

Jiang Lin
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EXPERIENCE

Lawrence Berkeley National Laboratory

2016-present

Nat Simons Presidential Chair in China Energy Policy

Staff Scientist, Electricity Markets and Policy Department

Director, Berkeley Tsinghua Joint Research Center on Energy and Climate Change (2016-2020)

- Research focusing on power sector decarbonization (phasing out coal power in China), non-CO2 GHG mitigations and reduction of short-lived climate pollutants, appliance efficiency standards, and low-carbon economic transition in China and internationally.
- Led the establishment of Berkeley-Tsinghua Joint Research Center on Energy and Climate Change, and the development of strategic plans on research, education, and outreach.

University of California, Berkeley

Adjunct Professor, Department of Agricultural and Resources Economics

2018-present

Courses: Energy and Climate Policy in China (2021, 2022); Climate, Energy, and Development (2018, 19)

Energy Foundation

Senior Vice President, China Strategy and Analysis

2014-2016

- Strategic planning and analysis to support Energy Foundation's China program.
- Launched flagship studies on China's energy and climate scenarios: Re-Inventing Fire China and China's 2050 Renewable High Penetration Scenario Analysis.
- Engaged in high-level energy and climate policy dialogue between US/California and China
- Fundraising in US and Asia

Energy Foundation

Vice President/Chairman/Director, China Sustainable Energy Program

2007-2013

- Leadership of the largest environmental NGO in China, the China Sustainable Energy Program (CSEP), which supports policy development and implementation to promote clean energy and climate solutions in China.
- Oversaw CSEP's strategy development and outreach to both national and local stakeholders in China.
- Led the rapid organizational growth from 12 staff and \$12 million in 2007 to 39 staff and \$45 million in 2013.
- Expanded energy sector programs to include urban planning and air quality, with a project portfolio of over 230 projects per years, and build partnership with about 150 institutions in and outside of China
- Led the development of a ten-year strategic plan for EF China
- Incubated three subsidiaries: China Sustainable Transportation Center (urban and transit design), iGDP (low-carbon economy think-tank), and Clean Air Alliance of China (NGO on air quality improvement).
- Expanded new funding partnership in Europe, and created new revenue models in China

Lawrence Berkeley National Laboratory

1994-2007

Staff Scientist/Scientist, China Energy Group and Appliance Standards Group

- Led LBNL's research and advisory activities to various Chinese agencies on their energy efficiency target (a 20% reduction in energy intensity) set in China's 11th Five-Year Plan
- Conducted research in the areas of energy policy, low-carbon development paths, energy efficiency investment in China, energy demand modeling and scenarios, and energy use in buildings.

- Served as an advisor to various Chinese and multilateral agencies (UNDP, IFC, and ADB).

**University of Pennsylvania
NIA PostDoctoral Fellow**

January 1993-August 1994

- Research projects included: 1) study of financial feasibility of China's pension and social security programs; and 2) the relationship of population and the environment.

**Environmental Defense Fund
Energy Analyst**

August-November 1992

- Analyzed strategic planning of the electric utility industry to search for both cost-effective and environmentally-friendly solutions to serve the future demand for energy.

**Institute of Population and Economic Research, Xi'an Jiaotong University
Research Associate**

1984-1987

- Conducted econometric analysis of regional economy and advised provincial governments on strategic economic development planning. Taught classes on population.

EDUCATION

Ph.D. in Demography, University of California at Berkeley, 1992

Honorable Mention in **John Heinz Dissertation Award**, the National Academy of Social Insurance: "Parity and Security: A Simulation Study of Population Aging, Kinship Network, and Old Age Security in China."

