

**Cited References: 69***(from Web of Science Core Collection)***From:** The effect of distributed electricity generation using natural gas on the electric and natural gas g ...[More](#)Page of 3 Select Page[Find Related Records >](#)31. **The potential of distributed generation to provide ancillary services**

By: Joos, G; Ooi, BT; McGillis, D; et al.

Book Group Author(s): IEEE; IEEE

2000 IEEE POWER ENGINEERING SOCIETY SUMMER MEETING, CONFERENCE PROCEEDINGS, VOLS 1-4

Pages: 1762-1767 Published: 2000

Times Cited: 43*(from Web of Science Core Collection)*32. **Cloud-Based Demand Response for Smart Grid: Architecture and Distributed Algorithms**

By: Kim, H.; Kim, Y.-J.; Yang, K.; et al.

2011 IEEE INT C SMAR Pages: 398-403 Published: 2011

[\[Show additional data\]](#)**Times Cited: 3***(from Web of Science Core Collection)*33. **Control Mechanisms for Residential Electricity Demand in SmartGrids**

By: Kishore, Shalinee; Snyder, Lawrence V.

Book Group Author(s): IEEE

2010 IEEE 1ST INTERNATIONAL CONFERENCE ON SMART GRID COMMUNICATIONS (SMARTGRIDCOMM) Book

Series: International Conference on Smart Grid Communications Pages: 443-448 Published: 2010

Times Cited: 29*(from Web of Science Core Collection)* 34. **Energy production planning of a network of micro combined heat and power generators**

By: Kopanos, Georgios M.; Georgiadis, Michael C.; Pistikopoulos, Efstratios N.

APPLIED ENERGY Volume: 102 Special Issue: SI Pages: 1522-1534 Published: FEB 2013

Times Cited: 45*(from Web of Science Core Collection)*35. **complementarities and tensions at the nexus of natural gas and renewable energy**

By: Lee, A; Zinaman, O; Logan, J; et al.

Electricity J Volume: 25 Pages: 38-48 Published: 2012

[\[Show additional data\]](#)**Times Cited: 2***(from Web of Science Core Collection)*36. **Optimal demand response based on utility maximization in power networks**

By: Li, N.; Chen, L.; Low, S. H.

P IEEE POW EN SOC GE Pages: 1-8 Published: 2011

Times Cited: 137*(from Web of Science Core Collection)* 37. **Interdependency of Natural Gas Network and Power System Security**

By: Li, Tao; Eremia, Mircea; Shahidehpour, Mohammad

IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 23 Issue: 4 Pages: 1817-1824 Published: NOV 2008

Times Cited: 59*(from Web of Science Core Collection)* 38. **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

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

39. **Natural gas scenarios in the US power sector**
By: Logan, Jeffrey; Lopez, Anthony; Mai, Trieu; et al.
ENERGY ECONOMICS Volume: 40 Pages: 183-195 Published: NOV 2013
[Full Text from Publisher](#) [View Abstract](#)
Times Cited: 16
(from Web of Science Core Collection)
40. **Model Predictive Control for the Operation of Building Cooling Systems**
By: Ma, Yudong; Borrelli, Francesco; Hency, Brandon; et al.
IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 20 Issue: 3 Pages: 796-803 Published: MAY 2012
[View Abstract](#)
Times Cited: 96
(from Web of Science Core Collection)
Highly Cited Paper
41. **A review on energy, economical, and environmental benefits of the use of CHP systems for small commercial buildings for the North American climate**
By: Mago, P. J.; Chamra, L. M.; Hueffed, A.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH Volume: 33 Issue: 14 Pages: 1252-1265 Published: NOV 2009
[View Abstract](#)
Times Cited: 31
(from Web of Science Core Collection)
42. **Paradigm shift in urban energy systems through distributed generation: Methods and models**
By: Manfren, Massimiliano; Caputo, Paola; Costa, Gaia
APPLIED ENERGY Volume: 88 Issue: 4 Pages: 1032-1048 Published: APR 2011
[Full Text from Publisher](#) [View Abstract](#)
Times Cited: 120
(from Web of Science Core Collection)
Highly Cited Paper
43. **Optimal operation of a residential district-level combined photovoltaic/natural gas power and cooling system**
By: Ondeck, Abigail D.; Edgar, Thomas F.; Baldea, Michael
APPLIED ENERGY Volume: 156 Pages: 593-606 Published: OCT 15 2015
[Full Text from Publisher](#) [View Abstract](#)
Times Cited: 12
(from Web of Science Core Collection)
44. **Review on modeling and simulation of interdependent critical infrastructure systems**
By: Ouyang, Min
RELIABILITY ENGINEERING & SYSTEM SAFETY Volume: 121 Pages: 43-60 Published: JAN 2014
[Full Text from Publisher](#) [View Abstract](#)
Times Cited: 69
(from Web of Science Core Collection)
Highly Cited Paper
45. **Visualizing the electric grid**
By: Overbye, T.J.; Weber, J.D.
IEEE SPECTRUM Volume: 38 Issue: 2 Pages: 52-+ Published: FEB 2001
Times Cited: 38
(from Web of Science Core Collection)
46. **Demand Side Management: Demand Response, Intelligent Energy Systems, and Smart Loads**
By: Palensky, Peter; Dietrich, Dietmar
IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS Volume: 7 Issue: 3 Pages: 381-388 Published: AUG 2011
[View Abstract](#)
Times Cited: 516
(from Web of Science Core Collection)
Highly Cited Paper
47. **Transmission Planning Under Uncertainties of Wind and Load: Sequential Approximation Approach**
By: Park, Heejung; Baldick, Ross
IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 28 Issue: 3 Pages: 2395-2402 Published: AUG 2013
[View Abstract](#)
Times Cited: 28
(from Web of Science Core Collection)
48. **Implications of on-site distributed generation for commercial/industrial facilities**
By: Pipattanasomporn, M; Willingham, M; Rahman, S
IEEE TRANSACTIONS ON POWER SYSTEMS Volume: 20 Issue: 1 Pages: 206-212 Published: FEB 2005
[View Abstract](#)
Times Cited: 55
(from Web of Science Core Collection)
49. **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
[Full Text from Publisher](#) [View Abstract](#)
Times Cited: 19
(from Web of Science Core Collection)
50. **Optimal planning of energy hubs in interconnected energy systems: a case study for natural gas and**
Times Cited: 6
(from Web of Science Core Collection)

