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Covering such topics as power flow, power-system stability and transmission lines, the book teaches the fundamental topics of power system analysis accompanied by logical discussions and numerous examples. Need support?

5.1.1 The Dawn of Electric Power Systems. In its simplest form, an electric power system consists of an electric power generator, a distribution system consisting of one or more distribution lines connecting the generator to users, and some protection/maneuver devices (see Fig. 5.1).Nowadays, this simple configuration is used for off-grid power systems or microgrids ...

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