

Abstract of Presentation

This presentation is based on Prospecting for Power: The cost of meeting increases in electricity demand, a paper prepared for the U.S. Carbon Sequestration Council. The paper compares the costs of several options for producing electricity, including fossil energy based power plants, nuclear power plants, and wind-based power plants, in terms of capital cost and levelized cost of electricity. Major uncertainties impacting future power cost are addressed for each type of generation. The analysis concludes that, in the absence of significant technology advances, the cost of electricity from new baseload power plants will be roughly double the average wholesale price of electricity in 2007.