REFERENCES

[1] Transmission and Generation Planning Branch, Long Term Generation Expansion plan 2018-2037, Ceylon Electricity Board, April 2017.

[2] D. Renné, R. George, B. Marion, D. Heimiller and C. Gueymard, Solar Resource Assessment for Sri Lanka and Maldives, U.S. Department of Energy, Oak Ridge, 2003.

[3] D. Elliott. M. Schwartz. G. Scott. S. Haymes, Wind Energy Resource Atlas of Sri Lanka and the Maldives, U.S. Department of Energy, Oak Ridge , 2003.

[4] Bishal Madhab, M. Saquib, Abhik Kumar, An empirical model for ramp analysis of utility scale solar pv power, 2014.

[5] NERC Model Validation Task, Power System Model Validation, North American Electric Reliability Corporation, December 2010.

[6] R. Wijekoon, D. Hapuarachchi, B. Samarasekara, , Evaluation of Variability Characteristics of Distributed Solar PV Production from Grid Integration Perspective, IESL.

[7] A.S. Elansari, S.J. Finney, J. Burr, M.F. Edrah, Frequency control capability of VSC-HVDC transmission system, Strathclyde University, Institute of Energy and Environment, Glasgow, UK.

[8] Transmission and Generation Planning Branch , Long Term Generation Expansion Plan 2020-2039, Ceylon Electricity Board.

[9] Siemens Industry, Inc., PSS/E PROGRAM APPLICATION GUIDE VOLUME 2. New York: Siemens Power Technologies International, 2013.

[10] L. Meegahapola, Characterisation of gas turbine dynamics during frequency excursions in power networks, IET Generation, Transmission and Distribution, vol. 8, (10) pp. 1733-1743, 2014.

[11] J. Cadogan, M. Milligan, Y. Wan, B. Kirby, Short-Term Output Variations in Wind Farms - Implications for Ancillary Services in the United States, Wind Power for the 21st Century Conference Kassel, Germany September 26–28, 2000.