M.S. in Operations Research, Xi'an Jiaotong University, 1987

B.S., Department of Cybernetics Engineering, Xi'an Jiaotong University, China, 1984

Executive Education Program on Leadership, Harvard Business School, May, 2012

AWARDS AND FELLOWSHIPS

Nat Simons Presidential Chair in China Energy Policy, Lawrence Berkeley National Lab (2017-present)

Best Mention, John Heinz Dissertation Award, the National Academy of Social Insurance, 1993

NIA PostDoctoral Fellow, 1993-94

Population Council Fellow, 1991

Rockefeller Fellow, 1990

Ritchie Reed Fellow, 1989

Population Council Fellow, 1987-89

PROFESSIONAL SERVICES

International Expert on Special Policy Study on Green Urbanization, China Council for International Cooperation on Environment and Development, 2018-2021

Member, National Committee of US-China Relationship, 2009-present

Advisory Board Member, Jackson Hole Center for Global Affairs, 2018-present

Member, Pacific Council of International Policy, 2009-2016

Board Member, China Sustainable Transportation Center, 2007-2015

Member, Leadership Council, China US Energy Efficiency Alliance, 2007-2016

Board member, Shanghai Pacific Energy Center, 2002-2008

LANGUAGE

Chinese, native, excellent

English, excellent

SELECTED PUBLIC SPEAKING

International Summit on Electricity Market (2019)
CCICED 2017 and 2018 Annual General Meeting
Chatham House Climate Change Conference (2017)
Aspen Institute Congressional Program (2008, 2016)
International Forum on Energy Transition (2016)
Sino-US Climate Leaders' Summit (2015)
Pacific Cities Sustainability Initiative Conference (2014, 2015)
SwissRe 150-year Anniversary Celebration Day (2014)
Vail Global Energy Forum (2014)
Sino-US Energy Efficiency Forum (2013, 2017)

PUBLICATIONS

Refereed archival journal articles:

1. N Abhyankar, J Lin*, F Kahrl, SF Yin, U Paliwal X Liu, N Khanna, Q Luo D Wooley, M O'Boyle, O Ashmoore, R Orvis, M Solomon, A Phadke, 2022, "Achieving an 80% carbon-free electricity system in China by 2035," *iScience*, <https://doi.org/10.1016/j.isci.2022.105180>
2. J Lin, N Khanna, X Liu, WJ Wang, J Gordon, and F Dai, 2022, "Opportunities to tackle short-lived climate pollutants and other greenhouse gases for China," *SciTotEnv*, <https://doi.org/10.1016/j.scitotenv.2022.156842>
