



11 AUG, 2025

Tenaga Nasional Bhd smart meters give Malaysians better energy management

Borneo Post (KK), Malaysia



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KUALA LUMPUR: Malaysia's introduction of a new electricity tariff marked not only a policy shift but also the start of a smarter way to power homes through smart meters that provide customers with real-time insights and

the freedom to manage their energy use under the Time-of-Use (ToU) scheme.

The nationwide rollout of smart meters is gaining momentum as customers experience improved energy monitoring and greater control

over electricity consumption through Tenaga Nasional Bhd's (TNB) Advanced Metering Infrastructure (AMI) initiative.

The smart meter upgrade, set to be installed in approximately 10.4 million homes across Peninsular Malaysia by 2028

and beyond, offers daily and half-hourly usage data accessible via the myTNB app and portal.

According to TNB on its website, a smart meter is a digital device that records electricity usage and

automatically transmits data to TNB through secure radio-frequency communication, enabling accurate billing, daily usage tracking, and enhanced energy management.

While countries such as the United States, United Kingdom,

Japan and China have adopted smart meters, Malaysia is leading the way in Southeast Asia.

However, persistent myths around billing, health, and privacy continue to cloud public perception. — Bernama