STUDY DEVELOPMENT OF GEOTHERMAL POWER PLANT(PLTP) IN JAILOLO TO FULLFILL REQUIREMENT ELECTRICITY IN NORTH MALUKU

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ABSTRACT

Indonesia have big potention of source energy that can decrease the used of fossil fuel as the primary energy for power plant to produce electricity, that is geothermal energy or heat from inside the earth. Geothermal are one of mineral resources that we haven’t explored yet. One of our geothermal source that doesn’t explore yet are Jailolo that take place on North Maluku. This area include on the geothermal working area that have potension 75 MW.

In this final project will discuss and learn about geothermal potention as the primary energy in Jailolo North Maluku. With parameter that will analysed such as tecnical, economy, and environment. So, the electricity in North Maluku can be fulled better.

Key word: EBT, PLTP Jailolo, Tecnical – Economy - environment aspect, IPM, BPS North Maluku.