3. T Ding, YG Sun; C Huang; CL Mu; YQ Fan; J Lin; and YN Qin, 2022, "Pathways of clean energy heating electrification programs for reducing carbon emissions in Northwest China," *Renewable and Sustainable Energy Reviews*. <https://doi.org/10.1016/j.rser.2022.112679>
4. J Lin, N Abhyankar, G He, X Liu, S Yin, 2022, [Large balancing areas and dispersed renewable investment enhances grid flexibility in a renewable-dominant power system in China](#), *iScience* (2022)
5. Liu Z., Z Deng, G He, H Wang, X Zhang, J Lin, Y Qi, and X Liang, "[Challenges and opportunities for carbon neutrality in China](#)," *Nat Rev Earth Environ* (2021).
6. F Kahrl, J Lin*, X Liu, JF Hu, 2021, "[Sunsetting coal power in China](#)," *iScience* (2021)
7. JF Hu, QY Yan, F Kahrl, X Liu, P Wang, J Lin, 2021, "[Evaluating the ancillary services market for large-scale renewable energy integration in China's northeastern power grid](#)," *Utility Policy* (2021)
8. G He; J Lin; Y Zhang; WH Zhang; G Larangeira; C Zhang; W Peng; MZ Liu; FQ Yang, 2020, "[Enabling a rapid and just transition away from coal in China](#)," *One Earth*
9. W Du, M Li, Ke Li, and J Lin, "Impact of Energy Market Distortions on the Productivity of Energy Enterprises in China," September, 2020, the *Energy Journal*.
10. NF O'Neill, JM Ma, DC Walther, LR Brockway, C Ding, J Lin, 2020, "A Modified Total Equivalent Warming Impact Analysis: Addressing Direct and Indirect Emissions Due to Corrosion", STOTEN, doi.org/10.1016/j.scitotenv.2020.140312
11. A Phadke, N Shah, J Lin, WY Park, YS Zhang, D Zaelke, C Ding and N Karali, "Chinese Policy Leadership Would Cool Global Air Conditioning Impacts: Looking East," 2020, Energy Research & Social Sciences, <https://doi.org/10.1016/j.erss.2020.101570>
12. He, G, J Lin, F Sifuentes, X Liu, N Abhyankar, and A Phadke. "Rapid cost decrease of renewables and storage accelerates the decarbonization of China's power system". *Nature Communications*, **11**, 2486 (2020). <https://doi.org/10.1038/s41467-020-16184>
13. J Lin*, X Liu, G He, 2020, "Regional electricity demand and economic transition in China," *Utilities Policy*, <https://doi.org/10.1016/j.iup.2020.101047>
14. N Abhyankar, J Lin*, X Liu, F Sifuentes, 2020, "[Economic and environmental benefits of market-based power-system reform in China: A case study of the Southern grid system](#)," *Resources, Conservation and Recycling* 153 (2020).

