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IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 24   Issue: 4   Pages: 1841-1854   Published: NOV 2009

Full Text from Publisher   View Abstract ▼

Times Cited: 119
(from Web of Science Core Collection)

---

2. **Natural gas and electricity optimal power flow**
By: An, S.; Li, Q.; Gedra, T. W.
P IEEE PES TRANSM DI   Volume: 1   Pages: 7-12   Published: 2003

Times Cited: 11
(from Web of Science Core Collection)

---

3. **GAMS-The solver manuals**
By: [Anonymous].
Tech. Rep   Published: Mar 2016
[Online]. Available
Publisher: GAMS Develop. Corporat., Washington, DC, USA
URL: http://www.gams.com/help/topic/gams.doc/solvers/allsolvers.pdf

Times Cited: 3
(from Web of Science Core Collection)

☐ 4. **Acceleration of Umbrella Constraint Discovery in Generation Scheduling Problems**
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IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 30   Issue: 4   Pages: 2100-2109   Published: JUL 2015

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IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 28   Issue: 4   Pages: 3924-3934   Published: NOV 2013

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(from Web of Science Core Collection)

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IEEE TRANSACTIONS ON SMART GRID   Volume: 7   Issue: 2   Special Issue: SI   Pages: 650-658   Published: MAR 2016

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Times Cited: 53
(from Web of Science Core Collection)

☐ 7. **Coupled optimization of electricity and natural gas systems using augmented Lagrangian and an alternating minimization method**
By: Biskas, P. N.; Kanelakis, N. G.; Papamatthaiou, A.; et al.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS   Volume: 80   Pages: 202-218   Published: SEP 2016

Full Text from Publisher   View Abstract ▼

Times Cited: 5
(from Web of Science Core Collection)

8. **Optimal power flow computations with constraints limiting the number of control actions**
    By: Capitanescu, F.; Rosehart, W.; Wehenkel, L.
    IEEE BUCH POW TECH C Pages: 1-8 Published: Jun 2009

    Times Cited: **7**
    (from Web of Science Core Collection)

9. **Optimal Power Flow Computations With a Limited Number of Controls Allowed to Move**
    By: Capitanescu, Florin; Wehenkel, Louis
    IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 25 Issue: 1 Pages: 586-587 Published: FEB 2010

    Full Text from Publisher   View Abstract ▼

    Times Cited: **20**
    (from Web of Science Core Collection)

10. **Integrated Power and Natural Gas Model for Energy Adequacy in Short-Term Operation**
    By: Correa-Posada, Carlos M.; Sanchez-Martin, Pedro
    IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 6 Pages: 3347-3355 Published: NOV 2015

    Full Text from Publisher   View Abstract ▼

    Times Cited: **45**
    (from Web of Science Core Collection)

11. **Security-Constrained Optimal Power and Natural-Gas Flow**
    By: Correa-Posada, Carlos M.; Sanchez-Martin, Pedro
    IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 29 Issue: 4 Pages: 1780-1787 Published: JUL 2014

    Full Text from Publisher   View Abstract ▼

    Times Cited: **60**
    (from Web of Science Core Collection)

12. **Exact Penalty Function Based Constraint Relaxation Method for Optimal Power Flow Considering Wind Generation Uncertainty**
    By: Ding, Tao; Bo, Rui; Li, Fangxing; et al.
    IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 30 Issue: 3 Pages: 1546-1547 Published: MAY 2015

    Full Text from Publisher   View Abstract ▼

    Times Cited: **8**
    (from Web of Science Core Collection)

13. **THE TROUBLED LINK BETWEEN GAS AND ELECTRICITY GRIDS**
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    IEEE SPECTRUM Volume: 53 Issue: 6 Pages: 11-12 Published: JUN 2016

    Full Text from Publisher

    Times Cited: **6**
    (from Web of Science Core Collection)

14. **Improving gas transmission networks operation using simulation algorithms: Case study of the National Iranian Gas Network**
    By: Fasihizadeh, Maryam; Sefti, Mohsen V.; Torbati, Hassan M.
    JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING Volume: 20 Pages: 319-327 Published: SEP 2014

    Full Text from Publisher   View Abstract ▼

    Times Cited: **12**
    (from Web of Science Core Collection)

15. **Load shedding strategies using optimal load flow with relaxation of restrictions**
    By: Femandes, Thelma S. P.; Lenzi, J. R.; Mikilita, Miguel A.
    IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 23 Issue: 2 Pages: 712-718 Published: MAY 2008

    Full Text from Publisher   View Abstract ▼

    Times Cited: **28**
    (from Web of Science Core Collection)

16. **Optimal power flow of multiple energy carriers**
    By: Geidl, Martin; Andersson, Goeran
    IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 22 Issue: 1 Pages: 145-155 Published: FEB 2007

    Full Text from Publisher   View Abstract ▼

    Times Cited: **321**
    (from Web of Science Core Collection)

17. **Power-to-gas plants and gas turbines for improved wind energy dispatchability: Energy and economic assessment**
    By: Guandalini, Giulio; Campanari, Stefano; Romano, Matteo C.
    APPLIED ENERGY Volume: 147 Pages: 117-130 Published: JUN 1 2015

    Full Text from Publisher   View Abstract ▼

    Times Cited: **77**
    (from Web of Science Core Collection)

