

Electric Power Components and Systems. Electric Power Systems Research. IEEE Power and Energy Magazine. IEEE Transactions on Power Delivery. Electra. IET Generation, Transmission and Distribution. International Journal of Electrical Power and Energy Systems. International Transactions on Electrical Energy Systems

2 Electric Power Steering (EPS) This section describes one of the most commonly used automotive-critical motor applications, electric power steering (EPS), and describes how to build an EPS system using the DRV3205-Q1. 2.1 Definition Electric power steering uses an electric motor to assist steering a vehicle when the driver turns the

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A. Flores-Quiroz et al. / Electric Power Systems Research 136 (2016) 232-241 timescales and efficient RAM usage. Furthermore, we stress the importance of planning generation capacity through a C-UC-CE model and demonstrate that neglecting short term constraints in planning can result in suboptimal portfolios of generation technologies

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and fast changes to power systems. The purpose of incorporating re-newable energy such as photovoltaic (PV) system on the smart grid is to increase system reliability, reduce unrestored areas after fault in dis-tribution systems and improve system conditions as well as environ-mental and energy concerns. The rapid growth in integrating PV system

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