Volume 30, issue 3, October 2022

Special Issue: Essays on operations research in energy

Issue editors

Juan M. Morales & Salvador Pineda Morente

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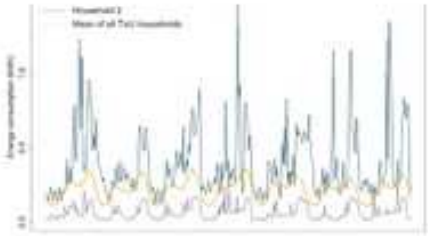
Essays on operations research in energy

Juan M. Morales & Salvador Pineda

Preface | Published: 22 September 2022 | Pages: 427 - 429

Optimal pricing for electricity retailers based on data-driven consumers' price-response



Román Pérez-Santalla, Miguel Carrión & Carlos Ruiz

Original Paper | Open Access |

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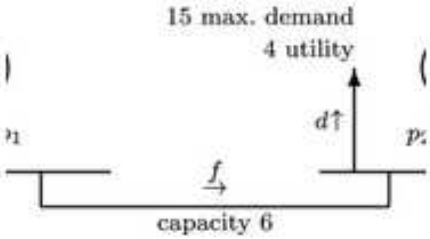
Solving certain complementarity problems in power markets via convex programming



G. Constante-Flores, A. J. Conejo & S. Constante-Flores

Original Paper | Published: 28 March 2022 | Pages: 465 - 491

Ambiguities and nonmonotonicities under prosumer power

Afzal S. Siddiqui & Sauleh A. Siddiqui

Original Paper | Open Access | Published: 08 April 2022 |

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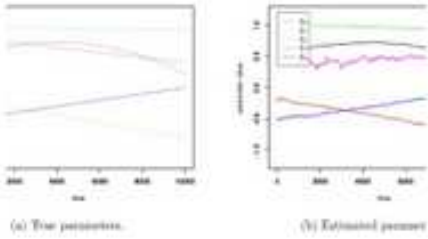
Regression markets and application to energy forecasting



Pierre Pinson, Liyang Han & Jalal Kazempour

Original Paper | Open Access | Published: 13 May 2022 |

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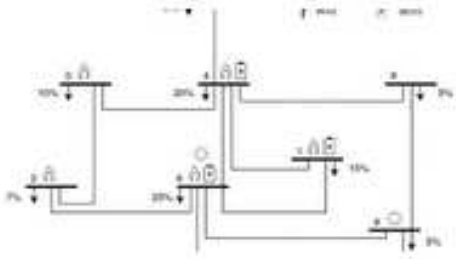
The impact of convexity on expansion planning in low-carbon electricity markets



S. Wogrin, D. Tejada-Arango ... A. Botterud

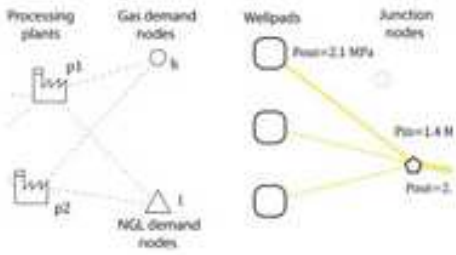
Original Paper | Open Access | Published: 08 June 2022 | Pages: 574 - 593

Integrating unimodality into distributionally robust optimal power flow

Bowen Li, Ruiwei Jiang & Johanna L. Mathieu

Original Paper | Published: 18 June 2022 | Pages: 594 - 617

Recent contributions to the optimal design of pipeline networks in the energy industry using mathematical programming



Diego C. Cafaro, Demian J. Presser & Ignacio E. Grossmann

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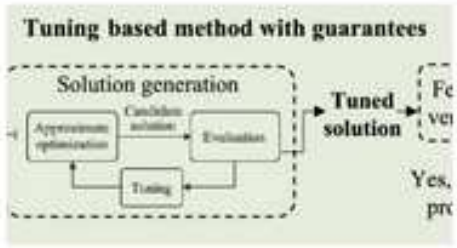
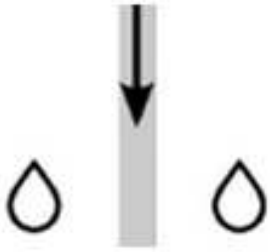
Data-driven tuning for chance constrained optimization: analysis and extensions



Ashley M. Hou & Line A. Roald

Original Paper | Published: 10 August 2022 | Pages: 649 - 682

Day-ahead market bidding taking the balancing power market into account



Gro Klæboe, Jørgen Braathen ... Stein-Erik Fleten

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