REFERENCES

[1] Lei Wang, Q.H.Wu, Wenhu Tang, "Novel Cascaded Switched-Diode Multilevel Inverter for Renewable Energy Integration," *IEEE Trans. Energy convers*., vol. 32, no.4, pp.1574-1582, Dec. 2017

[2] F. S. Kang, S. J. Park, S. E. Cho, C. U. Kim, and T. Ise, "Multilevel PWM inverters suitable for the use of stand-alone photovoltaic power systems," *IEEE Trans. Energy Convers*., vol. 20, no. 4, pp. 906–915, Dec. 2005.

[3] L. V. Nguyen, H.-D. Tran, and T. T. Johnson, "Virtual prototyping for distributed control of a fault-tolerant modular multilevel inverter for photovoltaics," *IEEE Trans. Energy Convers*., vol. 29, no. 4, pp. 841–850, Dec. 2014.

[4] J. Rodriguez, J. S. Lai, and F. Z. Peng, "Multilevel inverters: A survey of topologies, controls, and application," *IEEE Trans.Ind. Electron*., vol.49, no. 4, pp. 724–738, Aug. 2002.

[5] F. Z. Peng and J. S. Lai, "Multilevel converters—A new breed of power converters," *IEEE Trans. Ind. Appl*., vol. 32, no. 3, pp. 509–517, May/Jun.1996.

[6] E.Villanueva, P. Correa, J. Rodriguez, and M. Pacas, "Control of a single-phase cascaded H-bridge multilevel inverter for grid-connected photovoltaic systems," *IEEE Trans. Ind. Electron*., vol. 56, no. 11, pp. 4399–4406, Nov. 2009.

[7] F.Khoucha, M.S.Lagoun, A.Kheloui, and M.E.H.Benbouzid,"A comparison of symmetrical and asymmetrical three-phase H-bridge multilevel inverter for DTC induction motor drives," *IEEE Trans. Energy Convers*., vol. 26, no. 1, pp. 64–72, Mar. 2011.

[8] M. Hamzeh, A. Ghazanfari, H. Mokhtari, and H. Karimi, "Integrating hybrid power sources into an islanded MV micro grid using CHB multilevel inverter under unbalanced and nonlinear load conditions," *IEEE Trans. Energy Convers.,* vol. 28, no. 3, pp. 643–651, Sep. 2013.

[9] S.A. Khajehoddin, A. Bakhshai, and P. K. Jain, "A simple voltage balancing scheme for m-level diode-clamped multilevel converters based on a generalized current flow model," *IEEE Trans. Power Electron*., vol. 23, no. 5, pp. 2248–2259, Sep. 2008.

[10] H.Sepahvand, K.A.Corzine, M.Ferdowsi, and M.Khazraei, "Active capacitor voltage balancing in single-phase flying-capacitor multilevel power converters," *IEEE Trans. Ind. Electron.,* vol. 59, no. 2, pp. 769–778, Feb. 2012

[11] A. Khoshkbar Sadigh, V. Dargabi, and K. Corzine, "New flying-capacitor based multilevel converter with optimized number of switches and capacitors for renewable energy integration," *IEEE Trans. Energy Convers*., vol. 31, no. 3, pp. 846–859, Sep. 2016.

[12] E.BabaeiandS.H.Hosseini, "New cascaded multilevel inverter topology with minimum of switches," *Energy Convers. Manage*, vol. 50, no. 4, pp. 2761–2767, 2009.

[13] D. N. R. S. Alishah and S. H. Hosseini, "Novel topologies for symmetric, asymmetric, and cascade switched-diode multilevel converter with minimum number of power electronic components," *IEEE Trans. Ind. Electron*., vol. 61, no. 10, pp. 5300–5310, Oct. 2014.

[14] B. P. McGrath and D. G. Holmes, "Multicarrier PWM strategies for multilevel inverters," *IEEE Trans. Ind. Electron*., vol. 49, no. 4, pp. 858–867, Aug. 2002.