

Technical Publications

1. "Electric Power Systems and Geo-Magnetic Disturbances", Midwest Power Symposium, 1970 (co-authors V.D. Albertson and S.C. Tripathy).
2. "Tomorrow's Energy-Over Today's Rights-of-Way", General Electric Co., Transmission Magazine, 1970 (co-author K.W. Priest).
3. "Solar Induced Currents on Power Systems-Cause and Effect", IEEE paper T72 416-6, Summer Power Meeting, 1972 (co-authors V.D. Albertson, J.M. Thorson and S.C. Tripathy).
4. "Considerations on the Application of Lightning Arresters", Electrical Systems and Equipment Committee, Electrical Council of New England, 1972 (co-author J.W. Simpson).
5. "Power System Equipment and Operating Considerations During Geo-Solar Storms", Minnesota Power Conference, 1972 (co-authors V.D. Albertson and S.C. Tripathy).
6. "Protection of Transformers Against Voltage Surges", ELECTROBRAS Seminar, Brazil, 1972 (co-authors E.C. Sakshaug, F. Nuels and M.L. Henderson).
7. "Load Model Sensitive to Weather Data", Electrical World, March 15, 1973. (co-authors K.W. Priest and C.J. Truax).
8. "Economic and Environmental Sensitivity Analysis for 765 KV Line Design", IEEE paper C75 172-2 (co-authors S. Cluts, D.E. Hedman and H.W. Zaininger).
9. "Transmission Line Electromagnetic Compatibility", IEEE EMC Symposium, October 1975 (co-author J.R. Stewart).
10. "Comparative Economic Studies of AC and DC for Interconnection of Hydroelectric Capacity in South Mexico", CIGRE Committee 31, Johannesburg, S. Africa, October 1975 (co-authors L.O. Barthold, J.V. Landa, R.C. Guerrero and V. Lascale).
11. "Comparative Economic and Dynamic Studies of the Chicoasen Hydroelectric Plant", MEXICON '76 IEEE (co-authors B.K. Johnson, L.O. Barthold, J.V. Landa and R.C. Guerrero).
12. "Electrical Design of 115-138 KV Compact Transmission Lines", IEEE paper A77 506-9, Summer Power Meeting, 1977 (co-authors I.S. Grant, J.R. Steward and D.D. Wilson).
13. "Transmission Line Reference Book 115-138 KV Compact Line Design", EPRI Publication, 1978 (co-authors L.O. Barthold, I.S. Grant, V.J. Longo, J.R. Stewart and D.D. Wilson).
14. "Progress Report on System Studies of the Venezuelan 800 KV Transmission Lines", CIGRE Committee 31, Paris, France, August 1978 (co-authors A. Alazrachi and D. Gardner).
15. "Digital Modeling of AC/DC Systems", 1980 International IEEE Conference, Winnipeg, Canada (co-authors F.P. deMello, B.K. Johnson and D.E. Hedman).
16. "Compaction Techniques Applied to Transmission Line Upgrading 41.6 to 115 KV", IEEE Paper 80 SM 661-9, Summer Power Meeting, 1980 (co-author M. Broschat).
17. "Fundamental Optimization Study for Open Wire Transmission Systems", DOE Report, DOE/CE/29325-1, February 1980 (co-authors L.O. Barthold, S.J. Balsler, K.A. Clements, D.J. Lawrence and V.J. Longo).
18. "Economic Input Boosts Line Optimization", Electric Power and Light, July 1981.
19. "Surge Arrester Protection and Very Fast Surges", IEEE Paper 83 Wm 112-0, Winter Power Meeting, 1983 (co-author I.S. Grant, D.E. Hedman and D.D. Wilson).
20. "The EPRI Transmission Line Optimization Program-TLOP", SEEAC, April 1985 (co-author I.S. Grant).

21. "Optimization of Line Upgrading", 1986 IEEE/PES T&D Conference, Anaheim, California (co-authors I.S. Grant, D.A. Douglas, R.E. Kennon and A.M. DiGioia, Jr.
22. "Transmission Line Optimization", IEEE Paper TPC-6-84M-86, 1986 Summer Power Meeting, Mexico, DF (co-author I.S. Grant).
23. "Distribution Line Performance with Imperfect Grounding", IEEE Transactions on Industry Applications, Vol. 74, No. 5, Sept/Oct 1988 (co-author J.M. Undrill).
24. "Case Study of Radial Overhead Feeder Performance at 12.5 KV and 34.5 KV", IEEE Transactions on Industry Applications, Vol. 26, No. 4, July/Aug 1990.
25. "The Behavior of Cogeneration Plants Relative to Distribution Circuits", ECNE T&D Meeting, Braintree, Massachusetts, May 1989 (co-author J.M. Undrill).
26. "Using Load Flow Models in Transmission Access Cases", APPA Meeting, Burlington, Vermont, July 1992.
27. "Protection Issues for NUGS on Radial Distribution Systems", 1992 Engineers Seminar, DELMARVA, October 1992.
28. "Transmission Planning Models for Evaluating Wheeling Options", APPA Conference, Phoenix, Arizona, March 1993 (co-author D.L. LaForest).
29. "The Price of Wheeling", Independent Energy, September 1993.
30. "Determining Transmission Adequacy", Retail Wheeling Conference, San Francisco, California, December 1994 (co-authors T.F. Godart and R. Mukerji).
31. "Computation of Spot Prices and Congestion Costs in Large Interconnected Power System", American Power Conference, Chicago, Illinois, March 1995 (co-authors R. Mukerji, G.A. Jordan and G.E. Haringa).
32. "Electric Power 1995: An Industry in Transition", GE Publication, August 1995 (co-authors J.L. Oplinger and M.M. Schorr).
33. "Transmission Usage in ERCOT-Technical Basis & Application", LCRA Conference, Austin, Texas, September 1995 (co-author D.L. LaForest).
34. "The Role of Power Electronics in Open Access Markets", EPRI Conference on the Future of Power Delivery, Washington, DC, April 1996.
35. "System Planning Tools for the Competitive Market", IEEE Computer Application in Power, July 1996 (co-author R. Mukerji).
36. "Flow-Based Access Fees: A Multiple Components Approach", Network Industries in Transition, 10th Annual Western Conference, July 9-11, 1997 (co-author C.B. Rochlin).
37. "The Case for Flow-Based Access Fees", Public Utilities Fortnightly, October 1, 1997 (co-author C.B. Rochlin).
38. "Transmission Planning in a Deregulated Environment", Panel Session, 1999 IEEE T&D Conference, New Orleans.
39. "Interconnection & Transmission Service, A Generator's Point of View", Panel Session, 2001 IEEE PES 2001 Summer Meeting, Columbus.
40. "Transmission Expansion Planning in a Competitive Environment", Panel Session, 2002 IEEE PES Summer Meeting, Chicago.
41. "Merchant Transmission and the Reliability of the New York Bulk Power System. Part I: Thermal Transfer Limit Analysis". 2004 IEEE PSEC, New York City (co-authors: Mahmoud K. Elfayoumy & Ramon R. Tapia).