

ENGY6335 - Power Industry: Finance, Economics and Markets

[ENGY 6335](#) Power Industry: Finance, Economics and Markets (3 semester credit hours) Providing reasonably priced electric power to residences and industries is a priority for every nation. This course introduces the power industry, beginning from the power plants and moving along the entire value chain all the way to distribution. The course covers public/private utilities, costs, revenues, guarantees on returns as well as government granted service area monopolies, franchised utilities, and independent power producers. Financing of power projects via equity and/or debt and tax subsidies are discussed. Electric grid and power marketing schemes are studied, both domestically and internationally. Federal and local regulations and their effects on rate-making are presented. (3-0) Y