

SDG 7 – 100% Renewable energy pledge

Schneider Electric Berikan Solar Inverter Kepada Jurusan Teknik Elektro Universitas Sriwijaya

Indonesia's 100% renewable energy pledge signifies the country's commitment to transitioning its entire energy infrastructure to clean and sustainable sources, thus reducing its reliance on fossil fuels and mitigating the impact of climate change. This ambitious commitment involves a comprehensive shift towards renewable energy sources such as solar, wind, hydro, and geothermal power. The goal is to harness these clean energy options to meet the nation's growing energy demands while simultaneously reducing carbon emissions and environmental impact.



Indonesia's 100% renewable energy pledge demonstrates its dedication to a greener and more environmentally responsible energy future, aligning with global efforts to combat climate change and promote sustainability. Electrical engineering department at Sriwijaya University collaborates with the Schneider Electric company in a mission to build a campus environment that uses renewable energy.



Schneider Electric provides assistance with CL 36 Solar Inverter equipment with a capacity of 36 kWp to the electrical engineering department. This assistance is a form of Schneider Electric's commitment to support the development of research on Solar Power Plants. The use of a solar inverter can increase the efficiency of energy use by 95% so that the amount of energy used can be much reduced compared to without using a solar inverter.

Until 2023, Sriwijaya University has many solar cell lamps. On the Palembang campus, there are a total of 128 solar cell lamps with a 600-watt capacity and on the Indralaya campus there are 47 solar cell lamps with a 600-watt capacity.