

Chapter 1

Introduction

Cambodia's national energy statistics was prepared in 2018 with the support of the Economic Research Institute for ASEAN and East Asia (ERIA) to the Ministry of Mines and Energy (MME) Cambodia. It analysed historical energy data and forecasted Cambodia's energy demand and supply situation. Previous energy statistical analysis only covered 9 years, from 2010 to 2018. However, this coverage is too short to analyse the historical and future energy demand–supply situation. Therefore, ERIA continuously supported the MME to extend the energy data coverage from 2010–2018 to 2000–2019.

Firstly, ERIA, in collaboration with the MME, checked the availability of primary energy data for 2000–2009, which included coal, petroleum, electricity, and biomass. However, some data were missing. Thus, the missing data were estimated by applying the relationship between energy demand and economic activities. In addition, primary energy data in 2019 were collected. After the estimation, a complete data set of primary energy data for 2000–2019 was finalised. (Please refer to chapters 2 and 3.)

Based on the final primary energy data in 2000–2019, energy balance tables (EBTs) were produced using Excel VBA basis computer software. The EBTs were applied to analyse historical energy data and forecast Cambodia's energy demand–supply situation. (Please refer to chapters 4 and 5.)

This report elaborated on how to extend Cambodia's energy statistics from 2010–2018 to 2000–2019 and the extension of data coverage from 9 to 20 years.