



Empowering The Nation

Embracing the transition to sustainable energy practices across all markets



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"I am inspired by the progress made by various sectors in advancing our country's energy transition agenda. The commitment to sustainable energy development and practices will drive Malaysia's future growth."

- YAB Dato' Sri Haji Fadillah Haji Yusof
Deputy Prime Minister and Minister of Energy Transition and Water Transformation



Powering Malaysia's Energy Future

Recognising Pioneers of Sustainable Energy



NEA aligns with Malaysia's national aspirations in three key areas

1

ENERGY TRANSITION: NEA drives Malaysia's shift from fossil fuel-based energy sources to cleaner, renewable options. By recognising and rewarding projects that incorporate renewable energy solutions like solar, biogas, biomass and hydropower, the awards contribute to reducing the country's carbon footprint and advancing its energy transition agenda.

2

GREEN TECHNOLOGY: NEA showcases innovative and cutting-edge technologies that enhance energy efficiency across various sectors. This includes smart grid solutions, energy-efficient buildings, and sustainable industrial practices, which collectively support Malaysia's growing green economy and create new opportunities for sustainable growth.

3

SUSTAINABILITY: NEA promotes initiatives that balance economic growth with environmental protection, ensuring that development is sustainable. These efforts align with Malaysia's commitments under the Paris Agreement to combat climate change by reducing GHG emissions and fostering a greener future.

Through NEA, PETRA aims to position Malaysia as a leader in sustainable energy development. By pushing the boundaries of what can be achieved in energy efficiency and renewable energy deployment, NEA helps set new benchmarks for sustainable energy that contribute to Malaysia's broader environmental and economic goals.

NEA, showcasing Malaysia's leadership in energy efficiency and renewable energy.

- To encourage the widespread adoption of sustainable energy across all sectors, driving Malaysia closer to its energy transition aspiration and fostering a greener, more sustainable economy.

NEA'S ROLE IN SUPPORTING MALAYSIA'S ENERGY TRANSITION AND SUSTAINABILITY

The establishment of NEA is closely aligned with Malaysia's long-term sustainability ambitions, particularly the nation's energy transition aspiration as well as the goal of achieving net-zero GHG emissions by 2050. As part of this broader vision, NEA plays a pivotal role in promoting excellence in energy management and renewable energy practices. By encouraging organisations across Malaysia to reduce their reliance on fossil fuels, enhance energy efficiency, and adopt cleaner energy solutions, NEA is helping to drive the country's energy transition.

This shift is critical as Malaysia moves away from conventional energy sources such as coal and natural gas, towards renewable alternatives like solar, wind, and hydropower. By identifying and showcasing successful projects, NEA not only accelerates this transition but also supports the country's wider efforts to create a more sustainable future.

THE NATIONAL ENERGY Awards (NEA) serves as a premier platform for recognising excellence in sustainable energy initiatives across Malaysia. Organised by the Ministry of Energy Transition and Water Transformation (PETRA), NEA highlights outstanding achievements in energy efficiency and renewable energy solutions. Since its inception in 2018, NEA has been pivotal in advancing Malaysia's transition towards a cleaner and more sustainable energy system.

By acknowledging the efforts of industry leaders, innovators, and public institutions, NEA promotes the adoption of best practices in energy management and the development of renewable energy technologies. This aligns with Malaysia's national objectives to transition towards a lower carbon energy system with at least 70% of renewable energy in its installed power capacity by 2050.

Furthermore, NEA has bolstered Malaysia's standing on the regional stage, with several of its winners achieving recognition at the ASEAN Energy Awards (AEA). These accomplishments underscore Malaysia's leadership in sustainable energy across the ASEAN region, reinforcing the nation's commitment to shaping a sustainable energy future both domestically and regionally.

The main objectives of NEA are:

- To identify Malaysian organisations with exemplary sustainable energy practices and represent the country at

A Legacy of Excellence

Celebrating the Journey of the National Energy Awards (NEA) since 2018

NEA 2018

- The inaugural National Energy Awards (NEA) in 2018 attracted 73 submissions, recognising 7 winners and 6 runners-up in Energy Efficiency, along with 4 winners and 2 runners-up in Renewable Energy.
- Winners were submitted to represent Malaysia at the ASEAN Energy Awards (AEA).
- Additionally, two honorary mentions were given in the 'Special Category - Ministry & Government Building' after evaluating 25 government complexes based on energy consumption patterns and the Building Energy Index (BEI).

