

The methodology developed was applied to three case studies in Portugal with different levels of wind and solar generation complementarity. The results show that the hybrid ...

Methods for forecasting wind energy production can be classified in various ways. It is possible to classify them based on the time frame of the forecasts, the structure of the forecasting model, ...

Abstract-- It is crucial to be able to forecast wind power generation with the greatest degree of precision because wind has a significant degree of instability and the energy generated cannot ...

Accurate forecast results of medium and long-term wind power quantity can provide an important basis for power distribution plans, energy storage allocation plans and medium and long-term power generation plans ...

