IMPACT: International Journal of Research in Engineering & Technology (IMPACT: IJRET)
ISSN(E): 2321-8843; ISSN(P): 2347-4599
Vol. 2, Issue 6, Jun 2014, 17-22

POWER SUPPLY DESIGN FOR HOME APPLIANCE WITH CONSIDERATION OF POWER QUALITY EVENTS

AMRUTA BALASAHEB JAMDADE

M. Tech Student, Department of Power System, BHDU's College of Engineering, Design Engineer at Whirlpool Corporation LTD, Pune, Maharashtra, India

ABSTRACT

Both electric utilities and end users of electric power are becoming increasingly concerned about the quality of electric power. Newer-generation load equipment, with microprocessor-based controls and power electronic devices, is more sensitive to power quality variations than was equipment used in the past. So now a day's study of the power quality events while designing the power supply board is most important.

KEYWORDS: X2 & Y2 Capacitor, MOV – Metal Oxide Varistor