    🏆 Highly Cited Paper

18. The interdependence of electricity and natural gas: current factors and future prospects
    By: Hibbard, P.; Schatzki, T.
    Electr J Volume: 25 Issue: 4 Pages: 6-17 Published: 2012

    Times Cited: **35**
    (from Web of Science Core

Collection)

19. **Application of augmented Lagrangian relaxation to coordinated scheduling of interdependent hydrothermal power and natural gas systems**
By: Liu, C.; Shahidehpour, M.; Wang, J.
IET GENERATION TRANSMISSION & DISTRIBUTION   Volume: 4   Issue: 12   Pages: 1314-1325   Published: DEC 2010

Full Text from Publisher   View Abstract ▼

Times Cited: 38
(from Web of Science Core Collection)

20. **Coordinated scheduling of electricity and natural gas infrastructures with a transient model for natural gas flow**
By: Liu, Cong; Shahidehpour, Mohammad; Wang, Jianhui
CHAOS   Volume: 21   Issue: 2   Article Number: 025102   Published: JUN 2011

Full Text from Publisher   View Abstract ▼

Times Cited: 27
(from Web of Science Core Collection)

21. **Exploiting the Use of DC SCOPF Approximation to Improve Iterative AC SCOPF Algorithms**
By: Marano-Marcolini, Alejandro; Capitanescu, Florin; Martinez-Ramos, Jose Luis; et al.
IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 27   Issue: 3   Pages: 1459-1466   Published: AUG 2012

Full Text from Publisher   View Abstract ▼

Times Cited: 23
(from Web of Science Core Collection)

22. **A Decomposed Solution to Multiple-Energy Carriers Optimal Power Flow**
By: Moeini-Aghtaie, Moein; Abbaspour, Ali; Fotuhi-Firuzabad, Mahmud; et al.
IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 29   Issue: 2   Pages: 707-716   Published: MAR 2014

Full Text from Publisher   View Abstract ▼

Times Cited: 76
(from Web of Science Core Collection)

23. Optimal power flow with limited and discrete controls
By: Murray, W.; De Rubira, T.T.; Wigington, A.
Conference: 2015 IEEE Power & Energy Society Innovative Smart Grid Technologies Conference (ISGT) Location: Washington, DC, USA Date: 18-20 Feb. 2015
2015 IEEE Power & Energy Society Innovative Smart Grid Technologies Conference (ISGT). Proceedings   Pages: 1-5   Published: 2015

Times Cited: 1
(from Web of Science Core Collection)

24. **An integrated transient model for simulating the operation of natural gas transport systems**
By: Pambour, Kwabena Addo; Bolado-Lavin, Ricardo; Dijkema, Gerard P. J.
JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING   Volume: 28   Pages: 672-690   Published: JAN 2016

Full Text from Publisher   View Abstract ▼

Times Cited: 13
(from Web of Science Core Collection)

25. **Minimal Impact Corrective Actions in Security-Constrained Optimal Power Flow Via Sparsity Regularization**
By: Phan, Dzung T.; Sun, Xu Andy
IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 30   Issue: 4   Pages: 1947-1956   Published: JUL 2015

Full Text from Publisher   View Abstract ▼

Times Cited: 14
(from Web of Science Core Collection)

26. **A Linear Programming Approach to Expansion Co-Planning in Gas and Electricity Markets**
By: Qiu, Jing; Yang, Hongming; Dong, Zhao Yang; et al.
IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 31   Issue: 5   Pages: 3594-3606   Published: SEP 2016

Full Text from Publisher   View Abstract ▼

Times Cited: 19
(from Web of Science Core Collection)

27. **Corrective Voltage Control Scheme Considering Demand Response and Stochastic Wind Power**
By: Rabiee, Abbas; Soroudi, Alireza; Mohammadi-ivatloo, Behnam; et al.
IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 29   Issue: 6   Pages: 2965-2973   Published: NOV 2014

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Times Cited: 51
(from Web of Science Core Collection)

28. **Optimization problems in natural gas transportation systems: A state-of-the-art review**
By: Rios-Mercado, Roger Z.; Borraz-Sanchez, Conrado
APPLIED ENERGY   Volume: 147   Pages: 536-555   Published: JUN 1 2015

Times Cited: 74
(from Web of Science Core Collection)

Full Text from Publisher   View Abstract ▼

29. **Coordinated Operation of Natural Gas and Electricity Networks With Microgrid Aggregators**
By: Sardou, Iman Goroohi; Khodayar, Mohammad E.; Ameli, Mohammad Taghi
IEEE TRANSACTIONS ON SMART GRID   Volume: 9   Issue: 1   Pages: 199-210   Published: JAN 2018

Times Cited: **5**
(from Web of Science Core Collection)

Full Text from Publisher   View Abstract ▼

30. **CURTAILED NUMBER AND REDUCED CONTROLLER MOVEMENT OPTIMIZATION ALGORITHMS FOR REAL-TIME VOLTAGE REACTIVE POWER-CONTROL**
By: SOMAN, SA; PARTHASARATHY, K; THUKARAM, D
IEEE TRANSACTIONS ON POWER SYSTEMS   Volume: 9   Issue: 4   Pages: 2035-2041   Published: NOV 1994

Times Cited: **15**
(from Web of Science Core Collection)

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