

The evolution of electricity auctions in South America

P. Mastropietro, C. Batlle, L.A. Barroso, P. Rodilla

Abstract— Regulatory reforms of the power sectors in South America have always been driven by the need of attracting enough investment to guarantee an expansion rate capable of covering the fast-paced demand growth in the continent. In order to achieve this objective, in the last decade several countries in the region have reshaped their regulatory frameworks in the direction of long-term auctioning. This paper first provides a detailed description of the regulatory evolution that resulted in the implementation of auction schemes and then it presents an updated review of the mechanisms implemented in five South American countries, comparing their main design elements.

Index Terms— Capacity mechanisms, electricity auctions, long-term electricity contract, system adequacy

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 an electronic subscription to Energy Sources Part B: Economics, Planning and Policy, you can download the paper from the journal website:

[Access to the Journal website](#)

Citation:

Mastropietro, P.; Batlle, C.; Barroso, L.A.; Rodilla, P.; "The evolution of electricity auctions in South America", Energy Sources Part B: Economics, Planning and Policy, vol.11, no.12, pp.1103-1110. December, 2016.