The Macroeconomic Impact of Coal-Fired Power Plants

edited by

Ichiro Kutani

Venkatachalam Anbumozhi

September 2015



© Economic Research Institute for ASEAN and East Asia, 2015 ERIA Research Project FY2014 No. 43

Published September 2015

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form by any means electronic or mechanical without prior written notice to and permission from ERIA.

The economic analysis in this study is based on certain conditions that include fuel prices for power generation and capital costs of power stations. Some country data are not consistent across their sources. For instance, the forecast gross domestic products (GDPs) of India and Indonesia were derived from the study of the Economic Research Institute for ASEAN and East Asia (ERIA), while the forecast GDP for South Africa was derived from the study of the Institute of Economic Energy, Japan (IEEJ). Therefore, the results of this study, as calculated, should be dealt with carefully; if more comprehensive and detailed data become available, further investigation is recommended to enhance their credibility. The results are not meant to pre-empt international discussions for making rules.

The findings, interpretations, and conclusions expressed herein do not necessarily reflect the views and policies of the Economic Research Institute for ASEAN and East Asia, its Governing Board, Academic Advisory Council, or the Institutions and governments they represent.