

# References

- [1] S W A D N Wickramasinghe, "Tech. Prefeasibility for Developing a Transmission Syst Interconnection Between India & Sri Lanka," M.S thesis., Dept. Elect. Eng., Univ. of Moratuwa., 2006.
- [2] Asia Pacific Energy Research Centre, "Power Interconnection in the APEC Region", Asia Pacific Energy Research Centre, Institute of Energy Economics, Japan. ISBN: 4-931482-08-2, March 2000.
- [3] M. P. Bahrman, "HVDC Transmission Overview," Transmission and Distribution Conference and Exposition, Chicago, US, April 2008
- [4] "IEEE guide for planning DC links terminating at AC locations having low short circuit capacities", IEEE Std. 1204-1997, 26 June 1997
- [5] W. Long, S. Nilsson, "HVDC Transmission yesterday & Today," Power and Energy Magazine, IEEE, Volume:5, issue 2, March-April 2007
- [6] *ABB HVDC Reference Projects*, [online]. Available:  
<http://www04.abb.com/global/abbzh/abbzh251.nsf!OpenDatabase&db=/db/db0003/db004333.nsf&v=9AAC910040&e=ge&m=100A&c=0853DA6A61867D0CC125750900328D6D>
- [7] WDAS Rodrigo et al, "Modeling and transient anal of HVDC bipolar link," Dep. Elect Eng, Univ Moratuwa, unpublished
- [8] A.J.M.I Jowsick. et al, "HVDC transmission line for interconnecting power grids in India and Sri Lanka," Dept. of Elect. & Electron. Eng., Univ. of Peradeniya, Peradeniya, Sri Lanka, Dec. 2009
- [9] M.P.Bahrman and B.K. Johnson, "The ABCs of HVDC Transmission technologies," Power and Energy Magazine, IEEE, Volume:5, issue 2, March-April 2007.
- [10] D. Melvold, IEEE DC and Flexible AC Transmission Subcommittee, "HVDC Projects listing," November 2006
- [11] A.G.R. Rendina et al, "The Italy-Greece HvdC Link," CIGRE, 21, rue d'Artois, F-75008 Paris, 2002

- [12] *List of HVDC projects* [online].  
Available:[https://en.wikipedia.org/wiki/List\\_of\\_HVDC\\_projects](https://en.wikipedia.org/wiki/List_of_HVDC_projects)
- [13] S. P. Teeuwesen, et al, "Dynamic Performance of the new 400 kV Storebaelt HVDC Project," Power systems conference and exposition, 2009, Seattle, WA, March 2009
- [14] FINGRID. (2009 February 08). "FENNO-SKAN HVDC Link" [online]:  
Available:<http://www.fingrid.fi/uploads/ConstructionSiteMap/attachments/esite.pdf>
- [15] FINGRID. "Evolving grid Fenno-Skan 2 HVDC link" [online]: Available:[http://www.fingrid.fi/en/news/News%20liitteet/Brochures/Trioton%20osoitteilla/fennoskan\\_esite\\_englanti\\_low.pdf](http://www.fingrid.fi/en/news/News%20liitteet/Brochures/Trioton%20osoitteilla/fennoskan_esite_englanti_low.pdf)
- [16] V.K. Sood, "HVDC and FACTS controllers," Boston, Kluwer Academic Publishers, 2004.
- [17] M.P. Bahrman, B.K. Johnson, "The ABCs of HVDC Transmission technologies," Power and Energy Magazine, IEEE, Volume: 5, issue 2, March-April 2007
- [18] N. Flourentzou, et al, "VSC-Based HVDC Power Transmission Systems: An Overview," Power Electronics, IEEE Transactions (volume: 24, issue: 3), February 2009.
- [19] "East Coast Transmission Network-Technical feasibility Stud," Crown Estate, Edinburgh, January 2008
- [20] Dr. L. Tang, "High Voltage DC technologies," ARPA-E Power Technology workshop, February 2010
- [21] S Rao, "EHV-AC & HVDC Transmission Eng & practice," 2nd ed. Delhi: Khanna Publisher, 1996.
- [22] P. Kundur, "Power System Stability and Control" McGraw Hill, Inc 1994
- [23] I. Norheim, "Suggested Methods for Preventing Core Saturation Instability in HVDC Transmission Systems," Norwegian University of Science and Technology, N-7491 Trondheim, Norway, February 2002
- [24] F. Yang et al, "An Approach to Select PI Parameters of HVDC Controllers," Power Engineering Society General Meeting, IEEE, Montreal, Que, 2006

