



# Data Analytics for Renewable Energy Integration [ Third ECML PKDD Workshop, DARE 2015, Porto, Portugal, September 11, 2015. Revised Selected Papers /

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Computer science Renewable energy resources Computer science- Data mining Artificial intelligence Renewable energy sources Alternate energy sources Green energy industries Energy industries Computer Science Artificial Intelligence (incl. Robotics) Data Mining and Knowledge Discovery Renewable and Green Energy Mathematics of Computing Energy Economics

Monografía

This book constitutes revised selected papers from the third ECML PKDD Workshop on Data Analytics for Renewable Energy Integration, DARE 2015, held in Porto, Portugal, in September 2015. The 10 papers presented in this volume were carefully reviewed and selected for inclusion in this book

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**Contenido:** Imitative learning for online planning in microgrids -- A novel central voltage(QAQ(Bcontrol strategy for smart LV distribution networks -- Quantifying energy demand in mountainous areas -- Performance analysis of data mining techniques for improving the accuracy of wind power forecast combination -- Evaluation of forecasting methods for very small(QAQ(Bscale networks -- Classification cascades of overlapping feature ensembles for energy time series data -- Correlation analysis for determining the potential of home energy management systems in Germany -- Predicting hourly energy consumption. Can regression modeling improve on an autoregressive

baseline -- An OPTICS clustering(QAQ(Bbased anomalous data filtering algorithm for condition monitoring of power equipment -- Argument visualization and narrative approaches for collaborative spatial decision making and knowledge construction: A case study for an offshore wind farm project

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