIO	STANDARD OIL COMPPANY CLEVELAND OHIO
SRM	SWITCHED RELUCTANCE MOTOR
TES	THERMAL ENERGY STORAGE SYSTEM
TLBO	TEACHING LEARNING BASED OPTIMIZATION
ULEV	ULTRA LOW EMISSION VEHICLE
UPHES	Underground Pumped Hydroelectric Energy Storage
VR	Vanadium-Redox
VTB	VIRTUAL TEST BED
ZEV	ZERO EMISSION VEHICLE
ZnBr	Zinc-Bromide