

Basic Principles for Building Network for Wireless Electric Power Distribution

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Abstract

Benefits of wireless power transfer are considered. New design of network for wireless power transfer is proposed and discussed. Different segments of the network are described and classified. Technical specifications and explanations for each the segment are provided. It is suggested, how to use satellites for the network functioning and which type of satellites are relevant for the network. Also, financial issues in using the proposed distribution network are estimated.

Keywords: Wireless transfer, electric power, network, segments, satellites.