

Accepted Manuscript

Rule-based Autoregressive Moving Average Models for Forecasting Load on Special Days: A Case Study for France

Siddharth Arora , James W Taylor

PII: S0377-2217(17)30787-7
DOI: [10.1016/j.ejor.2017.08.056](https://doi.org/10.1016/j.ejor.2017.08.056)
Reference: EOR 14675



To appear in: *European Journal of Operational Research*

Received date: 21 January 2016
Revised date: 17 August 2017
Accepted date: 29 August 2017

Please cite this article as: Siddharth Arora , James W Taylor , Rule-based Autoregressive Moving Average Models for Forecasting Load on Special Days: A Case Study for France, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.08.056](https://doi.org/10.1016/j.ejor.2017.08.056)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- A case-study on short-term load forecasting for France is presented.
- Load observed on normal and special days is modelled using a unified framework.
- Each special day is treated as having a unique load profile.
- Subjective judgment is incorporated during modelling using a rule-based approach.
- Model evaluation is based on a comparison of point and density forecast accuracy.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895236>

Download Persian Version:

<https://daneshyari.com/article/6895236>

[Daneshyari.com](https://daneshyari.com)