# List of Figures

## Chapter 1

<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 1-1</td>
<td>Assumed Population in the EAS Region, 2012 and 2035</td>
<td>9</td>
</tr>
<tr>
<td>Figure 1-2</td>
<td>Assumed Average Annual Growth in Population, 2012 to 2035</td>
<td>10</td>
</tr>
<tr>
<td>Figure 1-3</td>
<td>Assumed Economic Activity in the EAS Region, 2012 and 2035</td>
<td>11</td>
</tr>
<tr>
<td>Figure 1-4</td>
<td>Assumed Average Annual Growth in GDP, 2012 to 2035</td>
<td>11</td>
</tr>
<tr>
<td>Figure 1-5</td>
<td>Real GDP per Capita, 2012 and 2035</td>
<td>12</td>
</tr>
<tr>
<td>Figure 1-6</td>
<td>Thermal Efficiencies of Gas Electricity Generation</td>
<td>13</td>
</tr>
<tr>
<td>Figure 1-7</td>
<td>Thermal Efficiencies of Coal Electricity Generation</td>
<td>14</td>
</tr>
<tr>
<td>Figure 1-8</td>
<td>Share of Fuel Type in the Electricity Generation Mix in the EAS Region</td>
<td>14</td>
</tr>
<tr>
<td>Figure 1-9</td>
<td>Nominal Oil Price Assumptions to 2035</td>
<td>17</td>
</tr>
<tr>
<td>Figure 1-10</td>
<td>Final Energy Demand by Sector (1990 to 2035)</td>
<td>20</td>
</tr>
<tr>
<td>Figure 1-11</td>
<td>Final Energy Demand Share by Sector (1990 to 2035)</td>
<td>20</td>
</tr>
<tr>
<td>Figure 1-12</td>
<td>Final Energy Demand by Energy (1990 to 2035)</td>
<td>21</td>
</tr>
<tr>
<td>Figure 1-13</td>
<td>Final Energy Demand Share by Energy (1990 to 2035)</td>
<td>22</td>
</tr>
<tr>
<td>Figure 1-14</td>
<td>Primary Energy Demand in EAS (1990 to 2035)</td>
<td>23</td>
</tr>
<tr>
<td>Figure 1-15</td>
<td>Primary Energy Mix in EAS (1990 to 2035)</td>
<td>24</td>
</tr>
<tr>
<td>Figure 1-16</td>
<td>Power Generation in EAS (1990 to 2035)</td>
<td>24</td>
</tr>
<tr>
<td>Figure 1-17</td>
<td>Power Generation Mix in EAS (1990 to 2035)</td>
<td>25</td>
</tr>
<tr>
<td>Figure 1-18</td>
<td>Thermal Efficiency by Fuel, BAU (1990 to 2035)</td>
<td>26</td>
</tr>
<tr>
<td>Figure 1-19</td>
<td>Energy Intensity and Per Capita Energy Demand in EAS</td>
<td>27</td>
</tr>
<tr>
<td>Figure 1-20</td>
<td>Total Primary Energy Supply in EAS in 2035 (All Scenarios)</td>
<td>27</td>
</tr>
<tr>
<td>Figure 1-21</td>
<td>Electricity Generation in 2035 in EAS in all Scenarios</td>
<td>29</td>
</tr>
<tr>
<td>Figure 1-22</td>
<td>Total EAS CO₂ Emissions in 2035 in all Scenarios</td>
<td>29</td>
</tr>
</tbody>
</table>
Figure 1-23 Total Final Energy Demand, BAU and APS
Figure 1-24 Final Energy Demand by Sector, BAU and APS
Figure 1-25 Final Energy Demand by Fuel, BAU and APS
Figure 1-26 Total Final Energy Demand by Country, BAU and APS
Figure 1-27 Total Primary Energy Demand, BAU and APS
Figure 1-28 Primary Energy Demand by Source, BAU and APS
Figure 1-29 Primary Energy Demand by Country, BAU and APS
Figure 1-30 Total CO\textsubscript{2} Emissions, BAU and APS
Figure 1-31 CO\textsubscript{2} Emissions by Country, BAU and APS
Figure 1-32 Emissions per Unit of Primary Energy, BAU and APS
Figure 1-33 Primary Energy Demand per Unit of GDP, BAU and APS
Figure 1-34 Pilot Survey on Road Transport Questionnaire