NEA 2019

- Received 77 submissions across three categories: 17 for Energy Efficient Buildings, 27 for Energy Management, and 33 for Renewable Energy.
- Winners were announced in July 2019, with 21 Malaysian winners competing at AEA in November, where 11 secured awards.

NEA 2020

- Participation grew to 110 entries, resulting in 30 winners across Energy Efficiency and Renewable Energy categories, who represented Malaysia at the AEA during the 38th ASEAN Ministers on Energy Meeting on 19 November.
- Introduced three Special Awards: Institute of Higher Education, Sustainable Energy Financing, and Energy Performance Contracting (EPC) to promote energy initiatives across sectors.

NEA Highlights from 2018-2024

Winners

203

Submissions

Over 1,200

from various sectors, including healthcare, government bodies, and private sectors

ASEAN Recognitions

105

Malaysian organisations recognised at the ASEAN Energy Awards

NEA 2021

- Recognised 29 industry players for achievements in renewable energy and energy efficiency, with winners announced virtually due to the COVID-19 pandemic.
- Award categories included 8 organisations for Best Practices in Energy Management, 6 for Energy Efficient Buildings, and 11 for Best Renewable Energy Projects, alongside three Special Awards for Energy Performance Contracting, Sustainable Practices by Institutions of Higher Learning, and Sustainable Financing.
- Winners represented Malaysia at AEA 2021.

NEA 2022

- Featured 20 awards, recognising 12 groups for Energy Management, Energy Efficient Buildings, Renewable Energy, and Special Awards.
- Winners exemplified excellence through a rigorous evaluation by a panel of knowledgeable judges.

NEA 2023

- Recognised 38 industry players and institutions for their commitment to renewable energy and energy efficiency, with 114 entries achieving a reduction of over 1.4 gigawatts in cumulative energy consumption.
- 23 winners represented Malaysia at AEA 2023, with 12 securing awards in various categories.

Integrating Energy Management, Efficiency, and Renewables

ENERGY management, energy efficiency, and renewable energy go hand in hand in Malaysia's efforts to create a sustainable energy ecosystem. Strategic energy management ensures

efficient energy use, reduces waste, and increases the share of clean energy in the national grid. By promoting renewable energy adoption and improving energy efficiency, these efforts help address

the energy trilemma—balancing energy security, sustainability, and affordability—while reducing energy intensity, lowering carbon emissions, and fostering environmental sustainability.

1990s

Energy Commission was established to regulate energy supply and efficiency.

2008

National Energy Policy was introduced to focus on energy security and sustainability.

2021

12th Malaysia Plan (2021-2025) emphasised renewable energy and reduced fossil fuel reliance. It also highlighted Malaysia's commitment to achieve carbon neutrality by 2050 and meet Paris Agreement targets.

2023

The Energy Efficiency Conservation Act (EECA) was passed in the Parliament, aiming to save 2,017 million gigajoules of energy use, equivalent to RM97.1 billion (\$28 billion) by 2050. The National Energy Transition Roadmap (NETR) was introduced by the Ministry of Economy to accelerate energy transition efforts, targeting 70% of renewable energy capacity mix by 2050.

Energy Management

Energy management in Malaysia unites the government, private sector, consumers, and renewable energy developers to drive efficiency, reduce demand, and expand clean energy adoption.

It is a nationwide effort, addressing the unique needs of urban areas, industrial zones, and rural communities. These efforts are vital to Malaysia's future, ensuring economic stability through cost reduction and reliable energy supply, advancing environmental goals like carbon neutrality by 2050, and bolstering energy security with diversified renewable energy sources.

Energy management in Malaysia is driven by strategic policies, regulations, and targeted programmes to improve energy efficiency and sustainability:

- **Policies and Regulations**
 - Energy Efficiency Conservation Act (EECA)
 - National Energy Efficiency Action Plan (NEEAP)
 - Renewable Energy Act 2011 & Electricity Supply Act 1990
- **Energy Efficiency and Renewable Energy Adoption Programmes**
 - Green Technology Financing Scheme (GTFS)
 - Mandatory Energy Audits
 - Green Smart Island
 - Corporate Green Power Programme (CGPP)
 - Corporate Renewable Energy Supply Scheme (CRESS)
 - The Green Building Index (GBI)

Energy Efficiency

Energy efficiency, often called the “first fuel” in clean energy transitions, is a cost-effective way to reduce CO₂ emissions, lower energy bills, and enhance energy security. It works alongside electrification, behavioural changes, and digitalisation to influence global energy intensity.

