

Press Release

Chandra Asri Group Supports Cirata Floating Solar PV Plant in Meeting Domestic Content Levels for Plastic Raw Materials

Jakarta, 4th December 2023 - PT Chandra Asri Petrochemical Tbk (Chandra Asri Group), Indonesia's leading chemical and infrastructure company, has supplied raw materials for floaters used for the solar panel system of the national strategic project, Cirata Floating Solar PV Plant (PLTS), in meeting Domestic Component Level (TKDN) requirements.

By utilizing Chandra Asri Group's HD Blow UB5206H resin, the floaters of the Cirata Floating Solar PV Plant (PLTS) project are specifically designed to withstand the weight of the solar panels, electrical components, and other related equipment to ensure safe and reliable operations. These floaters provide the necessary buoyancy for the solar panels to float on the water's surface. Additionally, they assist in preventing the solar panels from sinking, adapting to changes in water levels, and maintaining stability to prevent the solar panels from tipping over or flipping.

The Floating Solar PV Plant that occupies over a 200-hectare reservoir is the first utility-scale project in Indonesia and the largest in Southeast Asia, with a capacity of 192 MWp. The Cirata Floating Solar PV Plant project is part of Indonesia's efforts to increase the share of renewable energy sources (EBT) in the national energy mix, aiming to achieve Net Zero Emissions (NZE).

The Cirata Floating Solar PV Plant is a project initiated by PT Pembangkitan Jawa Bali Masdar Solar Energi (PMSE), a joint venture between PLN Nusantara Renewables and Masdar (Abu Dhabi Future Energy Company). This green project is estimated to contribute 245 GWh/year of Green Energy and reduce 214,000 tons of CO₂/Year towards achieving Net Zero Emissions (NZE). In addition to its environmental benefits, the Cirata Floating Solar Power Plant project also contributes to the domestic economy through the fulfillment of Domestic Component Level (TKDN), the involvement of local labor, and local Small and Medium Enterprises (UMKM).

Edi Rivai, Direktur Legal, External Affairs & Circular Economy Chandra Asri Group, stated, "As a growth partner, Chandra Asri Group fully supports the provision of local content in energy transition projects in Indonesia, as we have done for the Cirata Floating Solar PV Plant. We always strive to meet the applicable standards in providing plastic raw materials for renewable energy projects in Indonesia, such as complying with the Indonesian National Standards (SNI) certifications to ensure the highest quality,"

"In addition to attesting Company's readiness to provide high-quality raw material supplies, our involvement in the Cirata Floating Solar Power Plant reaffirms the Company's commitment to reducing Indonesia's dependence on imported petrochemical products and supporting the Net Zero Emission program in Indonesia," **Edi Rivai** continued.

Chandra Asri Group also plans to initiate a floating solar panel project in Waduk Krenceng through its subsidiary, PT Krakatau Chandra Energi (KCE). This project will be initiated with the construction of Phase 1 in 2024, targeting a capacity of 9.6 MWp, and will progress to the next phases until reaching a total capacity of 32 MWp. The floaters used in this project will also 100% utilize the company's HD Blow UB5206H resin.

About Chandra Asri Group

Chandra Asri Group is a leading chemical and infrastructure solutions company in Indonesia with a track record of over 31 years in the petrochemical industry. The company employs over 2,000 dedicated staff, incorporates state-of-the-art technologies and supporting facilities located strategically in the country's industrial hub, Cilegon and Serang. As a Growth Partner, Chandra Asri is committed on creating high-value jobs, expanding the domestic petrochemical value chain, and serving the needs of the vibrant and growing Indonesian market. Chandra Asri is currently expanding its portfolio in the energy sector and incorporating its asset as well as operational infrastructure to support the expansion plan of the second world-scale integrated petrochemical complex in Indonesia, CAP2. For more information, visit: www.chandra-asri.com.

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