15. N Karali, N Shah, WY Park, N Khanna, C Ding, J Lin, N Zhou, 2020, "Improving the energy efficiency of room air conditioners in China: Costs and benefits," *Applied Energy*.
16. J Lin*, N Khana, X Liu, F Teng, and X Wang, 2019, "China's Non-CO2 Greenhouse Gas Emissions: Future Trajectories and Mitigation Options and Potential," *Scientific Reports*
17. Jiang Lin*, Fredrich Kahrl, Jiahai Yuan, Xu Liu and Weirong Zhang. ["Challenges and strategies for electricity market transition in China."](#) *Energy Policy* 133 (2019) 110899.
18. Li, Hao, Jiang Lin*, Yuhuan Zhao, and Jia-Ning Kang. "Identifying the driving factors of energy-water nexus in Beijing from both economy- and sector-wide perspectives." *Journal of Cleaner Production*, July 2019. DOI: [10.1016/j.jclepro.2019.07.001](#).
19. Hao Li, Yuhuan Zhao*, Jiang Lin*. A review of the energy-carbon-water nexus: Concepts, research focuses, mechanisms, and methodologies. WIREs Energy and Environment, 2019, [https://doi.org/10.1002/wene.358](#).
20. Hao Li, Yuhuan Zhao*, Song Wang, Jiang Lin. Scenario analysis of ETS revenue allocation mechanism of China: based on a dynamic CGE model. *Environ Science and Pollution Research*, 2019, [https://doi.org/10.1007/s11356-019-05964-8](#).
21. Xu Liu, Jiang Lin*, Junfeng Hu*, [Hongyou](#) Lu, and [Jiaru](#) Cai. ["Economic Transition, Technology Change, and Energy Consumption in China: A Provincial-Level Analysis _"](#) *Energies* 12.13 (2019) 2581.
22. Hu, Junfeng, Qingyou Yan, Xingmei Li, Zhong-Zhong Jiang, Fredrich Kahrl, Jiang Lin*, and Peng Wang*. "A cooperative game-based mechanism for allocating ancillary service costs associated with wind power integration in China." *Utilities Policy* vol 58, June 2019. DOI: [10.1016/j.jup.2019.05.008](#).
23. Jiang Lin*, F. Kahrl, JH Yuan, QX Chen, and X Liu, 2019, "Economic and carbon emission impacts of electricity market transition in China: A case study of Guangdong Province," *Applied Energy*, [https://doi.org/10.1016/j.apenergy.2019.01.128](#)
24. Jiang Lin, 2018, "China's electricity switch won't be swift or painless," *Nature*, DOI: [10.1038/d41586-018-06894-0](#)
25. CH Springer, S Evans, J Lin, and D Roland-Holst, 2018, "Low Carbon Growth in China: The Role of Emissions Trading in a Transitioning Economy," *Applied Energy*. [https://doi.org/10.1016/j.apenergy.2018.11.046](#)
26. H Huang, D Roland-Holst, C Springer, J Lin, W Cai, C Wang, 2019, "Emissions trading systems and social equity: A CGE assessment for China." *Applied Energy*, [https://doi.org/10.1016/j.apenergy.2018.11.056](#)
27. J Lin, DG Fridley, HY Lou, LK Price, and N Zhou, 2018, "Has coal use peaked in China: Near-term trends in China's coal consumption," *Energy Policy*.
28. SY Liu, CH Bie, J Lin, XF Wang, 2018, "Curtailement of renewable energy in Northwest China and market-based solutions," *Energy Policy* 123.
29. Wang Xin, Teng Fei, Zhang Jingjing, Nina Khana, and Jiang Lin, 2017, "Challenges to addressing non-CO₂ greenhouse gases in China's long-term climate strategy," *Climate Policy*
30. Jiang Lin, Fredrich Kahrl, Xu Liu, 2018, "A Regional Analysis of Excess Capacity in China's Power Systems," *Resources, Conservation, and Recycling* 129 (2018) 93-101.
31. Qing Shen, Simin Xu, and Jiang Lin, 2017, "Effects of Bus Transit-Oriented Development (BTOD) on Single-Family Property Value in Seattle Metropolitan Area," *Urban Studies*. [https://doi.org/10.1177/0042098017729078](#)
32. Jiang Lin, Gang He, and Alexandria Yuan, 2016, "Economic Rebalancing and Changing Electricity Demand in China," the *Electricity Journal* 29 (2016), pp 48-54.
33. Jiang Lin, Nan Zhou, Mark D. Levine, and David Fridley, 2008, "Taking out 1 billion tons of CO₂: The magic of China's 11th Five-Year Plan?" *Energy Policy*, 36 (3): 954-970.

