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### List of Abbreviations used

|        |   |
|--------|---|
| STLF   | Short Term Load Forecasting                                       |
| FL     | Fuzzy Logic   |
| LF     | Load Forecasting  |
| ARMA   | Autoregressive moving average                                     |
| ARIMA  | Autoregressive integrated moving average                          |
| ARMAX  | Autoregressive moving average with exogenous variables            |
| ARIMAX | Autoregressive integrated moving average with exogenous variables |
| ANN    | Artificial Neural Network   |
| MF     | Membership Function   |
| FIS    | Fuzzy Inference System  |
| MAPE   | Mean Average Percentage Error                                     |