electricity

Collection)

By: Salimi, Mohammad; Ghasemi, Hassan; Adelpour, Mohammad; et al.

IET GENERATION TRANSMISSION & DISTRIBUTION Volume: 9 Issue: 8 Pages: 695-707 Published: MAY 21 2015

[View Abstract](#)

- 51. **Process energy systems: Control, economic, and sustainability objectives**
 By: Sirola, J. J.; Edgar, T. F.
 COMPUTERS & CHEMICAL ENGINEERING Volume: 47 Pages: 134-144 Published: DEC 20 2012

[Full Text from Publisher](#)
[View Abstract](#)

Times Cited: 20
(from Web of Science Core Collection)
- 52. **Emissions from distributed vs. centralized generation: The importance of system performance**
 By: Strachan, Neil; Farrell, Alexander
 ENERGY POLICY Volume: 34 Issue: 17 Pages: 2677-2689 Published: NOV 2006

[Full Text from Publisher](#)
[View Abstract](#)

Times Cited: 53
(from Web of Science Core Collection)
- 53. **Integrating scheduling and control for economic MPC of buildings with energy storage**
 By: Touretzky, Cara R.; Baldea, Michael
 JOURNAL OF PROCESS CONTROL Volume: 24 Issue: 8 Special Issue: SI Pages: 1292-1300 Published: AUG 2014

[Full Text from Publisher](#)
[View Abstract](#)

Times Cited: 19
(from Web of Science Core Collection)
- 54. **Nonlinear model reduction and model predictive control of residential buildings with energy recovery**
 By: Touretzky, Cara R.; Baldea, Michael
 JOURNAL OF PROCESS CONTROL Volume: 24 Issue: 6 Special Issue: SI Pages: 723-739 Published: JUN 2014

[Full Text from Publisher](#)
[View Abstract](#)

Times Cited: 14
(from Web of Science Core Collection)
- 55. Title: [not available]
 Group Author(s): U.S. Energy Information Administration
 About U.S. natural gas pipelines

Times Cited: 1
(from Web of Science Core Collection)
- 56. Title: [not available]
 Group Author(s): U.S. Energy Information Administration
 Electric generator dispatch depends on system demand and the relative cost of operation

Times Cited: 1
(from Web of Science Core Collection)
- 57. Title: [not available]
 Group Author(s): U.S. Energy Information Administration
 Household energy use in texas Published: 2009

Times Cited: 1
(from Web of Science Core Collection)
- 58. Title: [not available]
 Group Author(s): U.S. Energy Information Administration
 Natural gas consumption by end use

Times Cited: 4
(from Web of Science Core Collection)
- 59. Title: [not available]
 Group Author(s): U.S. Energy Information Administration
 Number of natural gas residential consumers in texas

Times Cited: 1
(from Web of Science Core Collection)
- 60. Title: [not available]
 Group Author(s): U.S. Energy Information Administration
 State electricity profiles. Table 10. Supply and disposition of electricity Published: 1990

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

Select Page



[Save to EndNote online](#)

[Add to Marked List](#)