34. Jiang Lin and Gregory Rosenquist, 2008, "Stay cool with less work: China's new energy-efficiency standards for air conditioners," *Energy Policy*, 36 (3): 1090-1095.
35. Jiang Lin and Maithili Iyer, 2007, "Cold or Hot Wash: technological choices, cultural change, and their impact on clothes washing energy use in China," *Energy Policy* 35 (5): 3046-3052.
36. Jiang Lin, 2007, "Energy Conservation Investments: A Comparison between China and the U.S.," *Energy Policy* 35 (2): 916-924.
37. Jiang Lin, 2005, "A light diet for a giant appetite: An assessment of China's fluorescent lamp standard," *Energy*, 30 (10): 1873-1887.
38. Jiang Lin, 2002, "Appliance Standards and Labeling Programs in China," *Annual Review of Energy and Environment*, Vol. 27: 349-367.
39. Jiang Lin, 1995, "Changing Kinship Structure and its Implications for Old Age Support in Urban and Rural China," *Population Studies*, 1995.
40. Jiang Lin, 1994, "Parity and Security: A Simulation Study of Population Aging and Old Age Security in Rural China", *Population and Development Review*, June, 1994.

Non-refereed journal articles:

41. P Wang, SQ Han, ZY Chen, FQ Jia, J Lin, 2021, "电力市场与水资源市场协同发展机制研究 (Coordination mechanisms of electricity and water markets)," 价格理论与实践 (Price: Theories and Practices) ISSN 1003-3971, CN 11-1010/F
42. Jiang Lin, 2006, "Managing Energy Demand: The bridge to sustainability," *China Economic Quarterly*, Volume 10 Issue 4, Hong Kong, China
43. Jiang Lin, 2005, "One Rice Cooker, Two Cell Phones, and Three TVs: Consumer Appliances and the Energy Challenge for China," *Business Forum China*, Vol. 6, 2005, Shanghai, China.
44. Jiang Lin, 2002, "A Trickle Turns into a Flood: Standby Power Loss in China," *Sinosphere*, Winter, 2002.
45. Jiang Lin, 2002, "Made for China: Energy Efficiency Energy Standards and Labels for Household Appliances," *Sinosphere*, Winter 2002.

