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 COMPANY 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