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In the near future, due to extensive use of energy, limited supply of resources and the pollution in environment from present resources e.g. (wood, coal, and fossil fuel) etc., alternative sources of energy and new ways to generate energy which are efficient, cost effective and produce minimum losses are of great concern. Wireless electricity (Power) transmission (WET) has become a focal point as research point of view and nowadays lies at top 10 future hot burning technologies that are under research these days. In this paper, we present the concept of transmitting power wirelessly to reduce transmission and distribution losses. The wired distribution losses are 70 – 75% efficient. We cannot imagine the world without electric power which is efficient, cost effective and produce minimum losses is of great concern. This paper tells us the benefits of using WET technology specially by using solar based power satellites (SBPS) and also focuses that how we make electric system cost effective, optimized and well organized. Moreover, attempts are made to highlight future issues so as to index some emerging.

Biography

Omotara Olayinka Theophilus was appointed as a Professor on June 8, 2012. He is an alumnus of the University of Kuwait and University of Ibadan. His appointment as Dean, Faculty of Education took effect from August 1, 2010 to July 31, 2012 in accordance with the provision of Article 8 of the University of Lagos Statute. He has started his academic career with the University of Lagos as a Lecturer II from 2009 after a brief spell in part-time Lectureship at the University of Ibadan for a year. By a dint of hard work and dedication, he rose steadily through the rank to the chair of Christian studies in 2010 the renowned Christian scholar has held various administrative positions in the University.

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