

## Reference:

- [1] “Wind and Solar”, Available from [www.gsmworld.com/developmentfund](http://www.gsmworld.com/developmentfund), last accessed November 14, 2010.
- [2] Commission of the European Communities, “A European strategic energy technology plan – towards a low carbon future”, 2007.
- [3] E.S. Sreeraj, K. Chatterjee, S. Bandyopadhyay, Design of isolated renewable hybrid power systems. *Solar Energy*; 84, pp 1124–1136, 2010.
- [4] “Green Power for Mobile: Top Ten Findings”, Available from [www.gsmworld.com/greenpower](http://www.gsmworld.com/greenpower), last accessed November 16, 2010.
- [5] J. Paska, P. Biczel, Mariusz, “Hybrid power systems – An effective way of utilising primary energy sources Renewable Energy”, pp. 2414–2421, 2009.
- [6] H.X. Yang, L. Lu, W. Zhou, “A novel optimization sizing model for hybrid solar–wind power generation system”, *Solar energy*, 81(1), pp. 76–84, 2007.
- [7] H.X. Yang, L. Lu, W. Zhou, Z. Fang, “Optimal sizing method for stand-alone hybrid solar–wind system with LPSP technology by using genetic algorithm”, *Solar Energy* 82, pp. 354–367, 2008.
- [8] H.X. Yang, W. Zhou, C.Z. Lou, “Optimal design and techno-economic analysis of a hybrid solar–wind power generation system”. *Applied Energy*: 86, pp. 163–169, 2009.
- [9] D. Elliott, M. Schwartz, G. Scott, S. Haymes, D. Heimiller, R. George, “Wind Energy Resource Atlas of Sri Lanka and the Maldives”, pp. 47, 2003.
- [10] Dialog Axiata PLC.
- [11] W. Zhou, A. Chengzhi Lou , A. Zhongshi Li, A. Lin Lu, Hongxing Yang, “Current status of research on optimum sizing of stand-alone hybrid solar–wind power generation systems”, *Applied Energy* 87, pp. 380–389, 2010.
- [12] M.B. Blarke, H. Lund, “The effectiveness of storage and relocation options in renewable energy systems”, *Renewable Energy*, pp. 33, 2008.

- [13] J. L Bernal-Agust, R. Dufo-Lo'pez, "Simulation and optimization of stand-alone hybrid renewable energy systems", Renewable and Sustainable Energy Reviews 13, pp. 2111–2118, 2009.
- [14] T. Lambert, P. Gilman, P. Lilienthal, "Micropower System Modeling With Homer", pp. 412-416, 2006.
- [15] M. R. Patel, "Wind and Solar Power Systems", CRC Press, Boca Raton, 1999.
- [16] 'NREL Solar Cell Sets World Efficiency Record at 40.8 Percent', News Release NR-2708, August 13, 2008.
- [17] "Photovoltaic Cell I-V Characterization Theory and LabVIEW Analysis Code", National Instruments web site
- [18] "The History of Solar", U.S. Department of Energy, Energy efficiency and renewable energy
- [19] A.G.T. Sugathapala, "Wind Energy", University of Moratuwa lecture notes, last accessed September 13, 2010.  
 University of Moratuwa, Sri Lanka  
Electronic Theses & Dissertations  
[www.lib.mrt.ac.lk](http://www.lib.mrt.ac.lk)
- [20] D. R. Gómez, J. D. Watterson, B. B. Americano, C. Ha, G. Marland, E. Matsika, Lemmy, N. Namayanga, B. O. Elasha, J. D. K. Saka, Karen, Treanton , "2006 IPCC Guidelines for National Greenhouse Gas Inventories", Volume 2: Energy, PP 16, 2006.