

PHILIPPINE ENERGY TRANSITION DEEP DIVES

Enabling an Increased Share of Renewable Energy in the Philippines' Electricity Mix

Date: 14, 21, 28 September 2022

Time: 13:00 - 15:00 (Manila time)

Venue: Virtual

BACKGROUND

In 2008 the Philippines passed the Renewable Energy Act (RA 9513), followed by the National Renewable Energy Program (NREP) in 2009. These policy instruments were designed to promote the development, utilisation and commercialization of renewable energy resources. However, between 2008 and 2019, the share of Renewable Energy (RE) in the power mix actually dropped from 34% to 21%. The dwindling RE penetration was mainly due to the significant addition of coal power plant capacity which increased from 34% in 2010 to 55% in 2019.

In 2022 the Department of Energy (DoE) released the NREP for 2020 – 2040 which establishes a target of at least 35% RE share of power generation by 2030 and 50% by 2040. A notable feature of the new program is that it adopts a whole-of-nation approach to achieve the RE goals. The DOE has enjoined other government agencies, including Local Government Units (LGUs), to come up with their own appropriate RE programs and to facilitate RE project development.

Meeting, or exceeding, this target remains an open challenge for the Philippine power sector. In these Policy Deep dives, participants will look at the strategies employed to increase the RE share in the electricity mix with a focus on those that can be influenced by effective local energy planning. This includes, but not limited to net-metering, off-grid electrification, and Renewable Portfolio Standards (RPS).

The goal is for the participants to come up with recommendations that chart a practical pathway towards attaining the aspired transition to clean energy.



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AGENDA

Sep 14, 2022

Moderator: Tarek Ketelsen, AMPERES

TIME	ITEMS	PRESENTERS / FACILITATORS
PART 1 – OPENING		
13:00–13:05	Introduction	Prof Frank Jotzo, Australian National University
13:05–13:10	Welcome remarks	Mr John Cotton, Senior Program Manager, Energy Transition Partnership
13:10–13:15	Welcome remarks	Asst. Secretary Mylene C. Capongcol, Department of Energy
PART 2 – PLENARY PRESENTATION		
13:15–13:25	Description of the Deep Dives structure	Mr Tarek Ketelsen, AMPERES
13:25–13:40	Overview of the Philippines' RE development & challenges	Dr Lloyd Bautista, Ateneo School of Government
13:40–13:50	Issues and challenges of increasing the RE share in the electricity mix	Director Marissa P. Cerezo, Department of Energy – Renewable Energy Management Bureau (DOE REMB)
13:50–14:00	Australian experience in decarbonising the electricity sector: key challenges	Dr Tom Longden, Australian National University
14:00–14:10	Regional perspective on the issue	Mr Alberto Dalusung III, Institute for Climate and Sustainable Cities
PART 3 – BREAKOUT GROUP DISCUSSION		
14:10–14:30	Breakout discussions	Facilitators
PART 4 – PLENARY FEEDBACK		
14:30–14:50	Group presentations and feedbacks	Group Rapporteur Moderator
14:50–14:55	Facilitated plenary discussion	Moderator
14:55–15:00	Closing remarks	Dr Thang Do, Australian National University

AGENDA

Sep 21, 2022

Moderator: Michael Abundo, OceanPixel Pte Ltd.

TIME	ITEMS	PRESENTERS/ FACILITATORS
PART 1 – OPENING		
13:00-13:05	Introduction	Ateneo School of Government University of San Carlos
13:05-13:10	Recap from previous session	Engr. Isabelo Rabuya, University of San Carlos
PART 2 – PLENARY PRESENTATION		
13:10-13:20	RE Penetration policy options	Dr Tom Longden, Australian National University
13:20-13:30	Regional best practice (tbc)	Mr Alberto Dalusung III, Institute for Climate and Sustainable Cities
13:30-13:40	Options toward higher RE penetration such net-metering, Renewable Portfolio Standards, Green Energy Option, and the Role of Local Government Units	Engr. Gaspar G. Escobar, Jr., Department of Energy – National Renewable Energy Board (NREB) Technical Services and Management Division
13:40-13:50	Increasing distributed renewable energy: The case of ROMELCO	GM Rene Fajilagutan, Romblon Electric Cooperative (ROMELCO)
PART 3 – BREAKOUT GROUP DISCUSSION		
13:50-14:20	Breakout discussions	Facilitators
PART 4 – PLENARY FEEDBACK		
14:20-14:45	Group presentations and feedbacks	Group Rapporteur Moderator
14:45-14:55	Facilitated plenary discussion	Moderator
14:55-15:00	Closing Remarks	Dr Thang Do, Australian National University

AGENDA

Sep 28, 2022

Moderator: Michael Abundo, OceanPixel Pte Ltd.

TIME	ITEMS	PRESENTERS/ FACILITATORS
PART 1 – OPENING PLENARY		
13:00–13:05	Introduction	Dr Thang Do, Australian National University
13:05–13:10	Recap from previous session	Engr. Isabelo Rabuya, University of San Carlos
PART 2 – PRIORITY SETTING		
13:10–13:20	Presentation on priority setting criteria & approach	Tarek Ketelsen, AMPERES
PART 3 – BREAKOUT GROUPS DISCUSSION		
13:20–14:00	Breakout discussions	Facilitators
PART 4 – PLENARY FEEDBACK		
14:00–14:30	Group reports/feedbacks	Group Rapporteur/Moderator
14:30–14:50	Panel discussion	Panellists: - Mr. Ricardo Torres, Jr., Development for Renewable Energy Applications Mainstreaming and Market Sustainability (DREAMS) Project - Dr. Tom Longden, ANU - Ms Maria Fritzie Reyes Vergel, ETP Philippines Country Coordinator - Engr. Isak Jonathan Villanueva, Renewable Energy Development Division, National Electrification Administration
14:50–14:55	Conclusion	Dr Lloyd Bautista, Ateneo School of Government
14:50–15:00	Closing remarks	Ms Maria Fritzie Reyes Vergel, ETP Philippines Country Coordinator

CONTACT:

Mr Arben Vallente (USC) - asvallente@usc.edu.ph

Ms Tien Le (AMPERES) - tienlth@amperes.com.au