ABSTRACT

In order to increase the quality of electricity supply services in East Kalimantan, and with the aim to replace diesel as the base load supply are several reasons why the coal fired power plant in Kariangau, East Kalimantan are build. Because addition of petroleum reserves and natural gas are also dwindling and expensive, that make the BPP in East Kalimantan with the composition of the composition of the existing plant has become expensive, so one solution taken is to use coal as a non-fuel primary energy. To replace base load diesel supply

Coal Power Plant Kariangau 2 x 100 MW in Balikpapan, East Kalimantan is one of the abundant use of coal to increase electricity supply. So it can reduce diesel consumption in East Kalimantan and the results could reduce the cost of basic electricity supply to East Kalimantan decreased 26.34% from the BPP and lower regional electricity cost- average of Rp.700, - for each sector

Keyword : Coal steam power plant Kariangau, BPP, Regional Electricity cost
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