



## PRESS STATEMENT

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### 26.5 KM SUBMARINE CABLE TO STRENGTHEN ELECTRICITY SUPPLY IN PULAU LANGKAWI

- Among TNB's efforts to bolster the country's electricity infrastructure
- Stable electricity supply for Visit Malaysia 2020 and APEC 2020

Langkawi's electric system, now fully automated, will be further enhanced through the installation of a 26.5km submarine cable that will deliver energy from the National Grid to the resort island.

"The effort to expand the 132 kilovolt (kV) submarine cable is part of TNB's capital expenditure to strengthen the country's electricity infrastructure," said TNB Chief Grid Officer Datuk Ir. Husaini Husin.

He said the work to lay the submarine cable connecting the Kuala Perlis Transmission Main Intake (PMU) with the Teluk Apau PMU in Pulau Langkawi began last October, and is expected to be completed by year end.

The project is expected to help Pulau Langkawi in its preparation to accommodate about four million tourists in conjunction with Visit Malaysia 2020, and to be one of the Asia Pacific Economic Cooperation Conference 2020 (APEC 2020) meeting venues.

The project will enhance the reliability, quality, stability and efficiency of the electricity supply to Pulau Langkawi, which is currently receiving supply from the National Grid through two other existing submarine cables, said Ir. Husaini.

The new submarine cable uses the latest technology, i.e. cross-linked polyethylene, as opposed to oil-filled cable used previously, he added.

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## ***ELECTRICITY SUPPLY AUTOMATION SYSTEM IN PULAU LANGKAWI***

*Starting early this year, Langkawi's electricity supply system is fully automated through Supervisory Control and Data Acquisition (SCADA) that connects all 404 substations on the island.*

*This automation system will help to speed up the recovery time of electricity supply in the event of TNB's system malfunction.*

### **CAPTIONS**

#### **PHOTO 1:**

Deployment work of the 132 kilovolt (kV) submarine cable from Peninsular Malaysia to Pulau Langkawi is being conducted by Tenaga Nasional Berhad (TNB) to enhance the reliability, quality, stability, and efficiency of the electricity supply to the resort island.



**PHOTO 2:**

Cable deployed from the barge were laid three meters below the sea floor. The 26.5 km cable links the Kuala Perlis Transmission Main Intakes (PMU) and the Teluk Apau PMU in Pulau Langkawi.



**PHOTO 3:**

The project to extend the submarine cable from Peninsular Malaysia to Pulau Langkawi by Tenaga Nasional Berhad (TNB) is expected to be completed later this year.

