

REFERENCES

- [1] Sunanda Sinha, S.S. Chandel, Review of software tools for hybrid renewable energy systems, *Renewable and Sustainable Energy Reviews*, Volume 32, April 2014, Pages 192-205, ISSN 1364-0321
- [2] Patrick Mark Murphy, Ssennoga Twaha, Inês S. Murphy, Analysis of the cost of reliable electricity: A new method for analyzing grid connected solar, diesel and hybrid distributed electricity systems considering an unreliable electric grid, with examples in Uganda, *Energy*, Volume 66, 1 March 2014, Pages 523-534, ISSN 0360-5442
- [3] Makbul A.M. Ramli, Ayong Hiendro, Khaled Sedraoui, Ssennoga Twaha, Optimal sizing of grid-connected photovoltaic energy system in Saudi Arabia, *Renewable Energy*, Volume 75, March 2015, Pages 489-495, ISSN 0960-1481
- [4] Kyoung-Ho Lee, Dong-Won Lee, Nam-Choon Baek, Hyeok-Min Kwon, Chang-Jun Lee, Preliminary determination of optimal size for renewable energy resources in buildings using RETScreen, *Energy*, Volume 47, Issue 1, November 2012, Pages 83-96, ISSN 0360-5442
- [5] Roy, B.; Basu, A.K.; Paul, S., "Techno-economic feasibility analysis of a grid connected solar photovoltaic power system for a residential load," *Automation, Control, Energy and Systems (ACES)*, 2014 First International Conference on , vol., no., pp.1,5, 1-2 Feb. 2014
- [6] Shafiqur Rehman, Luai M. Al-Hadhrami, Study of a solar PV–diesel–battery hybrid power system for a remotely located population near Rafha, Saudi Arabia, *Energy*, Volume 35, Issue 12, December 2010, Pages 4986-4995, ISSN 0360-5442
- [7] Mukhtaruddin, R.N.S.R.; Rahman, H.A.; Hassan, M.Y., "Economic analysis of grid-connected hybrid photovoltaic-wind system in Malaysia," *Clean Electrical Power (ICCEP)*, 2013 International Conference on , vol., no., pp.577,583, 11-13 June 2013
- [8] Tamer Khatib, A. Mohamed, K. Sopian, M. Mahmoud, optimal sizing of building integrated hybrid pv/diesel generator system for zero load rejection for Malaysia, *energy and buildings*, volume 43, issue 12, december 2011, pages 3430-3435

- [9] Moniruzzaman, M.; Hasan, S., "Cost analysis of PV/Wind/diesel/grid connected hybrid systems," Informatics, Electronics & Vision (ICIEV), 2012 International Conference on , vol., no., pp.727,730, 18-19 May 2012
- [10] Kolhe, M.; Ranaweera, K.M.I.U.; Gunawardana, A.G.B.S., "Techno-economic optimum sizing of hybrid renewable energy system," Industrial Electronics Society, IECON 2013 - 39th Annual Conference of the IEEE , vol., no., pp.1898,1903, 10-13 Nov. 2013
- [11] Rashayi, E.; Chikuni, E., "The potential of grid connected photovoltaic arrays in Zimbabwe," Electrotechnical Conference (MELECON), 2012 16th IEEE Mediterranean , vol., no., pp.285,288, 25-28 March 2012
- [12] Methodology to determine the maximum demand of multi category bulk electrical installations by S.A.C.Rajapaksa, Department of electrical engineering, University of Moratuwa
- [13] www.energy.gov.lk
- [14] Net metering development in Sri Lanka by Public utilities commission of Sri Lanka
- [15] Micro power system modeling with HOMER by Tom Lambert Mistaya engineering inc., Paul Gilman and peter Lilienthal national renewable energy laboratory