



University of Kurdistan

Department of Electrical & Computer Engineering

English for Electrical Engineers

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- [1] Mark Ibbotson, **Professional English in use Engineering**, Cambridge University Press, 2009.
- [2] H. Bevrani, T. Hiyama, **Intelligent Automatic Generation Control**, CRC Press, USA, 2011.
- [3] H. Bevrani, **Robust Power System Frequency Control**, Springer, 2nd Ed., 2014.
- [4] H. Bevrani, M. Watanabe, Y. Mitani, **Power System Monitoring and Control**, IEEE-Wiley Press, USA, 2014.
- [5] H. Bevrani, B. Francois, T. Ise, **Microgrid Dynamics and Control**, Wiley, USA, 2017.