

ELCON Fall Workshop
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Your Next KWh Options in Muddled Markets

Do you buy it, unsell it, or produce it yourself?

Speaker Bios

Howard K. Gruenspecht

Diane Munns

Nicolas P. Guarriello

Herbert M. Kosstrin

Anand Gangadharan

David Kathan

Michael P. Kagan

Howard K. Gruenspecht

Deputy Administrator
Energy Information Administration



Howard Gruenspecht was named as Deputy Administrator of the Energy Information Administration (EIA) in March 2003. Over the past 25 years, Dr. Gruenspecht has worked extensively on electricity policy issues, including restructuring and reliability, regulations affecting motor fuels and vehicles, energy-related environmental issues, and economy-wide energy modeling. Before joining EIA, he was a Resident Scholar at Resources for the Future. From 1993 to 2000, Dr. Gruenspecht served as Director of Economic, Electricity and Natural Gas Analysis in the Department of Energy's (DOE) Office of Policy, having originally come to

DOE in 1991 as Deputy Assistant Secretary for Economic and Environmental Policy. His accomplishments as a career senior executive at DOE have been recognized with two Presidential Rank Awards.

Prior to his service at DOE, Dr. Gruenspecht was Senior Staff Economist at the Council of Economic Advisers (1989-1991), with primary responsibilities in the areas of environment, energy, regulation, and international trade. His other professional experience includes service as a faculty member at the Graduate School of Industrial Administration, Carnegie-Mellon University (1981-1988), Economic Adviser to the Chairman of the U.S. International Trade Commission (1988-1989), and Assistant Director, Economics and Business, on the White House Domestic Policy Staff (1978-1979).

Dr. Gruenspecht received his Ph.D. in Economics from Yale University in 1982 and his B.A. from McGill University in 1975.

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Diane Munns

Commissioner, Iowa Utilities Board

President, National Association of Regulatory Utility Commissioners (NARUC)



Diane Munns has served as a member of the three-member Iowa Utilities Board since her appointment in June of 1999 following 15 years of service as a regulatory attorney. She was appointed Chairman of the Board in October of 2001 and served as Chairman until March 10, 2005. Her current term as a member of the Board ends April 30, 2009.

Munns assumed the Presidency of the National Association of Regulatory Utility Commissioners (NARUC) in mid-term 2005 and will lead the organization through 2006. She is past Chair of the Committee on Finance and Technology, a member of the Committee on Electricity, a member of the Executive Committee, and serves on the Board of Directors of NARUC. She serves on the Advisory Council to the Board of Directors of the Electric Power Research Institute. She is also a member of the Advisory Council of the New Mexico State University Center for Public Utilities, a member of the FCC Federal Advisory Committee on Diversity State Regulatory Council, a Panel Member of the National Academy of Sciences, and Co-Chair of Leadership Group for EPA/DOE Energy Efficiency Action Plan.

Munns received her bachelor's degree from the University of Iowa and her law degree from Drake University.

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Nicholas P. Guarriello, P.E.

Principal & Immediate Past President/CEO
R.W. Beck, Inc.

Mr. Guarriello is a senior consultant with R. W. Beck, Inc. in Orlando, Fla., where he served as the President and CEO from 1998 through late 2005. Prior to that, he served as Project Manager or Principal-in-Charge for numerous public and private sector utility projects since 1977. During his career, he has contributed significantly to strategic and long-term planning for various electric utility clients, including joint action agencies. His has been involved in providing expert assistance or testimony regarding open access transmission filings in light of a changing utility environment and increased competition. He stays abreast on utility trends impacting the industry and has recently spoken at several executive forums on the resurgence of coal-fired generation in the power industry.

He earned a bachelor's degree in electrical engineering from the Polytechnic University and an MBA from New York University, both in New York City.

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Dr. Herbert M. Kosstrin

Principal & Senior Director
R.W. Beck, Inc.