- [25] D. Jovcic, "Control of high voltage DC and flexible AC transmission systems," M.Phil thesis, University of Auckland, New Zealand, December 1999
- [26] M.Szechtman, T.Wess, C.V.Thio, "1st Benchmark Model for HVDC control studies", CIGRE -WG 14.02., ELECTRA, No. 135, PP.54-73, April 1991
- [27] F.Wang and Y.Chen, "voltage /power stability study upon power system with multiple infeed configuration of HVDC links using quasi static modal analysis approach," M.S thesis, University of Technology, March 2006
- [28] X. Mao et al, " Selection of HVDC models for stability studies," Electric Utility Deregulation and Restructuring and Power Technologies, Nanjing, China, April 2008
- [29] A. L'Abbate, G. Fulli, "Modeling and Applicat of VSC-HVDC in the European transmission system", International Journal of Innovations in Energy Systems and Power ,Vol. 5 ,Issue 1, pp. 8-16, April 2010
- [30] H.L. Tayal et al, "Viability of Developing a Transmission System Interconnection between India and Sri Lanka," February 2002
- [31] D.Jovcic et al, "Analytical modeling of HVDC –HVAC systems," Power Delivery, IEEE Transactions ,volume:14, issue:2, April 1999
- [32] S. Jauria, "DC Power and Current Control Modes and Features", ABB power system, Technical Report, 1JNL100032-591 Rev-02.1999.
- [33] M. Anup, "Capacitor commutated converters for HVDC transmission system", M.S thesis, Concordia University, Montreal, Canada ,February 2002
- [34] M.A Laughton and M.G Say, "Electrical Engineer's reference book," London, Butterworth International Edition, 1990
- [35] N.G.Hingorani and M. F Burbery, "Simulation of AC System Impedance in HVDC System Studies," IEEE transnstonal on power apparatus and systems, volume, pas-89, No, 5/6, May/June 1970
- [36] O.S.D.De Silva et al, "Study on impact of wind power park integration on weak power systems: A case stud on Mannar wind park in Sri Lanka," Inform and Automation for sustainability, 7<sup>th</sup> international conference, December 2014

- [37] Applications of PSCAD® / EMTDCTM, Manitoba HVDC Research Centre Inc
- [38] K.U. Rao, "Comput techniques and models in power systems," New Delhi, I.K International Publishing House Pvt. Ltd, 2007
- [39] R.H. Miller, J. H. Malinowski, "Power system operation," 2008.
- [40] K.R Padiyar, "Power system dynamics," Hyderabad, BS publication, 2008
- [41] E. W. Kimbark Direct current transmission, Volume 1,
- [42] S Kamakshaiah; V Kamaraju, "HVDC transmission," New Delhi, Tata McGraw Hill Education (Pvt) Ltd, 2011.
- [43] "Tech. Specification of ACSR Conductor for Transmission Line" Gujarat Energy Transmission co-corporation Ltd, July 2008
- [44] Basslink Proposed interconnector linking the Tasmanian and Victorian electricity grids- Final Panel Report, Basslink Joint Advisory Panel, June 2002
- [45] CIGRE benchmark model –PSCAD/EMTDC
- [46] D. R. Northcott, S. Filizadeh, A. R. Chevretils, "Design of a Bidirectional Buck-Boost DC/DC Converter for a Series Hybrid Electric Vehicle Using PSCAD/EMTDC," 978-1-4244-2601-0/09/2009 IEEE
- [47] L. Zhang, "Modeling and Control of VSC-HVDC Links Connected to Weak AC Systems," Royal institute of technology, Stockholm 2010
- [48] "IEEE guide for planning DC links terminating at AC locations having low short circuit capacities", IEEE Std. 1204-1997, 26 June 1997
- [49] D. L. H. Aik, G. Anderson, "Impact of dynamic system modeling on the power stability of HVDC systems," IEEE Transactions on power delivery, Vol. 14, No. 4, October 1999
- [50] D.L.H. Aik, G. Anderson. "Influence of load characteristics on the power/voltage stability of HVDC systems, Part I: Basic equations and relationships", IEEE Transactions on power delivery, Vol. 13, No. 4, October 1998
- [51] D. L. H. Aik and G. Anderson, "Voltage and power stability of HVDC- Emerging issues and new analytical methodologies," Curitiba, Brazil, May 2000

[52] J. Paulinder, "Operation and control of HVDC links embedded in AC systems," Dept Elect Power Eng, Chalmers Univ of Technology, Göteborg, Sweden, 2003

[53] Z. Shuai et al, " Simulation studies of JeJu AC power system modeling by using PSCAD/EMTDC", IEEE T&D Asia, Seoul, 2009

