

## **PLUS RANGKUL ANUGERAH TENAGA ASEAN BAGI KATEGORI BANGUNAN CEKAP TENAGA**

**Petaling Jaya, 18 September 2023:-** PLUS Malaysia Berhad (PLUS), pengendali lebuhraya yang utama di Malaysia, mengumumkan pencapaian cemerlangnya merangkul Anugerah Tenaga ASEAN bagi Kategori Bangunan Cepak Tenaga pada “ASEAN Energy Efficiency and Conservation Best Practices Awards 2023”.



Anugerah tersebut diberikan bagi mengiktiraf strategi penjimatan tenaga yang dilaksanakan oleh PLUS di Kawasan Rehat dan Rawat Dengkil (Arah Utara). Beroperasi 24-jam sehari, R&R tersebut menggunakan tenaga elektrik secara berterusan dan menyebabkan kos penyelenggaraan yang tinggi. Bagi mengatasi cabaran ini, PLUS telah mengambil langkah-langkah inovatif melalui penambahan ciri-ciri mesra alam pada reka bentuk bangunan tersebut. R&R Dengkil (Arah Utara) turut dilengkapi Sistem Solar Fotovolta (PV), menjadikannya sebuah Bangunan Cepak Tenaga.

Selain itu, 3 elemen utama di R&R Dengkil (Arah Utara) yang terdiri daripada reka bentuk pasif, reka bentuk aktif, dan sistem tenaga boleh diperbaharui untuk memenuhi kriteria bangunan sifar tenaga yang ditetapkan adalah di antara pendekatan yang diberi perhatian yang membawa kejayaan memenangi anugerah tersebut. Di antara faktor yang membolehkan Kawasan Rehat dan Rawat Dengkil (Arah Utara) memenangi anugerah tersebut termasuklah pengurangan (Building Energy Intensity - BEI) sebanyak 99.5%, keberkesanan kos, integrasi elemen-elemen hijau dalam reka bentuk pasif dan aktif serta dilengkapi dengan sistem tenaga boleh diperbaharui.



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Anugerah “ASEAN Energy Efficiency and Conservation Best Practices Awards 2023” bukan hanya mengiktiraf usaha luar biasa PLUS, tetapi juga menghargai sumbangan melalui pelaksanaan pelbagai inisiatif hijau yang lebih lestari dan cekap tenaga kepada negara dan Rantau Asia secara keseluruhannya. Pengiktirafan ini turut menekankan peranan penting PLUS dalam membentuk masa depan rantau ini melalui amalan inovatif serta amalan mementingkan pemeliharaan alam sekitar.

Selain PLUS, anugerah tersebut turut diberikan kepada organisasi-organisasi terkemuka dari rantau ini, termasuklah Sinar Mas Land (Indonesia), Gudang Spritzer ASRS (Malaysia), Samwoh Corporation PTE, LTD (Singapura), dan *Provincial Electricity Authority* (PEA) (Thailand).

Anugerah tersebut telah disampaikan kepada Ketua Pegawai Operasi PLUS, Datuk Zakaria Ahmad Zabidi, pada Makan Malam Gala dan Majlis Anugerah yang telah berlangsung baru-baru ini di Pusat Konvensyen Bali Nusa Dua di Bali, Indonesia bersempena “ASEAN Energy Business Forum”.

Menurut Datuk Zakaria, “Ini merupakan kali ketiga PLUS memenangi anugerah tenaga di peringkat ASEAN dan ia membolehkan PLUS mengekalkan reputasinya sebagai salah sebuah organisasi yang sentiasa inovatif di dalam pelaksanaan inovatif kecekapan tenaga di rantau ini.

Sebelum ini, PLUS turut muncul Naib Juara bagi kategori “Energy Efficiency for Energy Management of Large Buildings” pada tahun 2020 dan bagi kategori “Retrofitted Building” pada tahun 2021 pada ASEAN Energy Awards.”

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## PLUS ATTAINS ASEAN ENERGY AWARD FOR ENERGY EFFICIENT BUILDING

**Petaling Jaya, 18 September 2023:-** PLUS Malaysia Berhad (PLUS), Malaysia's leading highway concessionaire, is proud to announce its remarkable achievement in winning the prestigious Energy Efficient Building Award in the Zero Energy Building category at the ASEAN Energy Efficiency and Conservation Best Practices Awards 2023.



The award serves as a recognition of PLUS' commendable efforts in implementing energy-saving strategies at its Dengkil R&R (Northbound). The facility operates round the clock, which naturally results in substantial electricity consumption and maintenance expenses. In response to this sustainability challenge, PLUS undertook a series of innovative initiatives aimed at incorporating eco-friendly elements into the building design.

One of the notable measures taken was the integration of a Solar Photovoltaic (PV) System, which seamlessly complements the R&R's passive design. These concerted efforts have effectively transformed the rest area into an energy efficient facility, demonstrating PLUS' commitment to reducing its environmental footprint while simultaneously providing continuous service to its patrons.

Furthermore, the attainment of zero energy building requirements hinged on three pivotal elements: passive design, active design, and renewable energy systems. It was the successful integration of these components that served as the cornerstone, ultimately leading to PLUS'



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well-deserved recognition and award win. The winning factors for Dengkil R&R (Northbound) include Building Energy Intensity (BEI) reduction of 99.5%, cost-effectiveness, integration of green elements in passive and active designs as well as availability of renewable energy system.

The ASEAN Energy Efficiency and Conservation Best Practices Awards 2023 not only acknowledges PLUS' exceptional efforts but also highlights its significant contribution by executing various green initiatives that are sustainable and energy efficient to the ASEAN community overall. The recognition underscores PLUS' pivotal role in shaping the region's future through innovative and eco-conscious practices.

Among the winners of the Zero Energy Building category were prominent organizations from across the ASEAN region, namely Sinar Mas Land (Indonesia), Spritzer ASRS Warehouse (Malaysia), Samwoh Corporation PTE, LTD (Singapore) and Provincial Electricity Authority (PEA) (Thailand).

The award was presented to PLUS' Chief Operating Officer, Datuk Zakaria Ahmad Zabidi, at a Gala Dinner and Award Ceremony at the Bali Nusa Dua Convention Centre in Bali, Indonesia in conjunction with the ASEAN Energy Business Forum, recently.

He further added, "This is PLUS' third award at the ASEAN Energy Awards which cements its reputation as an innovative organisation in energy efficiency and conservation in the region. In the past, PLUS had also received the 1st Runner-up award in the Energy Efficiency category for Energy Management of Large Buildings in 2020 and for Retrofitted Building in 2021 at the ASEAN Energy Awards."

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