A review on unified power quality conditioner control techniques assesses the feasibility and performance of different controls used to enhance Unified Power Quality Conditioner (UPQC) for making the efficient utilization at consumer levels. This is intended to present a broad overview on the unified power quality conditioner system control strategies used for the improvement of various power quality issues with recent developments in the field. It is noticed that several researchers have used different controls to check performance of the power system.
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with managementsingle-phase and three-phase controls for the UPQC based on the unique function, task, application, or topology under consideration. Currently, there are so many industries using a high technology for the manufacturing and requiring a high quality of power supply. Therefore, the paper is focusing mainly on power quality disturbance and the control technique used to improve the quality of delivered power such as Unified Power Quality Conditioner (UPQC).

References

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Index Terms

Computer Science
Control System

Keywords

Power Quality Upqc Active Filters P-q-r Power Theory D-q Theory saf Paf
Current Compensation

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