

# **Benchmark of electricity transmission tariffs in the countries of the internal electricity market of the European Union**

F. Perán Montero; J.I. Pérez Arriaga; F.J. Rubio Odériz

## **Abstract-**

The purpose of this paper is to examine the implications that the current structure of transmission tariffs in the 17 countries that participate in the Internal Electricity Market (IEM) of the European Union have on the design of cross-border tariffication schemes in this regional market. These schemes will be based on compensatory mechanisms between countries, because of the costs incurred by international trade, and some degree of tariff harmonization. The paper describes and compares the transmission tariffs applied in each one of these countries for some representative case examples. The driving factors that may explain the different levels in the transmission tariffs are examined. Finally, regulatory recommendations regarding transmission tariff harmonization and the compensatory mechanisms to be implemented in the IEM are provided.

**Index Terms-** Regional electricity markets, tariff benchmarking, transmission network tariffs, electricity transmission

Due to copyright restriction we cannot distribute this content on the web. However, clicking on the next link, authors will be able to distribute to you the full version of the paper:

[Request full paper to the authors](#)

If your institution has a electronic subscription to Utilities Policy, you can download the paper from the journal website:

[Access to the Journal website](#)

## **Citation:**

*Perán, F.; Pérez-Arriaga, I.J.; Rubio-Odériz, F. "Benchmark of electricity transmission tariffs in the countries of the internal electricity market of the European Union", Utilities Policy, vol.10, no.1, pp.47-56, March, 2001.*