

MEDIA FACTSHEET

29 October 2021

Energy Ambassadors Programme (EAP) 2021 *Second run of the programme sees 11 youth ambassadors appointed as advocates for the energy sector*

Eleven students have been appointed as energy sector advocates under the second run of the Energy Ambassadors Programme (EAP), aimed at encouraging youth-to-youth advocacy for the energy sector. The list of appointed ambassadors can be found in Annex A.

2 Launched in 2018, the EAP is part of the Energy Market Authority (EMA)'s efforts to nurture youths who are passionate about energy-related issues and are keen to contribute to the energy sector. Appointed ambassadors will serve a term of two years. Eight Energy Ambassadors appointed in 2018 have completed their term.

Eligibility Criteria

3 The EAP is open to Singaporeans currently studying at local Institutes of Higher Learning (IHLs). They would also need to meet the following criteria:

- Possess a strong passion for the energy sector and have a keen interest in joining the sector after graduation
- Demonstrate strong communication skills
- Preferably pursuing or intending to pursue relevant engineering courses

Application Process

4 EMA works closely with IHLs, ranging from Institutes of Technical Education (ITE), polytechnics to universities, to identify suitable candidates for the EAP. Students may sign up or be nominated by their educators for the role of an Energy Ambassador. The application period for EAP 2021 opened on 1 July 2021 and closed on 30 August 2021.

What the Programme Entails

5 As part of their two-year term, Energy Ambassadors can look forward to participating and serving as advocates in a series of sector-wide outreach events, which are organised to share the latest developments in the energy sector with students. These events include Youth@SIEW (youth segment of Singapore International Energy Week) and Powering Lives Trails (learning journeys). (See Annex B for examples of these activities and events under the EAP.)

6 In addition, Energy Ambassadors will be invited to attend training sessions conducted by EMA to deepen their understanding of the energy sector. They can also kick-start activities to engage their peers on energy-related issues, such as organising energy events within their schools or initiating energy projects based on their areas of interest.

7 Through this programme, Energy Ambassadors can also expect to:

- Receive opportunities to network with industry leaders in the energy sector through closed-door events;
- Gain insights into the developments of the energy sector including emerging trends and technologies; and
- Enjoy a head-start in finding out if the energy sector could be their choice career.

8 Energy Ambassadors who participate in at least five outreach events during their two-year term will receive Certificates of Appreciation to recognise their contributions towards the EAP.

9 Visit www.poweringlives.gov.sg/programmes/eap for more information on the EAP.

Annex A: List of Energy Ambassadors appointed in 2021

Annex B: Past activities and projects undertaken by the first batch of Energy Ambassadors, and their thoughts on the EAP

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About the Energy Market Authority

The Energy Market Authority (EMA) is a statutory board under the Singapore Ministry of Trade and Industry. Through our work, we seek to forge a progressive energy landscape for sustained growth. We aim to ensure a reliable and secure energy supply, promote effective competition in the energy market and develop a dynamic energy sector in Singapore. Visit www.ema.gov.sg for more information.

Instagram: @EMA_Singapore | Facebook: facebook.com/EnergyMarketAuthority |
Twitter: @EMA_sg | LinkedIn: linkedin.com/company/energy-market-authority-ema/

LIST OF ENERGY AMBASSADORS APPOINTED IN 2021

S/N	Name (with Salutation)	Course (Year of Study)	Institution
1	Mr Levin Khor Ren Xiang	Higher NITEC in Electrical Engineering (Year 1)	ITE College West
2	Mr Muhammad Syafiq Bin Mohamed Farid	Higher NITEC in Electrical Engineering (Year 1)	ITE College West
3	Ms Zaphia Arisha Binte Solomon Dona Jr	Higher NITEC in Electrical Engineering (Year 1)	ITE College West
4	Ms Low Heng Wai	Electrical and Electronics Engineering (Year 3)	Nanyang Technological University
5	Mr Soh Jin Rong Ryan	Diploma in Electrical Engineering (Year 2)	Ngee Ann Polytechnic
6	Mr Jing Xiaochen	Bachelor of Engineering (Electrical Power Engineering) (Year 1)	Singapore Institute of Technology
7	Mr Tan Kee Yee	Bachelor of Engineering in Electrical Power Engineering (Year 1)	Singapore Institute of Technology
8	Ms Chua Jing Wen Rebecca	Diploma in Electrical & Electronic Engineering (Year 1)	Singapore Polytechnic
9	Mr Omer Bin Basil Ali Omer Uqba	Diploma in Mechanical Engineering (Year 3)	Singapore Polytechnic
10	Mr Palanivelu Vanitha Raveen	Diploma in Electrical & Electronic Engineering (Year 1)	Singapore Polytechnic
11	Mr Keene Ming	Diploma in Clean Energy (Year 2)	Temasek Polytechnic

