

Electricity Generation Technologies, Policies, and Systems Integration: A Biased Perspective

21 February 2014 – ME Auditorium 1300

With Guest Lecturer Terry Surles, Ph.D.

The presentation will provide an overview of the status of energy policies in the United States and the states, particularly California and Hawaii. The discussion will then go to a commentary on the nature and status of various electricity technologies. This discussion will include energy efficiency and demand response technologies, various renewable energy technologies, fossil energy systems, nuclear energy, and ancillary and supporting technologies, with an emphasis on the development and incorporation of “smart grid” related technologies into the grid.



Terry Surles, Ph.D.

Topics for this seminar will include:

- Effects of energy efficiency and demand on energy policies
- Discussion on “smart grid” technologies

Abridged Biography:

Dr. Surles has a distinguished career in energy and environmental management. He has more than 250 publications, technical reports, and presentations to his credit. Dr. Surles is currently the Lead for Clean Energy Solutions at University of Hawaii. In the past, he has served as DRI Vice President for R&D, the Technology Integration and Policy Analysis Program Manager, senior advisor to the University of California's California Institute for Energy and Environment, President and Chief Executive Officer of the Pacific International Center for High Technology Research, Vice President for Environment at the Electric Power Research Institute, and Public Interest Energy Research Program Director.



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