Malaysia's National Energy Efficiency Action Plan (NEEAP) addresses energy supply challenges by managing demand efficiently through practical, impactful measures.

Over a 10-year period, NEEAP has introduced 10 programmes across three sectors, grouped into five key initiatives:

- Promotion of 5-Star Rated Appliances
- Minimum Energy Performance Standards (MEPS)
- Energy Audits and Management in Buildings and Industries
- Promotion of Co-generation
- Energy-Efficient Building Design

Energy-efficient buildings provide comfortable living environments while minimising energy use and waste, conserving resources like energy, water, and materials, and reducing environmental impact. By integrating eco-friendly design, construction, and operation practices, these buildings aim to perform the same or enhanced functions with less energy.

Renewable Energy

Renewable energy comes from natural sources like sunlight and wind that replenish faster than they are consumed, making them abundant and sustainable. Unlike fossil fuels, which dominate global emissions, renewable energy generation produces significantly lower greenhouse gas emissions. Transitioning to renewable energy is vital for combating the climate crisis and reducing reliance on finite, polluting energy sources.

Malaysia has committed to increase renewable energy composition to 70 per cent of the total generation capacity by 2050. Malaysia's renewable energy sources include:

- Solar
- Hydropower
- Biogas
- Biomass
- Geothermal

Transitioning to renewable energy could save Malaysia US\$9 to US\$13 billion annually by 2050 through reduced energy, climate, and health-related expenses.

Several programmes promote renewable energy adoption, including the Feed-in Tariff (FiT) scheme, Large Scale Solar (LSS) auctions, Net Energy Metering (NEM), and Self-Consumption (SELCO) initiatives.

National Energy Awards 2024

Recognising Outstanding Contributions to Energy Efficiency and Renewable Energy



SINCE 2018, the National Energy Awards (NEA) has received over 950 applications across various categories, proudly recognising more than 150 organisations that have won the award and represented Malaysia at the ASEAN Energy Awards (AEA).

In 2024, NEA continues its tradition of celebrating industry leaders and organisations that have demonstrated exceptional commitment to energy efficiency, renewable energy, and sustainable practices. This year, 25 recipients have been honoured for their significant contributions to optimising energy management, enhancing energy efficiency, and advancing renewable energy technologies.

National Energy Awards 2024 Highlights

Winners

25

Submissions

134

from sectors including healthcare, government bodies, and private sectors

Energy Savings

315.37 GWh *

GWh saved annually (Equivalent to RM 45 million in reduced energy bills)

Power Generation

283.71 GWh *

from renewable energy sources

Carbon Emissions Reduction

238,504.41 *

metric tonnes annually (Equivalent to planting 5,962,610 trees)

*Based on the number of submissions

NEA 2024 Winners

A Testament to Sustainable Innovations

ENERGY management, energy-efficient buildings, and renewable energy are critical pillars in achieving sustainable development and addressing global challenges such as energy consumption and climate change. The National

Energy Awards (NEA) focuses on these three key areas as they underpin a comprehensive strategy for achieving a more sustainable energy future for Malaysia, offering both immediate and long-term solutions.

NEA 2024 recognises excellence across various categories that emphasise energy efficiency and renewable energy, fostering inclusivity and participation from all sectors of the economy.

Category 1 - Energy Management

ENERGY MANAGEMENT IN LARGE BUILDING

Winner: Universiti Teknikal Malaysia Melaka (UTeM)



UTeM's Sustainable Energy Management System (SEMS) achieved energy reductions of up to 19.3% (2021-2023), far exceeding its 3% annual target. Upgrading 12 chillers to variable speed drive (VSD) models saved 3,352 MWh annually, reflecting strong leadership and campus-wide engagement.

Runner-Up: Hospital Melaka



Hospital Melaka, with 1,101 beds, achieved 3-4% annual energy savings (2021-2023) and reduced carbon emissions through detailed audits and management. Its sustainability efforts also include waste reduction of paper, plastic, and steel.

