

ABSTRACT

ANALYSIS OF ENERGY DEMAND ELECTRIC APPLIANCE AT HOME IN THE CITY OF BANDAR LAMPUNG

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Electrical energy is one element that is needed in the household sector, especially in meeting their daily needs. Electrical energy needs will continue to increase in line with technological developments. That is why this research titled “Analysis of energy Demand Electric Appliances at Home in the City of Bandar Lampung”.

The analytical tool used in this study is multiple regression used to determine the influence of independent variables of total house hold electricity customers class R1 tariff / Border Power 900 VA, electric base rate tarrif class R1 tariff / Border Power 900 VA, and income percapita ofelectric energy demand in the city of Bandar Lampung. User data in this study are secondary data obtained from PT PLN (Persero) Branch Tanjung Karang Lampung, BPS Lampung Province, and other relevant sources. While the types of data used are time series data (time series) made in the form of annual data between the periode 2000 to year 2009.

The result showed, that are jointly or individually, the number of domestic electricity customer class R1 tariff / Border Power 900 VA, base rate tarrif class R1 tariff / Border Power 900 VA, and income percapita has positive and significant impact on demand electrical energy in the city of Bandar Lampung.