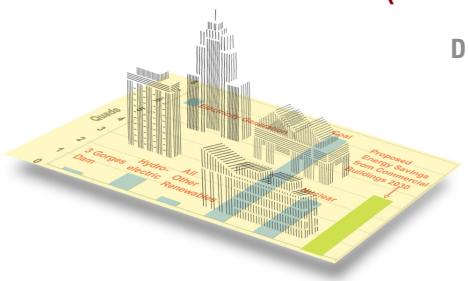

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Chris Marnay has worked for 23 years at Berkeley Lab, where he leads the Forecasting group within the Environmental Energy Technologies Division. He models restructured electricity markets, especially related to problems concerning likely future adoption patterns of small-scale distributed energy resources (DER). He was a member of the Consortium of Electric Reliability Solutions (CERTS) that proposed the CERTS Microgrid concept, which is currently undergoing testing. His group has since developed methods for the economic evaluation of microgrids. His other responsibilities primarily involve maintaining and enhancing the latest version of the Energy Information Administration's National Energy Modeling System (NEMS), which is used for most national level energy policy analysis. Current work in progress includes the development of a national scale commercial and residential building energy demand and supply module for NEMS. He has an A.B. in Development Studies, an M.S. in Agricultural and Resource Economics, and a Ph.D. in Energy and Resources, all from the University of California, Berkeley. He has also studied at the London School of Economics and the University of Hawaii, and has worked at the University of Texas at Austin. In 2006 he was a visiting professor at The University of Kitakyushu under a grant from the Japan Society for the Promotion of Science.