ENERGY MANAGEMENT IN SMALL & MEDIUM BUILDING

Winner: Hospital Hulu Terengganu



Hospital Hulu Terengganu achieved 42% energy savings (2018-2023) through four Energy Accounting Centres (EAC) and Sustainability Improvement Teams (SIT), driven by trained personnel and strategic energy management.

Runner-Up: Hospital Gerik, Perak



Hospital Gerik achieved 9.5% energy savings (2019-2023) through annual investments of approximately RM500,000 in energy management, using 2018 as the baseline.

ENERGY MANAGEMENT IN LARGE INDUSTRY

Winner: Mycron Steel CRC Sdn Bhd



Mycron Steel, accredited to MS 50001 (Energy Management Systems - Requirements with Guidance for Use), upgraded its compressed air systems, replacing six 7kW compressors with three 132kW units, saving RM1.262 million in 12 months. The RM1.141 million investment achieved payback in 0.9 years.

Runner-Up: PETRON Malaysia Refining & Marketing Berhad



PETRON Malaysia's biodiesel plant achieved a 17.8% energy saving in 2023 (base year: 2020) through LED and solar lighting, inverters, and digital power meters under its sustainable energy plan.

ENERGY MANAGEMENT IN SMALL & MEDIUM INDUSTRY

Winner: Indah Water Konsortium Sdn Bhd



Indah Water reduced energy use at Taman Mawar Plant from 5.85M kWh to 2.21M kWh/year (2018-2020) by replacing root blowers with turbo blowers and installing solar PV systems.

Runner-Up: SMART Modular Technologies



SMART Modular reduced its Energy Efficiency Index by 7.9% (2021-2023) through initiatives like installing inverters on motors and pumps, optimising air conditioning, upgrading air handling units, and implementing power monitoring.

Category 2 - Energy Efficient Building

EE DESIGNED BUILDING

Winner: UOB Plaza 1, Kuala Lumpur



UOB Plaza 1 has retained its Green Building Index (GBI) Gold rating since 2016. Its double-glazed low-e glass façade achieves an OTTV of 31 W/m². Daylighting covers 41% of the Net Lettable Area (NLA), and natural ventilation is maximised throughout. The cooling system features high-performance chillers, VSDs, heat recovery wheels, and electronic filters, boosting energy efficiency.

Runner-Up: IOI City Mall Phase 2



IOI City Mall Phase 2 enhances energy efficiency with external solar shading, low-e glazing, and energy-efficient lighting. It also features heat recovery wheels, a VAV system, regenerative lifts, rainwater harvesting, and a 70 kWp BIPV system on the rooftop.

TROPICAL BUILDING

Winner: PETRONAS Leadership Centre



The PETRONAS Leadership Centre in Bangi sets a standard for sustainable design with greenery, bioswales, and a man-made lake to reduce the heat island effect. It integrates natural ventilation, site planning, and solar energy to achieve low-energy goals.

RETROFITTED BUILDING

Merit: Institut Jantung Negara (IJN) & Hospital Kulim, Kedah



IJN's retrofitting included replacing chillers, installing LED lighting, and introducing heat pumps. Additionally, 450 kWp of solar panels were installed, successfully meeting energy reduction targets. Hospital Kulim's retrofitting replaced chillers and outdated equipment with energy-efficient systems and initiated a transition to LED lighting, meeting expected energy reduction targets.

LARGE GREEN BUILDING

Winner: Menara Technip Energies

Menara Technip Energies, a 16-storey building, designed with the perimeter features with double glazed unit, enhancing the daylight which illuminated 41% of the NLA while also minimizing the heat transfer through glazing conduction. The roof of the building is equipped with 231 PV panels which carries a capacity of 104 kWp. Additionally, portable water consumption is minimized through the use of water efficient sanitary fittings and harvested rainwater for irrigation.



Runner-Up: Block F1, Parcel F, Putrajaya

(Suruhanjaya Perkhidmatan Awam (SPA))

Block F1, Putrajaya, features a 55 kWp solar PV system, low-VOC and recycled materials, water-efficient fittings, green vehicle charging stations, and recycling practices. Daylight harvesting maximises natural light, while light-coloured hardscapes and greenery reduce the heat island effect.

SMALL GREEN BUILDING

Winner: 1Lasam

1Lasam features extensive greenery, including sky gardens, vertical greenery, artificial ponds, and water fountains to reduce the heat island effect. Its energy-efficient air-conditioning system, LED lights with smart controls, regenerative lifts, efficient escalators, demand control ventilation, and chemical-free water treatment enhance sustainability.