**PAST ACTIVITIES AND PROJECTS UNDERTAKEN BY
THE FIRST BATCH OF ENERGY AMBASSADORS**

1. Youth@SIEW



Caption: Energy Ambassadors at Youth@SIEW 2019 exhibition showcase



Caption: Energy Ambassador Teo Chiaki explaining one of the exhibits to a visitor at the Youth@SIEW 2019 showcase.

2. Powering Lives Trail



Caption: Energy Ambassadors joined other students for the Powering Lives Trail to the Pulau Ubin micro-grid test-bed as part of the training conducted by EMA for the EAs.

3. Virtual Deep-Dive Sessions with Energy Ambassadors



Caption: Deep-dive sharing sessions with the Energy Ambassadors were conducted virtually on Zoom during the COVID-19 pandemic.

4. Projects



Caption: The Energy Ambassadors created an energy efficient virtual world using Minecraft: Education Edition.

What past Energy Ambassadors had to say about the EAP

“One word to describe the EAP is meaningful, as I learnt a lot from each journey. When we were creating our Minecraft Energy World, we had to visualise the various possibilities for Singapore’s energy sector, and how we all need to work together for an energy efficient future.”

- Mr Loo Zong Poh, who graduated from Higher Nitec in Electrical Engineering at ITE College West

“A wonderful experience in the energy world.”

- Mr Stephen Manickam S/O Alakesan, who graduated with a Diploma in Energy Systems and Management from Singapore Polytechnic

“Through the EAP, I was able to meet like-minded friends and fellow engineers. Together, we embarked on Powering Lives Trails and are now able to better appreciate the energy concepts that are taught in school. This (EAP) experience has sparked my interest and motivated me to learn more about the energy sector.”

- Ms Chan Mei Ting, who graduated with an Honours Degree in Electrical Power Engineering from Singapore Institute of Technology

“One word to sum up this whole experience: Purposeful. I had the opportunity to participate in the learning journey to Sembcorp Cogen @ Banyan Plant where I gained insights about the work of a power engineer such as how Gencos balance their output in real-time to meet demand.”

- Mr Tan Shu Bao, who graduated with a Diploma in Clean Energy Management from Ngee Ann Polytechnic

“I joined the EAP with little knowledge about the energy sector. Throughout my experience as an Energy Ambassador with EMA, I managed to gain a deeper insight into the energy sector.”

- Ms Chua Xing Zi, who studied at the School of Science and Technology

“Being a part of the EAP is a meaningful experience! I get to meet up regularly with my fellow Ambassadors and build strong friendships. As we have a common interest in energy and engineering, it’s refreshing whenever we discuss our views and ideas.”

- Mr Ching Kei Seng, who graduated with a Diploma in Energy Systems and Management from Singapore Polytechnic

“My most memorable experience of the EAP was at Youth@SIEW. I was able to talk to industry experts and like-minded peers aspiring to work in the energy sector in the future.”

- Ms Teo Chiaki, who graduated with an Honours Degree in Electrical Power Engineering from Singapore Institute of Technology

“The EAP has greatly enhanced my understanding of the energy sector. Through the face-to-face and virtual Zoom sharing sessions, I have gained clearer insights on how low-carbon alternatives like hydrogen are being studied in Singapore and have a better understanding of the current open electricity market.”

- Ms Teo Li Shi, who graduated with a Diploma in Electrical Engineering from Ngee Ann Polytechnic