## Accepted Manuscript

Dealing with residual energy when transmitting data in energy-constrained capacitated networks

Herminia I. Calvete, Lourdes del-Pozo, José A. Iranzo

PII:S0377-2217(18)30174-7DOI:10.1016/j.ejor.2018.02.041Reference:EOR 15001

To appear in: European Journal of Operational Research

Received date:3 April 2017Revised date:31 January 2018Accepted date:15 February 2018

Please cite this article as: Herminia I. Calvete, Lourdes del-Pozo, José A. Iranzo, Dealing with residual energy when transmitting data in energy-constrained capacitated networks, *European Journal of Operational Research* (2018), doi: 10.1016/j.ejor.2018.02.041

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## Highlights

- Single objective: To maximize the minimum of the residual energy in a capacitated network
- Bi-objective: To minimize the transmission time and maximize the minimum of the residual energy
- Polynomial time algorithms for both problems
- Only shortest path problems are solved
- Experiments display the valuable contribution of the algorithm

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