Runner-Up: IOI Sales Gallery, Kulai

The IOI Sales Gallery in Kulai features an alfresco dining area with greenery and water features. It incorporates technologies to reduce energy and water usage, sustainable materials, natural ventilation with HVLS fans, rainwater for irrigation and toilets, and a top-tier air-conditioning system with thermal storage.



GREEN RESIDENTIAL

Winner: Hydroponic House

The Hydroponic House features a central courtyard with a skylight for natural lighting and ventilation. Extensive greenery, including vertical hydroponic walls, reduces heat gain, while a 6 kWp solar PV system meets 34% of the home's annual electricity needs. Green construction practices were followed, with responsible material use and waste recycling.



Category 3 - Renewable Energy

ON GRID (NATIONAL GRID)

Winner: Selama Hidro Sdn Bhd

Selama Hidro's 9MW Sungai Selama Hydroelectric Power Plant in Perak generates clean electricity using the river's natural flow and advanced turbine technology from Global Hydro GmbH. The project benefits the environment and involves the community in operations, maintenance, and capacity building, enhancing local expertise.



Runner-Up: Sime Darby Plantation Renewable Energy Sdn Bhd

Sime Darby Plantation's Kempas Biogas Power Plant, commissioned in November 2022, sources renewable energy from palm oil mill effluent. The plant, with a 1.56 MWe biogas engine, has reduced 4.63 million tonnes of CO2 equivalent, primarily from Scope 3 emissions (2.66 million tCO2e), and has a potential annual reduction of 54,642.69 tCO2e.



Runner-Up: Suncrox Sdn Bhd

Suncrox's Off-Grid Solar Energy System at Kg Orang Asli Sempar, Pahang, aims to reduce carbon emissions by 29,346 kg annually. The project empowers the local community through active involvement in operation, maintenance, and capacity building, while promoting the use of local technology, providing capacity building and knowledge transfer related to local technology.



OFF GRID (POWER)

Winner: Universiti Teknologi Malaysia (UTM)

UTM's 4kWp off-grid PV system at Kg Orang Asli Pucur, Johor, provides continuous electricity to the local community, with potential carbon emissions reduction of 47.87 tonnes annually. The project also fosters community involvement in operation and maintenance, promoting capacity building and local technology use.



Special Awards

Sustainable Energy Financing

DOMESTIC AND ISLAMIC BANKS

Winner: Hong Leong Bank Berhad

Hong Leong Bank has funded over 4,000 energy-related projects, showcasing a strong commitment to supporting the growth of green initiatives and ensuring sustainable projects receive the necessary backing.



Runner-Up: RHB Bank Berhad

RHB Bank has demonstrated commitment through well-structured financing packages. However, the amount financed remains relatively smaller compared to other banks, presenting an opportunity for RHB to increase its support for green projects and play a larger role in accelerating sustainable initiatives.



FOREIGN BANKS

Winner: OCBC Bank (Malaysia) Berhad

OCBC has excelled by offering substantial B2B financing, ensuring efficient internal processes, and empowering employees through training and structured policies. These efforts, coupled with its commitment to excellence, have earned the bank numerous recognitions in the industry.



Runner-Up: United Overseas Bank (Malaysia) Berhad

UOB secured the Runner-Up spot due to its proactive and impactful campaigns that impressed the judges. As a leading financial institution, UOB is continually exploring new opportunities to enhance its role in driving Sustainable Energy Financing initiatives, positioning itself for even greater contributions in the future.



ENERGY PERFORMANCE CONTRACTING

Winner: Hospital Sultan Abdul Halim, Kedah

Hospital Sultan Abdul Halim's energy management system has saved 4,283,923 kWh annually, reducing CO2 emissions by 3,247.21 tonnes - equivalent to planting 81,180 trees each year. 247.21 tonnes, which is equivalent to planting 81,180 trees each year.



INSTITUTE OF HIGHER LEARNING (IPT)

Winner: Universiti Sains Malaysia (USM)

USM has been recognised for its initiative, "Empowering Tomorrow: Advancing Sustainability with Solar@USM." This programme has achieved total annual energy savings, reduction, and avoidance of 10,341,194 kWh. Additionally, it contributes to an annual CO2 reduction of 7,838.63 tonnes, equivalent to planting 195,966 trees each year.





