Accepted Manuscript

A branch-and-check approach for a wind turbine maintenance scheduling problem

Aurélien Froger, Michel Gendreau, Jorge E. Mendoza, Eric Pinson, Louis-Martin Rousseau

 PII:
 S0305-0548(17)30165-X

 DOI:
 10.1016/j.cor.2017.07.001

 Reference:
 CAOR 4281

To appear in: Computers and Operations Research

Received date:3 October 2016Revised date:30 June 2017Accepted date:1 July 2017



Please cite this article as: Aurélien Froger, Michel Gendreau, Jorge E. Mendoza, Eric Pinson, Louis-Martin Rousseau, A branch-and-check approach for a wind turbine maintenance scheduling problem, *Computers and Operations Research* (2017), doi: 10.1016/j.cor.2017.07.001

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.

ACCEPTED MANUSCRIPT

Highlights

- We tackle an onshore wind turbine maintenance scheduling problem.
- We introduce two integer linear programming formulations of the problem.
- We propose a branch-and-check approach for the problem.
- We describe problem-specific cuts.
- The B&C approach delivers optimal or high-quality integer solutions.

A CERTIN

Download English Version:

https://daneshyari.com/en/article/4958885

Download Persian Version:

https://daneshyari.com/article/4958885

Daneshyari.com