Dr. Kosstrin is a Principal with R. W. Beck, Inc. and leads its evaluation of gasification technologies for lenders and developers. He has over 35 years of experience in the development, demonstration, and evaluation of processes to enhance environmental performance, produce alternative fuels, and provide alternative sources of power generation. Dr. Kosstrin has been involved in the technical development, feasibility analysis and/or independent review of a variety of gasification technologies using a wide range of feedstocks. He is familiar with fixed bed, fluidized bed and entrained flow systems utilizing coal, petroleum coke and/or biomass. These systems are designed to produce low-Btu gas, medium-Btu gas or synthesis gas used to fire boilers, gas turbines or provide a chemical feedstock. Dr. Kosstrin is nationally recognized for his expertise in developing, demonstrating, and evaluating alternative energy technologies and other advanced technologies.

Among the coal gasification projects Dr. Kosstrin has managed are: the Lima Energy Gasification Review, a petroleum coke Integrated Gasification Combined-Cycle (IGCC) Project to be located in Lima, Ohio; the Polk Gasification Project, an existing IGCC plant at the Polk Power Station of in Tampa, Florida; and the Wabash River Station, an existing IGCC plant at Terre Haute, Indiana.

Dr. Kosstrin holds a B. S. in Mechanical engineering from the University of Pittsburgh and an M.E. and Ph.D. in Mechanical and Aerospace Engineering from Cornell University.

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Anand Gangadharan

President
NOVI Energy

Anand Gangadharan is the President of NOVI Energy, a company focused on serving industrial and large commercial customers with energy management and energy infrastructure development and implementation services. Mr. Gangadharan has broad management experience in the US regulated and competitive energy industry, with particular emphasis on the utilization of advanced energy technologies for end-user benefit. Prior to NOVI Energy, Mr. Gangadharan has held executive and senior management positions with CMS Energy and PacifiCorp.

Mr. Gangadharan has graduate degrees in Nuclear Engineering and Physics from Texas A&M University and the University of Madras, India, respectively. He has authored and presented several papers at international forums. He has authored and presented several papers at international forums.

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David Kathan

Senior Economist
Office of Energy Markets and Reliability
Federal Energy Regulatory Commission (FERC)

Dr. David Kathan is a Senior Economist with Policy Division of the Office of Energy Markets and Reliability at the Federal Energy Regulatory Commission. Dr. Kathan joined the Commission in 2003 after over 20 years in energy consulting. At FERC, Dr. Kathan works on market design issues, including demand response, scarcity pricing, and resource adequacy. Dr. Kathan was the project lead for the Commission's demand response report required by the Energy Policy Act of 2005.

Prior to joining FERC, Dr. Kathan was a Principal at ICF Consulting, where he consulted on economic, environmental and quantitative issues related to the electric power industry, with a focus on demand response and electric system modeling.

Dr. Kathan received his B.A. from Grinnell College in Economics, and his Ph.D. in Public Policy and Management from the Wharton School at the University of Pennsylvania.

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Michael P. Kagan

Co-Chief Commercial Officer
Constellation NewEnergy

Michael Kagan is Chief Commercial Officer for Constellation NewEnergy, Inc. a subsidiary of Constellation Energy (NYSE: CEG). Mr. Kagan is responsible for the company's national customer business and overall product development. Mr. Kagan joined NewEnergy in 1998 and since that time has held various commercial positions within the Company. Most recently, Mr. Kagan was Business Leader responsible for NewEnergy's daily business interests of New England and Ontario.

Michael Kagan has also served as Vice President of Supply for NewEnergy, managing the company's electricity and gas supply and trading group. In that capacity, Michael oversaw expansion of NewEnergy's supply capabilities into new regions and worked with some of the company's largest end-use customers.

Prior to joining NewEnergy, Kagan held positions in risk management, and strategy with PG&E and the energy consulting firm of Barakat & Chamberlin.

Mr. Kagan earned a Bachelor of Arts Degree in Economics from Skidmore College and a Master Degree in Economics from the University of California, Santa Barbara.

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