Perspectives for Energy Diversification in Taiwan

Chi-Yuan Liang

National Central University Institute of Economics, Academia Sinica

The new government of Taiwan aims at materializing the "Nuclear-free homeland policy" by 2025. The policy tools include: 1) to develop renewable energy; 2) to improve energy efficiency; and 3) electricity liberalization. This paper investigates: 1) International energy development trend and lessons; 2) The limit and problems for renewable energy development in Taiwan; 3) The constraint of electricity liberalization; 4) Four dilemma of nuclear-free policy: carbon emission control, electricity shortage, electricity price surge in the coming decade in Taiwan. Finally, policy suggestions will be drawn from the findings.