

WIRELESS POWER TRANSMISSION SYSTEMS BASIC PROTOTYPE DESIGNING: A STUDY BASED ON POWER LOSSES, EFFICENCY & ADVANTAGES

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ABSTRACT

Wireless power transmission system is alternate transmission systems without the conventional transmission line to carry short ranged transmission systems electricity. There are many techniques to fabricate to a wireless system prototype design. It is hard to choose which technique is feasible whilst keeping power losses, efficiency, cost & feasibility. This paper fills the gap by presenting experimental results of a wireless power transmission system that will help in better understanding and proper implementation of wireless power transmission systems.

KEYWORDS: Wireless Power Transmission System, WPTS, Efficiency, Power Losses, Cost, Quality