

Appendix D

List of Publications

LIST of PAPER- Based on the work described in Thesis
**(Presented/Published in National/International Conference/Symposiums/
Journals and Indexed in Databases)**

List of Publication

1. Makwana, U.L., Joshi S.K. (2014) ‘Assessment of Available Transfer Capability for Congestion Management in Restructured Electrical Power Network for Competent Operation’, Journal of Power and Energy Engineering, 2, 395-402. doi: dx.doi.org/10.4236/jpee.2014.24053.
2. Makwana Umesh L., Joshi S. K., ‘Optimal Evaluation of Available Transfer Capability of Transmission Line Using Bio-inspired Algorithm for Multiple Transactions in Deregulated Electrical Power Network’, international Journal of Energy and Power Engineering. Special Issue: Energy Systems and Developments. Vol. 4, No. 5-1, 2015, pp. 43-47. doi: 10.11648/j.ijepe.s.2015040501.17.

List Paper presented at Conferences

1. Makwana U.L., Joshi S.K., ‘Optimal assessment of Available Transfer Capability of transmission line using Tournament Selection Based Genetic Algorithm for manifold transactions in Restructured Electrical Power Network’ IEEE International Conference on Energy, Economic and Environment. ICEEE-2015.

2. U L Makwana, S K Joshi, 'Trace most Sensitive Power Transaction for Optimized value of Available Transfer Capability with a combined approach of Artificial Intelligent Techniques and Statistical Model Analysis', 6th IEEE international conference on Power Systems (ICPS-2016), 2016.
3. U.L. Makwana, S.K. Joshi and M.B. Jhala, 'Weak bus identification for Available Transfer Capacity Enhancement in support of Congestion management in Deregulated Power System', A Symposium on "Recent Trends in Electrical Engineering", GCET, Vallabh Vidyanagar, January 7-8, 2010.
4. U L Makwana, S K Joshi, 'Calculation of Available Transfer capability for Congestion Management in Deregulated Power System', National conference on Recent Advances in Electrical Machine and Machines and Electrical System (remes-2008) at Charotar Institute of Technology- Changa.