Books/Book Chapters:

46. C. ZHU, Zhang, and J. LIN, 1987, *Population Control: A Social System Engineering* (in Chinese), Popular Science Press, Beijing, China.

Book Chapter:

47. Jiang Lin, Abhyankar, Nikit, Xu Liu, and Froylan Sifuentes, 2019, "中国电力市场转型的挑战和对策 (Challenges and Options of Power Market Transition in China)," in Chinese, *International Clean Energy Industry Development Report*, International Forum for Clean Energy.

Conference papers:

48. Q Luo, F Garcia-Menendez, J Lin*, JX Johnson*, "Operating the Power System in China for Climate and Public Health Benefits with Economic Dispatch," 2022 AEESP Conference, June 28-30.
49. J Lin, N Abhyankar, G He, X Liu, S Yin, "Assessing flexibility options and operational impact of a renewable- dominant power system in China," present at IEW 2022, Germany, May 25-27, 2022
50. J Lin, F. Karhl, JH Yuan, QX Chen, and X Liu, 2018, "Power market reform in China: Dividends, market impacts, and transition options," paper presented at 6th IAEE Asia Conference, November, 2018, Wuhan, China

51. X Liu, Jiang Lin, Junfeng Hu, Hongyou Lu, Jiaru Cai, and Cecilia Springer, 2018, “A provincial-level analysis of economic transition and energy consumption in China,” paper presented at 6th IAEE Asia Conference, November, 2018, Wuhan, China
52. CH Springer, S Evans, J Lin, and D Roland-Holst, 2018, “Low Carbon Growth in China: The Role of Emissions Trading in a Transitioning Economy,” paper presented at 6th IAEE Asia Conference, November, 2018, Wuhan, China
53. Jiang Lin, Xu Liu, Gang He, Jin Guo, 2017, “Regional Electricity Demand and Economic Transition in China,” paper presented at the 35th USAEE/IAEE Conference, Houston, US
54. Jiang Lin, 2016, “Economic Restructuring and Energy Use in China,” paper for the *Aspen Institute Congressional Education Program*, 2016.
55. Qing Shen, Simin Xu, and Jiang Lin, 2015, “Housing Price Premiums of Bus Transit Oriented Development (BTOD) in Seattle Metropolitan Area,” paper presented at the 55th Annual ACSP Conference, Houston, October 22, 2015
56. Jiang Lin, 2008, “Energy in China: Myths, Reality and Challenges,” paper presented at the *Aspen Congressional Program*, March 2008, Hawaii.
57. Bressand, Florian, Zhou, Nan, and Lin, Jiang, 2007, “Energy use in commercial building in China: Current situation and future scenarios,” *European Council for an Energy Efficient Economy (ECEEE) 2007 Summer Study Proceedings*, paper No. 5312, June 2007. Nice, France, LBNL-62839
58. Jiang LIN, Nan Zhou, Mark D. Levine, and David Fridley, “Taking out one billion tones of carbon: the magic of China’s 11th Five-Year Plan,” *European Council for an Energy Efficient Economy (ECEEE) 2007 Summer Study Proceedings*, paper No. 5312, June 2007. Nice, France, LBNL-62886
59. Jiang Lin and Maithili Iyer, 2005, “Cold or Hot Wash: How technological choices would lead to cultural change and potential increase in clothes washing energy use in China,” in the *proceedings of the 2005 European Council for Energy Efficient Economy (ECEEE) Summer Study*, Mandelieu, France, 2005, LBNL-57382.
60. DG Fridley, J Lin, A Denver, and T Dallivou, 2005, “Harmonization of CFL Specifications in the US, China, and Brazil,” *Proceedings of Right Light 6*, Shanghai, China, May, 2005, LBNL-57812.
61. Debbie Brockett, David Fridley, Jieming Lin, Jiang Lin, 2002, “A Tale of Five Cities: An Analysis of Energy Consumption Patterns in Chinese Households,” in the *Proceedings of the 2002 ACEEE Summer Studies on Energy Efficiency in Buildings*, Asilomar, California, USA, LBNL-50680.
62. Jiang Lin, Jeanne Townend, Robin Clark, Tony Silva, Gary McNeil and David Fridley, 2002, “Energy-Efficient Refrigerator Labeling in China: Transferable Lessons for Successful Labeling Programs in Varied Markets,” in the *Proceedings of the 2002 ACEEE Summer Studies on Energy Efficiency in Buildings*, Asilomar, California, USA, LBNL-50416.
63. Lin Jiang, Li Tienan, and Liu Jiang, “Standby power consumption in Chinese households,” presented at the 3rd IEA Workshop on Standby Power Use: Toward a Harmonized Solution. Tokyo, February 2001. LBNL-47427.

