



BEM Approved
 CPD/PDP Hours: **3**
 Ref: IEM25/PG/087/V

Technical Visit to TNB Prai Power Plant



21 April 2025 (Mon)



9.45am – 1.00pm



TNB Prai Sdn Bhd
 Stesen Janakuasa Perai
 13600 Perai, Penang.



REGISTER ONLINE @
event.iempenang.org

IEM Member: RM 30
 Non-IEM Member: RM 60

***Participants are required to bring their own safety boot and safety helmet.**

Time	Details
9.45am - 10.00am	Arrival & Registration
10.00am-11.00am	Introduction and SJ Prai Operation Technical Presentation
11.00am - 12.30pm	Visit to CCR and Power Plant Site
12.30pm - 1.00pm	Q&A, round up & souvenir presentation

Synopsis

TNB Prai Power Plant, located in Prai, Penang, Malaysia, is a key power generation facility operated by Tenaga Nasional Berhad (TNB). The plant plays a crucial role in supplying electricity to the national grid, supporting Malaysia’s industrial and residential energy needs. Utilizing advanced combined-cycle gas turbine (CCGT) technology, the plant ensures high efficiency and lower emissions, aligning with TNB’s commitment to sustainable and reliable power generation. Strategically positioned near major industrial hubs, it helps meet the region’s growing electricity demand while maintaining operational excellence.

The history of the TNB Prai Power Plant dates back to the 1970s when the original Prai Power Station was commissioned to address Malaysia’s increasing energy consumption. Over the decades, the facility underwent multiple upgrades to enhance its efficiency and capacity. In 2014, TNB introduced a modern CCGT power plant, significantly boosting energy output and reducing environmental impact. Since then, the plant has continued to evolve, adopting cutting-edge technologies to optimize performance and contribute to Malaysia’s long-term energy sustainability.

This Event is organized by:



In Collaboration with:

