ABSTRACT

Final Project: DEVELOPMENT STUDIES OF MINE MOUTH POWER PLANT SUMSEL 6 (IPP) 2×300MW MUARA ENIM SOUTH SUMATERA TO STRENGTHEN THE BACKBONE OF ELECTRICITY IN SOUTH SUMATRA

By: Vijaipisko Arkhana
Supervisor I: Ir.Syariffuddin Mahmudsyah,M.Eng
Supervisor II: Ir.Teguh Yuwono

In anticipation of the steady depletion of oil reserves in Indonesia and the progress of time making the community more and requires a lot of energy supplies, particularly electrical energy. With the increasing demand for electrical energy, it is necessary to set up new plants and pursued the diversification of natural resources which can be used as fuel for electricity generation. South Sumatera Province by the President of the Republic of Indonesia on November 9, 2004 was declared as the National Energy Barn Province. The potential of existing natural resources include coal, natural gas, petroleum, geothermal and methane gas. South Sumatera Province rank fifth nationally in the field of mining and energy. Potential coal of South Sumatera owned by 47.085 billion tons (50.59% of the potential of coal in Indonesia amounting to 93.059 billion tons).

With still huge potential for coal in South Sumatra can be used as an alternative resource for the diversification of electric energy. Natural resources in the form of coal allows for the exploitation as a primary fuel power plants where the electrical energy produced can be used to meet electricity demand in Sumatra, South Sumatera, especially his own.

Keywords: Steam Power Plant, PLTU Sumsel 6, Sumatera Selatan
[Halaman Ini Sengaja Dikosongkan]