# LIST OF ABBREVIATIONS

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| **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 |