ASEAN ENERGY AWARDS

Leading Sustainable Energy in ASEAN

Celebrating Malaysia's Impact in the ASEAN Energy Awards

ASEAN's Commitment to Clean Energy

At COP29, ASEAN reaffirmed its dedication to sustainable energy and climate action through the ASEAN Joint Statement on Climate Change. The statement underscored the need for regional cooperation, shared responsibility, and urgent measures to cut emissions while advocating for increased climate finance and equitable support for vulnerable nations.

To advance its energy and climate goals, ASEAN must focus on key strategic areas:

- **Boosting Climate Finance:** Leverage COP29's expanded funding to accelerate the renewable energy transition and strengthen adaptation efforts in vulnerable sectors.
- **Enhancing Carbon Markets:** Strengthen regional cooperation under the ASEAN Common Carbon Framework (ACCF) to attract investments and establish robust carbon market mechanisms.
- **Developing Renewable Energy Infrastructure:** Expand cross-border grids via the ASEAN Power Grid (APG), enhance transmission networks, and integrate variable renewable energy sources.
- **Driving Innovation & Technology Transfer:** Collaborate with global partners to adopt cutting-edge solutions such as hydrogen, carbon capture and storage (CCS), and smart grid technologies while building regional expertise.

The ASEAN Energy Awards

The Asean Energy Awards (Aea), initiated by the ASEAN Centre for Energy (ACE), play a crucial role in recognising the contributions of both public and private sectors to the region's energy development. As an intergovernmental organisation, ACE represents the energy interests of the ten ASEAN member states (AMS) within the broader ASEAN framework.

These awards serve as a catalyst for promoting clean coal technology (CCT), energy efficiency, and renewable energy initiatives, ultimately contributing to energy sustainability. They also provide organisations with a platform to benchmark, acknowledge, and share best practices in energy development.

Malaysian Champions at AEA 2024

Malaysian winners of Categories 1, 2, and 3 of the National Energy Awards (NEA) have earned the honour of representing the country at the AEA. These awardees exemplify excellence in sustainable energy initiatives, showcasing

projects that have significantly contributed to energy efficiency and management in Malaysia. Their participation in AEA not only elevates their own profiles but also enhances Malaysia's reputation as a leader in sustainable energy within ASEAN.

A total of 52 winners were recognised at AEA 2024, with 18 outstanding recipients proudly representing Malaysia. These Malaysian winners at AEA 2024 inspire more industry leaders to embrace sustainable energy practices. Their achievements serve as a constant reminder that the success of the energy transition journey relies on the commitment and collaboration of the entire nation across all industries.

ENERGY MANAGEMENT IN BUILDING AND INDUSTRIES

Large Buildings	Winner	Universiti Teknikal Malaysia Melaka (UTeM)
	2nd Runner-Up	Hospital Melaka
Small and Medium Buildings	Winner	Hospital Hulu Terengganu
Small and Medium Industries	1st Runner-Up	SMART Modular Technologies
	2nd Runner-Up	Indah Water Konsortium Sdn Bhd Taman Mawar, Puchong

ENERGY EFFICIENT BUILDING

New and Existing	Winner	UOB Plaza 1 Kuala Lumpur
	Winner	IOI City Mall Phase 2
Tropical Building	Winner	PETRONAS Leadership Centre

GREEN BUILDING

Large	1st Runner-Up	Parcel F, Government Complex, Putrajaya
Small and Medium	Winner	IOI Sales Gallery, Kulai
Residential	Winner	Hydroponic House

RENEWABLE ENERGY PROJECTS

Off-Grid (Power)	1st Runner-Up	Universiti Teknologi Malaysia (UTM) - Centralised Off-Grid Photovoltaic Design & Knowledge Transfer Programme at Kg Orang Asli Pucur, Kluang Johor
On-Grid (National Grid)	2nd Runner-Up	SD Guthrie TNB Renewables Sdn Bhd - Feed in Tariff Electrification via Renewable Energy Sourcing from Palm Oil Mill Effluent at Kempas Biogas Power Plant