Reports:

64. Nikit Abhyankar, Jiang Lin*, Fritz Kahrl, Shengfei Yin, Umed Paliwal, Xu Liu, Nina Khanna, Qian Luo, Amol Phadke, David Wooley, Mike O’Boyle, Olivia Ashmoore, Robbie Orvis, Michelle Solomon, “[Achieving 80% Carbon Free Electricity System in China by 2035](#),” LBNL-EI-UCB Report, July, 2022
65. Wenjun Wang, Nina Khanna, Jiang Lin, and Xu Liu, “Black Carbon Emissions in China: 2015–2050,” LBNL Report, April 2022
66. J Lin, N Khanna, X Liu, WJ Wang, J Gordon, and F Dai, 2021, “[Opportunities to Tackle Short-lived Climate Pollutants and other Greenhouse Gases](#),” California-China Climate Institute, University of California, Berkeley.

67. J Lin, N Abhyankar, G He, Xu Liu, and SF Yin, 2021 *Enhancing grid flexibility under scenarios of a renewable-dominant power system in China*. LBNL Report.
68. Yidan Chen, Jiang Lin, David Roland-Holst, Can Wang, 2020 “[Declining renewable costs, emissions trading and economic growth: China’s energy system at the crossroad](#)” UC Berkeley.
69. Khanna, Nina, Nihar Shah, Won Young Park, Chao Ding, and Jiang Lin. [Designing Policies and Programs to Accelerate High Efficiency Appliance Adoption](#). 2020. LBNL-2001369
70. Zhou, N., H.Y. Lu, N. Khanna, X. Liu, D. Fridley, L. Price, B. Shen, W. Feng, J. Lin, and C. Ding. 2020. *China Energy Outlook: Understanding China’s Energy and Emission Trends*. Lawrence Berkeley National Laboratory
71. Nihan Karali, Chao Ding, Won Young Park, Nihar Shah, and Jiang Lin, 2020, “Energy-Efficiency Improvement Potential of Multi-split Air Conditioning Systems in China,” LBNL Report
72. He, Gang, Jiang Lin, Froylan Sifuentes, Xu Liu, Nikit Abhyankar, and Amol Phadke. 2020, “Rapid Cost of Decrease of Renewable Energy and Storage Offers an Opportunity to Accelerate the Decarbonization of China’s Power System,” LBNL Report-2001357
73. Nikit Abhyankar[#], Jiang Lin^{**}, Xu Liu, Froylan Sifuentes, 2019, “Economic and environmental benefits of market-based power-system reform in China: provincial versus regional grid optimization,” September, 2019, LBNL Report 2001352.
74. Fredrich Kahrl, Jiang Lin*, Xu Liu, Junfeng Hu, 2019, “Sunsetting coal power in China,” September, 2019, LBNL Report-2001356.
75. Amol Phadke*, Nihar Shah*, Jiang Lin, Won Young Park, Yongsheng Zhang, Durwood Zaelke, Chao Ding and Nihan Karali, 2019, “Chinese policy leadership would cool global air conditioning impacts,” July 2019, BTJRC Working Paper 005
76. Khana N, C Ding, WY Park, N Shah, and J Lin, 2019, “Market assessment of multi-split air conditioning systems in the Chinese and global market, LBNL Report, 2019.
77. J Lin, F. Karhl, JH Yuan, X Liu, and WR Zhang, 2018, “Challenges and strategies for electricity market transition in China,” November 2018, BTJRC Working Paper 004.
78. J Lin, N Khana, and X Liu, 2018, “China’s non-CO2 GHG emissions: future trajectories, and mitigation options and potential,” BTJRC Working Paper 003.
79. J Lin, F. Karhl, JH Yuan, QX Chen, and X Liu, 2018, “Electricity market transition in China: A case study of Guangdong Province,” June 2018, BTJRC Working Paper 001.
80. J Lin, X Liu, and G He, 2018, “Electricity demand and economic transition in China: A regional analysis,” July 2018, BTJRC Working Paper 002.
81. J Lin, DG Fridley, HY Lou, LK Price, and N Zhou, 2018, "Near-term trends in China’s coal consumption," Lawrence Berkeley National Laboratory, LBNL-2001145.
82. D Roland-Holst, F Kahrl, J Lin, and C Springer, 2017, *Economics Growth, Energy, and Emissions in China, 2015-2035: Structural Transition to Sustainable Prosperity*. Department of Agricultural and Resources Economics, University of California, Berkeley.
83. Jiang Lin, Fredrich Kahrl, Xu Liu, “Excess Capacity in China’s Power Systems: A Regional Analysis,” Lawrence Berkeley National Laboratory, LBNL-1006638.
84. Jiang Lin, 2016, [Power Shift: Economic Restructuring and Changing Energy Use in China](#), Aspen Institute Congressional Program.
85. Jiang Lin and Angela Luh, 2015, “Power Shift: Re-assessing China’s Electricity and Coal Demand Under the Economic New Normal,” *Energy Foundation China Issue Brief*, the Energy Foundation.
86. He, Gang, Jiang Lin, and Alexandria Yuan, 2015, *Economic Rebalancing and Electricity Demand in China*, Berkeley: Lawrence Berkeley National Laboratory, LBNL-1003799.

