

LIST OF ABBREVIATIONS

Abbreviation	Description
PMU	: Phasor Measurement Unit
DFR	: Digital Fault Recorder
HV	: High Voltage
DWT	: Discrete Wavelet Transform
MRA	: Multi Resolution Analysis
FLS	: Fuzzy-Logic System
ANN	: Artificial Neural Network
SVM	: Support Vector Machine
PNN	: Probabilistic Neural Network
TCSC	: Thyristor Controlled Series Capacitor
UPFC	: Unified Power Flow Controller
DT	: Decision Tree
CNN	: Convolutional Neural Networks
MSE	: Mean Square Error
MAE	: Mean Absolute Error
AI	: Artificial Intelligence
ML	: Machine Learning
DL	: Deep Learning
DNN	: Deep Neural Network
RNN	: Recurrent Neural Network
PRNN	: Partially Recurrent Neural Network
CPU	: Central Processing Unit
GPU	: Graphics Processing Unit