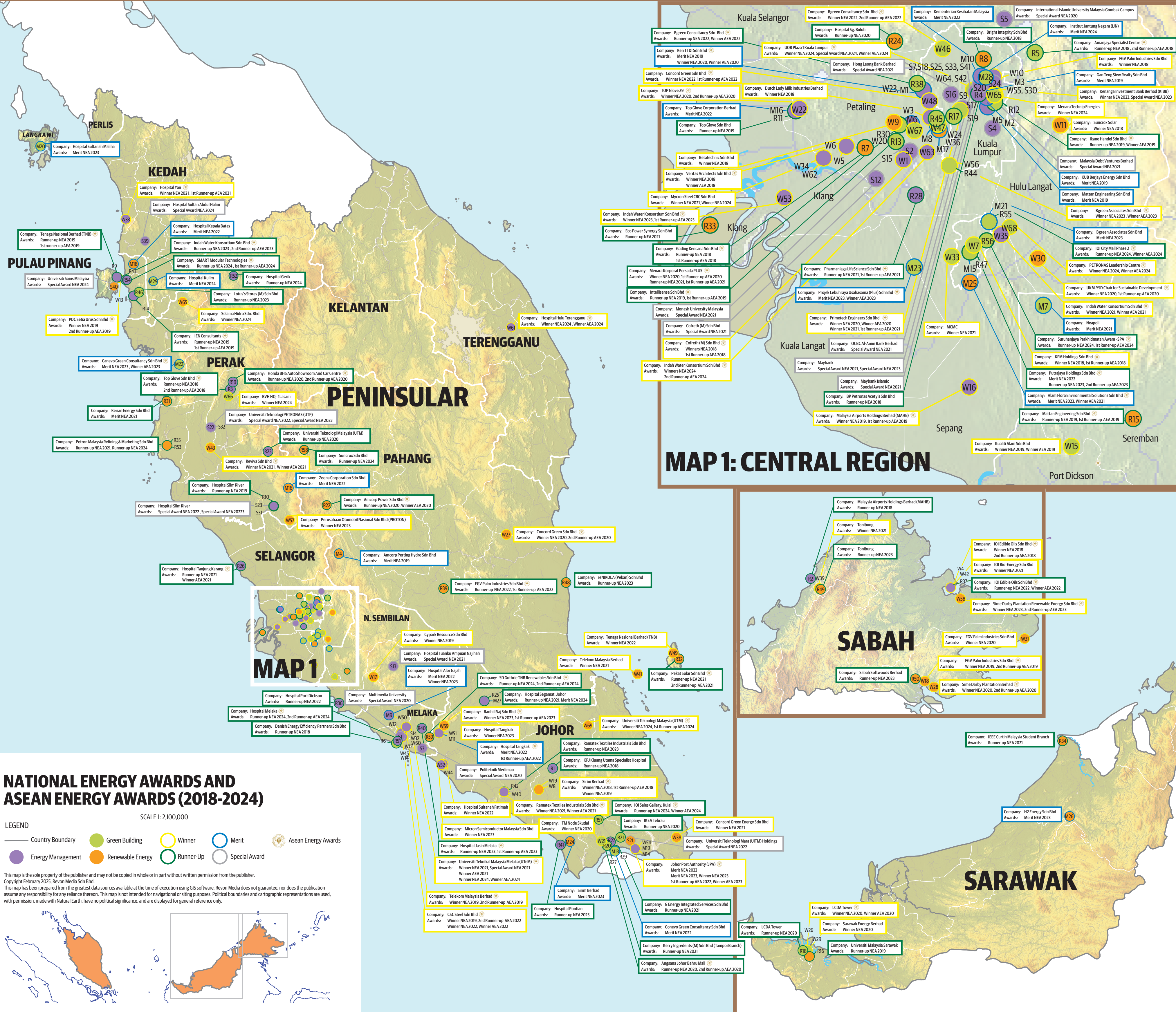
National Energy Awards (NEA) and Asean Energy Awards (2018 to 2024)



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NATIONAL ENERGY AWARDS AND ASEAN ENERGY AWARDS (2018-2024)

LEGEND

- Country Boundary
- Green Building
- Winner
- Merit
- Asean Energy Awards
- Energy Management
- Renewable Energy
- Special Award

