

ENERGY REGULATION, MARKETS AND THE ENVIRONMENT

Professor Marc Mihaly
(Oakes 110)

ASSIGNMENT FOR THE FIRST CLASS

Class 1 (January 9): Introduction and overview of the course, a review of the nature of the grid, the major fuels, efficiency, key environmental issues and the regulation of carbon. Please prepare for the first class. This course has a relatively heavy reading load. If you fall behind, it will be hard to catch up. Reading for the first class:

- *A Neophyte's Guide to the Changing Electric Utility Industry*, American Public Power Association (2006), pp. 1-18. Course Pack.
- Von Meier, *Electric Power Systems: A Conceptual Introduction*, Wiley & Sons, 2006, as follows: pp. 59-50 (Ch. 3 "Alternating Current and Voltage" through 3.1.1); pp. 144-49 (Ch. 6 "Transmission and Distribution," through 6.1.2); pp. 229-33 (Ch. 8 "System Performance," through 8.2). Course pack.
- For those of you who took the Energy Policy in a Carbon Constrained World last fall, or either Professor Weissman's or Professor Dworkin's energy courses last summer, please take a few hours and review the following material in *Energy Law in a Nutshell*. For those who took the fall course which used the text, this will mean going over material you've read except for the last chapter. For the others, it means skimming since the text is new, but you know, or at least once knew the material. Oil: pp. 154-167 and 179-188; Natural Gas: pp. 190-199 and 209-222; Coal: pp. 224-255; Nuclear: pp. 299-331; Hydro: pp. 332-353; and Alternative Energy, Efficiency, Distributed Generation and Synfuels: pp. 354-384.
- For those of you who did not take the fall course, or Professor Weissman's or Professor Dworkin's energy courses last summer, in addition, please take the time before the start of this course to read carefully the above material in *Energy Law*, plus the following excerpts from the National Commission on Energy Policy, *Ending the Energy Stalemate*, December 2004: Climate Change (pp. 19-21); Energy Efficiency (pp. 30-37); Advanced Coal (pp. 51-57); and Renewables (pp. 62-70). Copies of the latter can be picked up at no cost from Jenn Miller in the ELC.

