

## LIST OF ABBREVIATIONS

Abbreviations	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