

14<sup>th</sup> November 2014

### 500 MW Hydro Power Plant Will Be Built at Nunukan



DGE -- 500 MW hydro power plant is going to be build at Sub district Lumbis Ogong, Nunukan, North Kalimantan Province. The hydro power plant will utilize the Sembakung river streams which flowing through the Nunukan area with 1,000 m<sup>3</sup>/s water flow at river out fall area and 500 MW hydro electric power potential. Director General of Electricity Ir. Jarman Msc hope that the development of this hydro power plant can run well as the plan in order to fulfill the needs for the smelter. The excess power could be sell to PT. PLN (Persero) to improve the welfare of the people in district Nunukan. It was mentioned by Jarman when he was attending the signing of a memorandum of understanding between the Nunukan Regent, Basri and President Director of PT Hanergy Power Indonesia, Zhigang Xiang, Friday (14<sup>th</sup> November 2014) at the Hotel Gran Melia, Kuningan, South Jakarta.

In order to fulfill the increasing of the electricity demands, the availability of adequate infrastructure and sustainable electricity is urgent need. Jarman said that the construction and development of the many power plants is very important thing to do. “Until now, Indonesia electricity infrastructure is getting better”, Jarman said. This is indicated by increasing of power plant capacity installation which is only 31,959 MW in 2009 and currently achieved 51,981 MW. It is consist of 71% is owned by PT PLN (Persero), 20% of IPP plants, 4% of PPU and 5% of the remaining is a non-fuel plant for own sake.

Jarman said that Hydro power plant is one of environment friendly power plant. MEMR keep try to push every people to construct and to develop the hydro power plant which utilize the local hydro potential. The development of infrastructure is not enough to rely on the ability of the government and PT. PLN (Persero) only. Participation of all businesses is very expected, considering the availability of government funding and PT PLN (Persero) is very limited. Therefore the government continues to encourage businesses to invest in the electricity sector and the government also will facilitate licensing process in the electricity sector.

Jarman said that construction and development of hydro power plant which use abundantly hydro resources in the river Sembakung, Nunukan can be used as a model to other areas in order to develop the electricity supply construction. "With the 1,000 m<sup>3</sup>/s of water level in the out fall of river area and 500 MW of hydroelectric potential, this is a potential area for construction of power plant by utilizing renewable energy," he said.

Not only the Director General of Electricity, signatories of the MoU between the Regent and the President Director of PT Hanergy Power Indonesia, also attended by the members of Nunukan Parliament, Representative of the Investment Coordinating Board (BKPM), Representative of China Embassy for Indonesia. According to the plan, hydropower development will be completed in 2022. (PSJ)