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Benefits of Electric Power and a History of the Electric 1 Power Industry. 1.1 Societal Benefits of Electricity 1 1.2 Origin of the Industry 2 1.3 The Development of the National Electric 5 Power Grid 1.4 "The Golden Age" 8 Blackouts and the Reliability Crisis 9 The Environmental Crises--The Shift to 10 Low-Sulfur Oil

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The subsystem represented in Figure 1(a) could be one of a final user of the electric energy of a full power system. The subsystem represented in Figure 1(b) could be one of a small power plant working as distributed generation (DG). Most of these power systems operate only when connected to a full power system.

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