# LIST OF ABBREVIATIONS

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| **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 |