List of Abbreviations

THD: Total Harmonic Distortion.
PWM: Pulse Width Modulation.
APF: Active Power Filter.
PAF: Shunt Active Filter.
SAF: Series Active Filter
HPF: High Pass Filter.
VSI: Voltage Source Inverter.
CSI: Current Source Inverter.
PLL: Phase Locked Loop.
PCC: Point of Common Coupling.
PQ: Power Quality.
SRF: Synchronous Reference Frame.
PI: Proportional-Integral.
PID: Proportional-Integral Derivative.
FLC: Fuzzy Logic Controller.
NL: Negative large.
NM : Negative medium.
NS : Negative small.
Z : Zero.
PL: Positive large.
PM : Positive medium.
PS : Positive small.
DVR: Dynamic Voltage Restorer.
VSC: Voltage Source Converter.
DSTATCOM: Distribution Static Compensator.
UPQC: Unified Power Quality Conditioner.
GTO: Gate Turn off Thyristor.
IGBT: Insulated Gate Bipolar Transistor.
LPF: Low Pass Filter.
RMS Value: Root Mean Square Value
HB: Hysterisis Bandwidth
SEI: Series Inverter
SHI: Shunt Inverter
PLL: Phase Locked Loop