

References:

- [1] Committee on Alternatives and Strategies for Future Hydrogen Production and Use, National Research Council.2004, '*The Hydrogen Economy: Opportunities, Costs, Barriers, and R&D Needs.*' The National Academy Press. Washinton D C.
- [2] International Energy Agency, and Organization for Economic Co-operation and Development.2008.World Energy Outlook.
- [3] Elena, C. and Ene, H. 1996, '*computational fluid dynamics analysis of a PEM fuel cell system for power generation*' National Research Institute for Isotopic & Cryogenic Technologies, Rm Valcea, Romania Mathematical Institute, Romanian Academy of Sciences, Bucharest, Romania.
- [4] Piergiorgio, A. Massimo G. and Federico, M. 2005, '*A coupled electro-chemical model of a direct methanol fuel cell for portable electronic devices*' Dipartimento di Ingegneria Elettrica, Universita' di Padova, Padova, Italy.
- [5] Energy Information Administration, International Energy Outlook 2008, Washington DC. (No. DOE/EIA-0484). Retrieved January 25, 2009.
- [6] Hydrogen – Facts Sheet,2008, '*Mini hydrogen*' Denmark.
- [7] Bates, B. C. Kundzewicz, Z. W. Wu S. and Palutikof, J. P. 2008, '*Climate Change and Water*' Technical Paper of the Intergovernmental Panel on Climate Change, IPCC Secretariat, Geneva, 210 pp. Retrieved February 8, 2009.
- [8] Hegerl, G. C. Zwiers F. W. Braconnot, P. Gillett,N. P. Luo,Y. J.A. Marengo, O. Nicholls,N. and Stott, P.A. 2007, '*Understanding and Attributing Climate Change*' In:Climate Change , New York.
- [9] Spiegel, C.S. 2007, '*Designing and Building Fuel Cells*' McGraw-Hill, New york .
- [10] Spiegel, C.S. 2008. '*PEM Fuel Cell Modeling and Simulation Using MATLAB*' Elsevier Science, New york.
- [11] Zawodzinski, T.A. Derouin, C. Radzinski, S. Sherman, R. J. Smith, V.T. Springer, E. and Gottesfeld, S. 1993, 'Water uptake by and transport through Nafion 117 membranes,' *Journal of the Electrochemical Society*' **140**(4), 1041–1047.
- [12] Barbir, F.1999, Fuel cell powered utility vehicles. *Proceedings of the European Fuel Cell Forum Portable Fuel Cells Conference*, Lucerne.
- [13] Chase, M. W. 2002, '*JANAF Thermochemical Tables*' 3rd ed, American Chemical Society and the American Institute for Physics, '*J. Physical and Chemical Reference Data*' Vol. 14, Supplement 1.
- [14] Chen, R. and Zhao, T. S. 2005, Mathematical modeling of a passive feed DMFC with heat transfer effect.' *J. Power Sources.*' Vol. 152.

- [15] Faghri, A. and Guo, Z. 2005, Challenges and opportunities of thermal management issues related to fuel cell technology and modeling. *Int. J. Heat Mass Transfer*, Vol. 48.
- [16] Samuel, T. D. M. A. 1991, Estimation of Global Radiation for Sri Lanka. *Solar Energy* 47(5): 333-337.
- [17] Samuel, T. D. M. A. and Srikanthan, R. Solar Radiation Estimation for Sri Lanka. 1982. *Transactions of the Institution of Engineering, Sri Lanka*.
- [18] Maxwell, E.L. 1998, METSTAT -The solar radiation model used in the production of the NSRDB. *Solar Energy*.
- [19] Marion, W. and George, R. Calculation of solar radiation using a methodology with worldwide potential. 2001 *Solar Energy*
- [20] Marion, W. and Urban, K. 1995, User's manual for TMY2s—typical meteorological years derived from the 1961-1990 National Solar Radiation Data Base. NREL/SP-463-7668. National Renewable Energy Laboratory, Golden, Colorado.
- [21]. *Sri Lanka Wind Resource Atlas* NREL/TP-500-34518, National Renewable Energy Laboratory, Golden, Colorado, 2003.
- [22] *Feasibility Study for a 3 MW Pilot Wind Farm in Sri Lanka* RLA Consulting, Inc., Bothell, Washington, March 1997.
- [23] Fernando K.S. Kariyawasam P. L. G. Alwis A M A. 2002, *Wind Energy Resource Assessment – Puttalam and Central Regions of Sri Lanka*, Ceylon Electricity Board, Colombo, Sri Lanka.
- [24] *Long Term Transmission Development Studies 2002 – 2011* Ceylon Electricity Board, Colombo, Sri Lanka, August 2002.
- [25] Hurwitch, J. W. and Carpenter, C. A. 1999, 'Technology and Application Options for Future Battery Power Regulation', *IEEE Transactions on Energy Conversion*, Vol. 6, No. 1, pp. 216-223.
- [26] Kottick, D. Blau, M. and Edelstein, D. 1993, 'Battery Energy Storage for Frequency Regulation in an Island Power System', *IEEE Transactions on Energy Conversion*, Vol. 8, No. 3, pp. 455-458.