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A NEWLY installed photovoltaic (PV) system at Sepang Municipal Council (MPSepang) building in Cyberjaya, Selangor, is estimated to reduce the local authority's electricity bill by 20%.

A PV system is composed of one or more solar panels combined with an inverter and other electrical and mechanical hardware.

MPSepang president Datuk Abd Hamid Hussain said the solar panels, with an estimated capacity of 470kWp (kilowatts peak) would generate approxi-

mately 602,409kWh in the first year.

"MPSepang is expected to save RM105,422 in the first year.

"The solar panels installation is a 20-year contract, which means MPSepang is expected to save RM6,345,016.

"This is in line with the council's Cyberjaya Smart and Low Carbon City 2025 and vision for a clean, green, smart and sustainable municipality by 2030, in support of Sustainable Development Goals," he said at the PV system launch at MPSepang headquarters.

Abd Hamid said the supply

agreement-renewable energy contract was signed on Dec 17, 2021.

MPSepang signed the contract with Tenaga Nasional Bhd and its wholly owned subsidiary, GSPARX Sdn Bhd, a company that provides solar solutions.

"The solar panels were installed in four months, between April 18 and Aug 12 of 2022, while the licence to fully operate it was obtained on Dec 7 last year," said Abd Hamid.

"I hope more similar energy saving initiatives will be taken and the council will be a benchmark for other departments and corporations in Sepang."



The PV system installed at the MPSepang building roof is expected to save RM105,422 in the first year of the system installation contract.