



## The Second Unit of Cikarang Listrindo's Coal-Fired Power Plant Successfully Generating Electricity

**Jakarta, September 25, 2017:** The second unit of PT Cikarang Listrindo Tbk coal-fired power plant ("The Company") (IDX: POWR) has reached a significant milestone, by successfully generating electricity and synchronized to the grid. By the addition from this unit, the Company will have a total installed capacity of 1,144MW which will improve the Company's ability to provide a better service quality in meeting the electricity demand from the five industrial estates in Cikarang area. The first unit of the coal-fired power plant is currently running at its baseload. The power generated from the coal-fired unit in Babelan is distributed to the industrial estates through 150 kV transmission lines, spanning over 30KM and supported by 101 transmission towers, passing through 7 sub-districts and 13 villages of Bekasi district.

In the equipment selection, the Company's coal coal-fired power plant chooses the best quality equipment from reliable international vendors. The Company installs boilers with a Circulating Fluidized Bed (CFB) technology from Valmet Technologies Oy (Valmet). Valmet is a leading boiler supplier from Finland with 220 years of industrial experience. CFB technology is a relatively new technology, which was first developed in 1985<sup>1</sup>, in comparison to the Pulverized Coal (PC) boiler or traditional boiler. The boilers have been designed for a low combustion emission, better than the standard set by the World Bank group and the Ministry of Environmental and Forestry of the Republic of Indonesia. The boilers are also equipped with ESP (Electrostatic Precipitator) to reduce particle emission to the air.

The company selects steam turbines from Siemens AG, Germany. Siemens is one of the leading energy provider for reliable and high technology products and has over a century of experience. Siemens is continuously developing and improving its technology to become more reliable and efficient. The Company has used Siemens' steam turbines for its combined cycle gas-fired power plant in Jababeka since 2011 and the Company is satisfied with Siemens steam turbine's performance as it has demonstrated its ability to deliver reliable and proven performance as well as excellent service quality.

Christanto Pranata, the Company's Corporate Secretary, said: **"This is a significant milestone for the Company (with a new type of electricity generation) following the operation of both units of the coal-fired power plant and we are delighted with the units' performance. We are also thankful for the hard work, excellent performance, and support from all employees, contractors, vendors, government institutions and other stakeholders. The successful completion of the commissioning of the second unit is an important step forward to enable the Company to continuously provide a reliable and excellence performance to serve the electricity demand from the industrial estates."**

<sup>1</sup> Based on "Penggunaan CFB Berpotensi Genjot Efisiensi PLN Grup" article, accessed from <http://industri.bisnis.com/read/20170428/44/648912/penggunaan-cfb-berpotensi-genjot-efisiensi-pln-grup>