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BOOK OF ABSTRACTS



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ABSTRACT

This study develops a methodology to provide insights regarding the performance of the wind farms of a European player in the energy sector. The focus of the wind farm performance assessment is on the operating stage which corresponds to the electrical energy generation process. Firstly, the Data Envelopment Analysis is used to measure the performance of wind farms in generating electrical energy from the resources available and exogenous variables, during the period under analysis. This analysis enables the identification of the best practices of the efficient farms which can be emulated by inefficient ones. Secondly, bootstrap procedures are applied to obtain statistical inference on the efficiency estimates. The performance assessment approach proposed will be useful for promoters in the management and control of wind farms and for the installation of wind farms in new areas, but also for repowering processes in existing farms.

061 THE EFFICIENCY IN TOURISM INVESTMENT CAPTURE IN RELATION TO HIGHWAYS INVESTMENT IN TOURIST ROUTES OF ESPÍRITO SANTO STATE, BRAZIL

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ABSTRACT

Tourism becomes a sector of more important time for economic and social development of a country, contributing for the reduction of disparity of the regions and favoring for its growth. The transport service, as well as road infrastructure is essential part of tourism in order to promote movement of tourists to the intended destination. The economic and social importance of the tourism sector has given rise to the need to study methods that can measure the power of attraction of their tourist destinations, beyond the efficiency in attracting investment in tourism in relation to investment in roads leading to these destinations. This paper presents the use of DEA to