



PRESS RELEASE

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KLIA's UPGRADED DISTRICT COOLING FACILITY COMMENCES OPERATION

- Operation & maintenance by CESSB, a TNB-MAHB JV company
- More efficient, fully electric operation
- Significantly reducing KLIA's operating costs by over RM50 million per annum

Cooling Energy Supply Sdn Bhd (CESSB), a joint venture (JV) between Tenaga Nasional Berhad (TNB) and Malaysia Airports Holdings Berhad (MAHB) has on 1 July 2021 commenced the operation and maintenance of the district cooling facility at Kuala Lumpur International Airport (KLIA).

CESSB, 70 per cent owned by TNB's wholly-owned subsidiary TNB Engineering Corporation Sdn Bhd (TNEC) and the remaining 30 per cent by MAHB's wholly-owned unit Airport Ventures Sdn Bhd (AVSB) was formed last year to supply cooling energy and electricity at the country's premier airport.

Under the 20-year Concession Agreement signed by both parties, CESSB will operate, maintain, and upgrade the existing district cooling cogeneration plant, one of Malaysia's largest district cooling plants. The JV company will also sell, distribute, and supply cooling energy and electricity to customers in KLIA and surrounding facilities using reliable, modern and efficient technology.

TNEC Chairman, Lim Fu Yen said the collaboration between both TNB and MAHB via CESSB accentuates TNB's aspiration to be the leading provider of sustainable energy solutions in Malaysia and internationally.

"We are confident that this collaboration will significantly and positively contribute to the great customer experience that all KLIA passengers can enjoy," he added.

The collaboration is also part of TNB's rigorous efforts in promoting and providing sustainable energy solutions to its customers in line with its aspiration to brighten lives through innovative and sustainable solutions towards a better world.

The joint venture is a significant milestone not only for both TNB and MAHB but also for Malaysia as it modernises the district cooling plant at KLIA and helps consolidate energy requirements under a single provider as TNEC is also currently the cooling energy and power provider for KLIA2.

CESSB will modernise the gas-powered facility to fully electric, resulting in the KLIA plant producing cooling energy with higher efficiency thus significantly reducing KLIA's operating costs by over RM50 million per annum.

TNEC is a specialist in sustainable energy system engineering, and a market leader in the business of development, operation, and maintenance of district cooling systems and large-scale solar plants with a proven track record in Malaysia and abroad.

Apart from operating and maintaining six district cooling plants in Malaysia, TNEC has also completed the development of a few other local district cooling plants, two district cooling plants in Abu Dhabi, UAE, and three large-scale solar plants in Malaysia.

Through its collective expertise in energy management, energy audit and sustainable energy solutions, TNB is committed to its aspiration to be the leading provider of sustainable energy solutions in Malaysia and internationally.

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Kindly forward all press enquiries to Fitri Majid at 013-3626923 /

Grace Tan at 016-6626229 / Nasir Aziz at 018-9434524

or email us at media@tnb.com.my



The modernisation of the district cooling facility by CESSB will result in the plant producing cooling energy with higher efficiency, thus significantly reducing KLIA's operating costs by over RM50 million per annum.



TNEC Chairman, Lim Fu Yen