







the needs of consumer fulfil their demands that the deregulated power system imposes.

## References

- [1] C. Schauder, L. Gyugyi, M. Lund, D. M. Hamai T. R. Rietman, D. Torgerson "Operation Of the Unified Power Flow Controller (UPFC) Under practical constaints" IEEE Transactions on Power Delivery, Vol. 13, No. 2, April 1998.
- [2] B. Renz, A. Keri, C. Schauder, E. Stacey, A. S. Mehraban L. Kovalsky, L. Gyugyi A. Edris "AEP UNIFIED POWER FLOW CONTROLLER PERFORMANCE" IEEE Transactions on Power Delivery, Vol. 14, No. 4, October 1999.
- [3] L.Dong L., Zhang M. L. Crow "A New Control Strategy for the Unified Power Flow Controller"IEEE-2002.
- [4] Eskandar Gholipour and Shahrokh Saadate, "Improving of Transient Stability of Power Systems Using UPFC" IEEE Transactions on Power April 2005.
- [5] A.Elkholy F. Fahmy A. Abou El-Ela, "Power System Stability Enhancement using The Unified Power Flow Controller" Proceedings of 14<sup>th</sup> International Middle East Power Systems Conference, Cairo University, December 2010.
- [6] K. Manoz kumar Reddy "Improving the Transient and Dynamic stability of the Network by Unified Power Flow Controller (UPFC)" International Journal of Scientific and Research Publications, Volume 2, Issue 5, May 2012.
- [7] Reference book of Reactive Power Management by D.M.Tagare.