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KUALA TERENGGANU: The government is encouraging local authorities and other entities to adopt Solar Photovoltaic (Solar PV) systems as part of efforts to accelerate the country's transition towards clean energy.

Deputy Prime Minister Datuk Seri Fadillah Yusof said installing Solar PV systems would help reduce electricity bills, generate renewable energy and cut carbon emissions.

Fadillah, who is also Energy Transition and Water Transformation minister, highlighted the Kuala Terengganu City Council as a leading example, noting its installation of Solar PV systems at the council tower's rooftop and parking area.

"The installation is the largest solar project by a local authority under the Net Energy Metering programme, within the NEM GoMEN (Net Energy Metering for Government Ministries and Entities) category, approved by the Sustainable Energy Development Authority Malaysia on Dec 16, 2021.

"It has been operational since Jan 2, 2024, and is expected to generate 1,147MWh of green electricity annually – translating to estimated savings of over RM200,000 a year," he said after inspecting the site during his ministry's East Zone Roadshow in Kelantan and Terengganu, which began on Saturday.

The roadshow also visited the Large-Scale Solar (LSS) Coara Marang plant, developed under the LSS3 programme, which he said supplies power to over 10,000 households daily.

"This plant is among the most technologically advanced in the country and serves as a model for disaster-resilient solar infrastructure, especially in flood-prone areas," he said.

The tour concluded with a visit to Concord Biotech Sdn Bhd's RM21 million biogas power plant in Kemaman, which uses palm oil mill effluent to fuel two biogas engines with a combined capacity of 2.404MW. – Bernama