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ID	ORGANIZATION	CATEGORY	AWARDED YEAR	AWARDED YEAR
W1	Colson W1 Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W2	Alor Gajah Sdn Bhd	1 EM&B	NEA 2019	AEA 2019
W3	Dutch Lady Milk Industries Berhad (DLM)	1 EM&B	NEA 2018	AEA 2018
W4	IOI Edible Oils Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W5	Veritas Architects Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
W6	Veritas Architects Sdn Bhd	1 E&O	NEA 2018	AEA 2018
W7	Banque Paribas Private - IFM Holdings Sdn Bhd	1 RETROFITTED	NEA 2018	AEA 2018
W8	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W9	NATHERM GRID	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W10	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W11	Suncor Solar	2 OFF GRID POWER	NEA 2018	AEA 2018
W12	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018
W13	Malaysia Airports Holdings Berhad (MAHB)	1 EM&B	NEA 2018	AEA 2018
W14	Top Glove Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W15	BP Petronas Acetyls Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W16	Amnaya Specialist Centre	1 GREEN BUILDING	NEA 2018	AEA 2018
W17	Central Energy Partners Sdn Bhd	1 RETROFITTED	NEA 2018	AEA 2018
W18	Getrina Gensets Sdn Bhd	2 NATIONAL GRID	NEA 2018	AEA 2018
W19	Burnt Energy Sdn Bhd	2 RETROFITTED	NEA 2018	AEA 2018
W20	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W21	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W22	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W23	Kuala Alam Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
W24	Malaysia Airports Holdings Berhad (MAHB)	2 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W25	Copiah Resource Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W26	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W27	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W28	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018
W29	Central Energy Partners Sdn Bhd	1 RETROFITTED	NEA 2018	AEA 2018
W30	Getrina Gensets Sdn Bhd	2 NATIONAL GRID	NEA 2018	AEA 2018
W31	Burnt Energy Sdn Bhd	2 RETROFITTED	NEA 2018	AEA 2018
W32	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W33	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W34	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W35	Kuala Alam Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
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W44	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W45	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W46	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W47	Kuala Alam Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
W48	Malaysia Airports Holdings Berhad (MAHB)	2 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W49	Copiah Resource Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W50	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W51	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W52	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018
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W54	Getrina Gensets Sdn Bhd	2 NATIONAL GRID	NEA 2018	AEA 2018
W55	Burnt Energy Sdn Bhd	2 RETROFITTED	NEA 2018	AEA 2018
W56	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W57	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W58	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
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W60	Malaysia Airports Holdings Berhad (MAHB)	2 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W61	Copiah Resource Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W62	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W63	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W64	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018
W65	Central Energy Partners Sdn Bhd	1 RETROFITTED	NEA 2018	AEA 2018
W66	Getrina Gensets Sdn Bhd	2 NATIONAL GRID	NEA 2018	AEA 2018
W67	Burnt Energy Sdn Bhd	2 RETROFITTED	NEA 2018	AEA 2018
W68	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W69	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W70	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W71	Kuala Alam Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
W72	Malaysia Airports Holdings Berhad (MAHB)	2 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W73	Copiah Resource Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W74	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W75	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W76	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018
W77	Central Energy Partners Sdn Bhd	1 RETROFITTED	NEA 2018	AEA 2018
W78	Getrina Gensets Sdn Bhd	2 NATIONAL GRID	NEA 2018	AEA 2018
W79	Burnt Energy Sdn Bhd	2 RETROFITTED	NEA 2018	AEA 2018
W80	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W81	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W82	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W83	Kuala Alam Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
W84	Malaysia Airports Holdings Berhad (MAHB)	2 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W85	Copiah Resource Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W86	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W87	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W88	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018
W89	Central Energy Partners Sdn Bhd	1 RETROFITTED	NEA 2018	AEA 2018
W90	Getrina Gensets Sdn Bhd	2 NATIONAL GRID	NEA 2018	AEA 2018
W91	Burnt Energy Sdn Bhd	2 RETROFITTED	NEA 2018	AEA 2018
W92	Telemat Malaysia Berhad	1 EM&B	NEA 2018	AEA 2018
W93	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W94	CSC Steel Sdn Bhd	1 EM&B	NEA 2018	AEA 2018
W95	Kuala Alam Sdn Bhd	1 GREEN BUILDING	NEA 2018	AEA 2018
W96	Malaysia Airports Holdings Berhad (MAHB)	2 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W97	Copiah Resource Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W98	FGV Palm Industries Sdn Bhd	3 ON GRID NATIONAL GRID	NEA 2018	AEA 2018
W99	Sirin Berhad	2 OFF GRID THERMAL	NEA 2018	AEA 2018
W100	PTI Utama Utama Specialist Hospital	1 EM&B	NEA 2018	AEA 2018