

# The Potential Role of Carbon Pricing in Thailand's Power Sector

## Report Launch

**Friday 30 April 2021, 15:00 – 16:30 Bangkok time / 10:00 – 11:30 CET**

English and Thai, simultaneous interpretation  
This event will be recorded

## Context

Thailand is committed to playing its part in the international efforts aimed at addressing climate issues. As it is for most countries, the power sector in Thailand is among the largest emitters, accounting for 38% of energy-related CO<sub>2</sub> emissions. Hence, reducing the emissions from this sector is fundamental in reducing the country's total emissions. This report explores the potential role of carbon pricing in driving emissions reduction in power generation and supporting a clean energy transition in the country. Building on the understanding of the current power market structure and future development plans, this report leverages on the results from in-depth 2030 power production cost modelling to assess the potential impacts of carbon pricing on power generation dispatch and investment, and the resulting implications on emissions and costs. The recommendations arising from the assessment suggest that carbon pricing can play an active role in reducing the emissions from Thailand's power sector, with measures to mitigate the potential costs and distributional impacts.

## Objective

This report launch event is intended to share the key findings and recommendations of the IEA report in co-operation with TGO. The report explores how carbon pricing could potentially spur emissions reductions from electricity generation and support power sector transformation in Thailand. It builds on understanding of Thailand's power sector developments and policy trends and relies on in-depth modelling of Thailand's power system in 2019 and 2030. This study also highlights some of the potential challenges of implementing carbon pricing in the power sector and relevant policy insights for Thailand to cost effectively achieve clean energy transition and support its long-term climate ambition.

## Agenda

<b>Chair:</b>	<b>MOARIF Sara</b> , Unit Head, Environment and Climate Change, IEA
<b>15:00 /10:00 CET</b>	<b>Welcome and Opening Remarks</b> <ul style="list-style-type: none"> <li>• <b>Kiatchai MAITRIWONG</b>, Executive Director, TGO</li> <li>• <b>Tom HOWES</b>, Head of Energy and Environment Division, IEA</li> </ul>
<b>15:20 /10:20 CET</b>	<b>The Potential Role of Carbon Pricing in Thailand's Power Sector</b> Key findings and recommendations <ul style="list-style-type: none"> <li>• <b>Cyрил CASSISA</b>, Analyst, Environment &amp; Climate Change Unit, IEA</li> </ul>
<b>15:40 /10:40 CET</b>	<b>Moderated Panel Discussion</b> <u>Moderator:</u> <b>Beni SURYADI</b> , Manager, ASEAN Centre for Energy <ul style="list-style-type: none"> <li>• <b>Saharath BOONPOTIPAKDEE</b>, Member Board of Directors, TGO</li> <li>• <b>Muanjit CHAMSILPA</b>, Technical expert, TGO</li> <li>• <b>Peerapat VITHAYASRICHAREON</b>, Analyst, Renewable Integration and Secure Electricity Unit, IEA</li> <li>• <b>Wongkot WONGSAPAI</b>, Assistant Professor, Chiang Mai University</li> </ul>
<b>16:10 /11:10 CET</b>	<b>Q&amp;A session</b>
<b>16:25 /11:25 CET</b>	<b>Wrap up and closing remarks</b> <ul style="list-style-type: none"> <li>• <b>Kiatchai MAITRIWONG</b>, Executive Director, TGO</li> <li>• <b>Tom HOWES</b>, Head of Energy and Environment Division, IEA</li> </ul>
<b>16:30 /11:30 CET</b>	End of the webinar



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