*Press Release*

**SCG Taps into End-to-End Clean Energy Business to Reduce Electricity Costs Amid Soaring Prices, Targeting ASEAN’s Industrial Estates and Large Factories; Supports Economic Recovery and Seeks Fourfold Growth**

**SCG taps into an end-to-end clean energy business to lower costs, resolve energy issues, address skyrocketing electricity costs, and support the ASEAN economic recovery and green megatrends with a fourfold growth target this year. SCG Cleanergy, a solar power producer, has targeted clients in industrial estates, factories, large companies, shopping malls, hotels, and hospitals that consume significant energy but wish to cut their electricity costs. Innovative smart electrical networking, Smart Grid, and drone-robot technologies are among highlights included in the solutions to enhance performance efficiency together with convenience with end-to-end services. It also develops high-quality biomass energy pellets from agricultural waste materials.**

**Attapong Sathitmanothum, Chief Executive Officer of SCG Cleanergy Company Limited, said, "SCG has minimized costs by using clean energy in the manufacturing process and has leveraged its expertise to grow into an ‘end-to-end clean energy power solution provider,' to resolve the crisis of soaring fossil energy and electricity costs. It targets customers, such as industrial estates, networks of plants, hotels, shopping malls, and hospitals, that use significant amounts of electricity continuously but seek to cut electricity costs. A comprehensive range of services is offered, including installation permission, investment and return calculations, and maintenance. SCG Cleanergy is prepared to provide the services that foster client confidence with these three highlights:**

* **“Trading electricity on smart grid.” A cost-effective approach to reducing energy expenses generated by solar panels erected on the ground, roof, water surface, and undeveloped land. When output exceeds demand, the smart grid technology allows for the purchase and sale of excess electricity.**
* **“One-stop partner.” Throughout the contract period, a team of professional engineers provides pre- and post-installation consulting for solar panels. Examples include acquiring permission to install solar panels, calculating costs and appropriate capacity, performing maintenance, and fully recycling solar panels for efficient reuse and reduced environmental impact.**
* “**Robot-assisted end-to-end maintenance.”** Provided with convenient and quick services with **drone inspection technology** to alert maintenance and repair damaged solar panels and **robot cleaning**.

**Customers of SCG Cleanergy include leading organizations in Thailand and ASEAN, including Toyota and the Thai Red Cross Plasma Fractionation Center. It has a total capacity of approximately 234 megawatts. Saha-Union Group in Bangpakong recently implemented a solution that helps reduce energy costs by 30% and greenhouse gas emissions by 3,700 tons of CO2 annually. The company is set to quadruple its production capacity by 2023 and invest over THB 3 billion in technology research and development to create innovations that address the needs of green customers.”**

**Visut Chongcharoenkit, Green Circularity Business Director of SCG, said,**"In an effort to cut energy use in the face of souring costs and to reduce agricultural waste as Thailand produces over 21 million tonnes of it annually, such as rice straw, sugarcane leaves, and maize husks, which, if burned, will pollute and produce fog, smoke, PM2.5 haze, and global warming, SCG has leveraged its state-of-the-art scrap compression technology to produce **energy pellets** for use as renewable fuels. In 2022, SCG increased the proportion of renewable fuels it used from 26% the year before to 34%. SCG has purchased more than 300,000 tons of agricultural waste, including sugarcane leaves, corn husks, rubber roots, rice straw, and others, from the areas surrounding the cement plant in Saraburi, Lopburi, Kanchanaburi, Ayutthaya, Lampang, Chiang Mai, Chiang Rai, Nakhon Si Thammarat, and Nakhon Ratchasima. In addition, it has accelerated the development of biomass energy pellets in various forms, such as **high-efficiency renewable fuel** for functional use and other energy value, as well as **biomass pellets of sufficient** for expanding into new businesses in the future."

"SCG believes that expanding its clean energy business, including solar and biomass power generation, has significant potential. It satisfies the value and convenience of customers in line with green megatrends and the ESG 4 Plus approach adopted by SCG and its network of operators, and it contributes to reducing greenhouse gas (carbon dioxide) emissions and achieving net zero emissions, as sought by the country and the global community," Attapong concluded.

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