

Mapping of Electrical Energy Consumption Yogyakarta Province in 2014-2025

Authors : Alfi Al Fahreizy

Abstract : Yogyakarta is one of the provinces in Indonesia that often get a power outage because of high load electrical consumption. The authors mapped the electrical energy consumption [GWh] for the province of Yogyakarta in 2014-2025 using LEAP (Long-range Energy Alternatives Planning system) software. This paper use BAU (Business As Usual) scenario. BAU scenario in which the projection is based on the assumption that growth in electricity consumption will run as normally as before. The goal is to be able to see the electrical energy consumption in the household sector, industry , business, social, government office building, and street lighting. The data is the data projected statistical population and consumption data electricity [GWh] 2010, 2011, 2012 in Yogyakarta province.

Keywords : LEAP, energy consumption, Yogyakarta, BAU

Conference Title : ICES 2015 : International Conference on Energy Systems

Conference Location : Singapore, Singapore

Conference Dates : January 08-09, 2015