World Academy of Science, Engineering and Technology International Journal of Energy and Environmental Engineering Vol:15, No:03, 2021

Future of Electric Power Generation Technologies: Environmental and Economic Comparison

Authors: Abdulrahman A. Bahaddad, Mohammed Beshir

Abstract : The objective of this paper is to demonstrate and describe eight different types of power generation technologies and to understand the history and future trends of each technology. In addition, a comparative analysis between these technologies will be presented with respect to their cost analysis and associated performance.

Keywords: conventional power generation, economic analysis, environmental impact, renewable energy power generation

Conference Title: ICFEE 2021: International Conference on Future Environment and Energy

Conference Location : Dubai, United Arab Emirates

Conference Dates: March 22-23, 2021