

MIT Industrial Liaison Program Faculty Knowledgebase Report

Decarbonizing Power Markets - Climate Change Comes for California

October 5, 2020 10:00 am - 11:00
am

10:00am

Opening Remarks
CJ (Changjie) Guo
Program Director, [MIT Corporate Relations](#)



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Program Director
[MIT Corporate Relations](#)

Dr. CJ Guo joined the Office of Corporate Relations as a Senior Industrial Liaison Officer in July, 2015. CJ comes to OCR with 25 years of extensive global experience in technology innovations, portfolio management and business development in emerging and conventional energy sectors with leading multinational corporations in the US, China and Canada.

CJ is a leading expert in emerging energy technologies and energy system transitions. With Shell, he was the Emerging Technology Theme Leader in China/Beijing (2011 to 2015), worked extensively with the Chinese energy communities on the country's future energy landscape, and the Senior Technology Advisor in alternative transportation fuels in the US / Houston (2006-2010), and served during 2010 as Chairman of the Fuel Operations Group for the US DOE FreedomCar Partnership. Prior to joining Shell, CJ has held technology development, commercialization and management positions with Air Liquide (2002-2006) and The BOC Group (1995-2001) after working as a research scientist in oil-sands upgrading with CANMET in Canada (1992-1994).

CJ earned his Ph.D., Chemical Engineering, at CSU, Ohio, his M.S. and B.S., Chemical Engineering at TYUT, China. He has earned various awards from Shell, Air Liquide, BOC, Shanxi Province (China). He holds many patents and has sat on the board of Shenzhen Sanmu Battery Technology Company as an independent board member during 2009-2010.

10:05am

Introduction and Panel Discussion

Robert Stoner

Deputy Director for Science and Technology, MIT Energy Initiative (MITEI)

Founding Director, MIT Tata Center



Robert Stoner

Deputy Director for Science and Technology, MIT Energy Initiative (MITEI)

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[Robert J. Stoner](#) is an inventor and technology entrepreneur who has worked extensively in academia and industry throughout his career, having built and managed successful technology firms in the semiconductor, IT and optics industries. From 2007 through 2009 he lived and worked in Africa and India while serving in a variety of senior roles within the Clinton Foundation. Stoner also serves as Director of the [Tata Center for Technology and Design at MIT](#), and as the faculty co-director of the [MITEI Electric Power Systems Center](#). His current research relates to energy technology and policy for developing countries. He earned his Bachelor's degree in engineering physics from Queen's University, and his Ph.D. from Brown University in condensed matter physics.

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Paul Joskow

Elizabeth and James Killian Professor of Economics Emeritus, MIT



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Paul L. Joskow became President of the Alfred P. Sloan Foundation on January 1, 2008. He is also the Elizabeth and James Killian Professor of Economics, Emeritus at MIT. He received a BA from Cornell University in 1968 and a PhD in Economics from Yale University in 1972. Professor Joskow was an active member of the MIT faculty from July 1, 1972 until August 31, 2010 and served as Head of the MIT Department of Economics from 1994 to 1998. He was Director of the MIT Center for Energy and Environmental Policy Research from 1999 through 2007. At MIT he was engaged in teaching and research in the areas of industrial organization, energy and environmental economics, competition policy, and government regulation of industry. Professor Joskow has published six books and over 125 articles and papers in these areas. His papers have appeared in the *American Economic Review*, *Bell Journal of Economics*, *Rand Journal of Economics*, *Journal of Political Economy*, *Journal of Law and Economics*, *Journal of Law, Economics and Organization*, *International Economic Review*, *Review of Economics and Statistics*, *Journal of Econometrics*, *Journal of Applied Econometrics*, *Yale Law Journal*, *New England Journal of Medicine*, *Foreign Affairs*, *Energy Journal*, *Electricity Journal*, *Oxford Review of Economic Policy* and other journals and books.

Professor Joskow is a Director of Exelon Corporation and a Trustee of the Putnam Mutual Funds. He is a Trustee of Yale University and a member of the Board of Overseers of the Boston Symphony Orchestra. He previously served as a Director of New England Electric System, State Farm Indemnity Company, National Grid plc, TransCanada Corporation, and the Whitehead Institute of Biomedical Research. Professor Joskow has served on the U.S. EPA's Acid Rain Advisory Committee and on the Environmental Economics Committee of the EPA's Science Advisory Board. He is a member of the Scientific Advisory Board of the Institut d'Economie Industrielle and the Fondation Jean-Jacques Laffont (Toulouse, France), the chair of the National Academies Board on Science, Technology and Economic Policy (STEP), and a member of the Secretary of Energy Advisory Board (SEAB). He served as President of the Yale University Council from 1993 - 2006. Professor Joskow is a past-President of the International Society for New Institutional Economics, a Distinguished Fellow of the Industrial Organization Society, a distinguished Fellow of the American Economic Association, a Fellow of the Econometric Society, a Fellow of the American Academy of Arts and Sciences, a Fellow of the Econometric Society, and a member of the Council on Foreign Relations.

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Johannes Pfeifenberger

Visiting Scholar, MIT Center for Energy and Environmental Policy Research

Senior Fellow, Boston University Institute of Sustainable Energy

Principal, The Boston Group