87. Jiang Lin, 2014, “China can lead the global collaboration on low-carbon development,” working paper for the *New Climate Economy Report*.
88. Jiang Lin, Jiangyan Wang, Fei Meng, Jasmine Tillu, and Dongquan He, 2014, “Building livable cities in China,” working paper for the *New Climate Economy Report*.
89. Jiang Lin, Peter Calthorpe, He Dongquan, and Wang Jiangyan, 2012, “Sustainability at Scale: Meeting China’s Urban Design Challenge,” *Energy Foundation Annual Report*, 2011.
90. Jiang Lin, He Dongquan, He Ping, Hu Min, and Lu Hong, 2011, “The Race is on: China kick-starts its clean economy,” Knowledge Series, ClimateWorks Foundation.
91. Fridley, David, Nina Zheng, Nan Zhou, Nathaniel T Aden, Jiang Lin, Jianhong Cheng, and Tomoyuki Sakamoto. [China Refrigerator Information Label: Specification Development and Potential Impact](#). Trans. Nina Khanna. Lawrence Berkeley National Laboratory; China National Institute of Standardization; The Institute of Energy Economics, Japan, 2008.  [PDF](#) (1.13 MB)
92. Fridley, David, Nathaniel Aden, Nan Zhou, Jiang Lin. *Impacts of China’s Current Appliance Standards and Labeling Program to 2020*, Berkeley: Lawrence Berkeley National Laboratory, March 2007, LBNL- 62802.
93. Zhou, Nan, and Jiang Lin. [The Reality and Future Scenarios of Commercial Building Energy Consumption in China](#). Lawrence Berkeley National Laboratory, 2007.  [PDF](#) (511.32 KB)
94. Zhou, Nan, Michael A McNeil, David Fridley, Jiang Lin, Lynn K Price, Stephane de la Rue du Can, Jayant A Sathaye, and Mark D Levine. [Energy Use in China: Sectoral Trends and Future Outlook](#). Lawrence Berkeley National Laboratory, 2007.  [PDF](#) (1.16 MB)
95. Jiang LIN, Nan Zhou, Mark D. Levine, and David Fridley, 2006, *Achieving China’s Target for Energy Intensity Reduction in 2010: An Exploration of Recent Trends and Possible Future Scenarios*, Berkeley: Lawrence Berkeley National Laboratory, LBNL-61800.
96. Jiang Lin, 2006, *Mitigating Carbon Emissions: the Potential of Improving Efficiency of Household Appliances in China*, Berkeley, CA: Lawrence Berkeley National Laboratory, LBNL-60973.
97. DG Fridley, JE Sinton, Jiang Lin, Nan Zhou, N Aden, J Lewis, and Shyam Menon, 2005, *China’s Energy Future to 2020*, Berkeley, CA: Lawrence Berkeley National Laboratory, LBNL-58664.
98. Jiang Lin, 2005, *Trends in Energy Efficiency Investments in China and the US*, Berkeley, CA: Lawrence Berkeley National Laboratory, LBNL-57691.
99. Fridley, David, Jiang Lin, Andrea Denver, Peter J Biermayer, and Tyler J Dillavou. [CFL Labeling Harmonization in the United States, China, Brazil and ELI Member Countries: Specifications, Testing, and Mutual Recognition](#). 2005. LBNL-58397.
100. Sinton, Jonathan E, Rachel E Stem, Nathaniel T Aden, Mark D Levine, Tyler J Dillavou, David Fridley, Yu Joe Huang, Joanna I Lewis, Jiang Lin, Aimee T McKane, Lynn K Price, Ryan H Wiser, Nan Zhou, and Jean Y Ku. [Evaluation of China’s Energy Strategy Options](#). Lawrence Berkeley National Laboratory; National Renewable Energy Laboratory, 2005.
101. Jiang Lin, Donald Gilligan, and Yinghua Zhao, 2005, *Financing the Growth of Energy Efficiency Service Industry in Shanghai*, Berkeley, CA: Lawrence Berkeley National Laboratory, LBNL-57319.
102. Rosenquist, G and J Lin, 2004, *Chinese Room Air-Conditioning Heat Pumps: An Engineering and Life-Cycle Cost Analysis of 3500 W and 7100 W Cooling Capacity Units*, Berkeley, CA: Lawrence Berkeley National Laboratory LBNL-57992.
103. Jiang Lin, C Goldman, M Levine, and N Hopper, 2004, *Developing an Energy Efficiency Service Industry in Shanghai*, Berkeley, CA: Lawrence Berkeley National Laboratory, LBNL-54964
104. Fridley, David, and Jiang Lin. [Energy Saving Potential of Standards and Labeling in China](#). Lawrence Berkeley National Laboratory, 2001.

105. Fridley, David, Gregory J Rosenquist, Jiang Lin, Li Aixian, Xin Dingguo, and Cheng Jianhong. *Technical and Economic Analysis of Energy Efficiency of Chinese Room Air Conditioners*. Lawrence Berkeley National Laboratory, 2001
106. Lin, Jiang, 1999. *China Green Lights Program: A Review and Recommendations*, Berkeley, CA: Lawrence Berkeley National Laboratory, LBNL-42183.
107. S Nadel, Jiang Lin, Yu Cong, Adam Hinge, and Lu Wenbin, 1999, “*China Green Lights Program: A Status Report*,” ACEEE, Washington, DC, December, 1999.