Chapter 2
Figure 2-1 Australian Energy Intensity
Figure 2-2 Energy Australian Consumption, by Fuel Type
Figure 2-3 Australian Energy Production, by Fuel Type
Figure 2-4 Australian Electricity Generation, by Fuel Type
Figure 2-5 Australian Energy Exports, by Fuel Type

Chapter 3
Figure 3-1 Final Energy Consumption by Sector, BAU and APS
Figure 3-2 Primary Energy Supply by Source, BAU and APS
Figure 3-3 Reduction of Primary Energy Consumption, BAU and APS
Figure 3-4 CO\textsubscript{2} Emission from Energy Consumption, BAU and APS

Chapter 4
Figure 4-1 Total Primary Energy Supply in BAU
Figure 4-2 Total Final Energy Consumption by Sector in BAU
Figure 4-3 Final Energy Consumption by Fuel in BAU
Figure 4-4 Electricity Supply in Cambodia, 1995 to 2035 in BAU
Figure 4-5  CO₂ Emissions from Energy Combustion in Cambodia, BAU
Figure 4-6  Energy and CO₂ Indicators
Figure 4-7  Final Energy Consumption by Sector in BAU and APS
Figure 4-8  Total Primary Energy Demand by Fuel in BAU and APS
Figure 4-9  Total Primary Energy Saving Potential by Fuel, BAU vs. APS
Figure 4-10 Co₂ Emission by Fuel, BAU and APS

Chapter 5
Figure 5-1  Impacts of Scenario Assumptions on TPEC in 2035
Figure 5-2  Electricity Generation in 2035 in All Scenarios
Figure 5-3  CO₂ Emissions in 2035 in All Scenarios
Figure 5-4  Final Energy Consumption by Sector in BAU
Figure 5-5  Final Energy Consumption by Fuel in BAU
Figure 5-6  Final Energy Consumption: BAU and APS
Figure 5-7  Primary Energy Consumption by Energy, BAU
Figure 5-8  Primary Energy Demand by Source, BAU and APS
Figure 5-9  Total Primary Energy Demand, BAU and APS
Figure 5-10 CO₂ Emission from Energy Consumption, BAU and APS
Figure 5-11 Power Generation in BAU
Figure 5-12 Thermal Efficiency by Fuel in BAU
Figure 5-13 Energy Indicators, BAU

Chapter 6
Figure 6-1  Final Energy Demand by Sector
Figure 6-2  Final Energy Demand by Source
Figure 6-3  Primary Energy Demand by Source
Figure 6-4  Power Generation, BAU
Figure 6-5  Final Energy Demand by Sector, BAU and APS
Figure 6-6  Net Primary Energy Supply, BAU and APS
Figure 6-7  Primary Energy Demand by Source, BAU and APS
Chapter 7

Figure 7-1  Final Energy Demand by Sector  
Figure 7-2  Final Energy Demand by Fuel, BAU  
Figure 7-3  Primary Energy Consumption, BAU  
Figure 7-4  Power Generation by Type of Fuel  
Figure 7-5  Thermal Efficiency, BAU  
Figure 7-6  Energy Intensity and Other Energy Indicators (1990=100)  
Figure 7-7  Total Primary Energy Supply, All Scenarios, 2035  
Figure 7-8  Electricity Generation, All Scenarios, 2035  
Figure 7-9  CO₂ Emission, All Scenarios, 2035  
Figure 7-10  Final Energy Demand by Sector, BAU and APS  
Figure 7-11  Primary Energy Demand by Source, BAU and APS  
Figure 7-12  Total Primary Energy Demand, BAU and APS  
Figure 7-13  Energy Intensity, BAU and APS  
Figure 7-14  CO₂ Emissions from Energy Combustion, BAU and APS

Chapter 8

Figure 8-1  Growth Rate of GDP and Population  
Figure 8-2  Power Generation, BAU  
Figure 8-3  Thermal Efficiency, BAU  
Figure 8-4  Final Energy Demand by Sector, BAU  
Figure 8-5  Final Energy Demand by Source, BAU  
Figure 8-6  Net Primary Energy Supply, BAU  
Figure 8-7  Indices of Energy and CO₂ Intensities, Energy per Capita, and Carbonisation Rate, BAU  
Figure 8-8  Final Energy Demand by Sector, BAU and APS  
Figure 8-9  Net Primary Energy Consumption by Source, BAU and APS  
Figure 8-10  Primary Energy Demand, BAU and APS
Chapter 9
Figure 9-1 Final Energy Demand by Sector 146
Figure 9-2 Final Energy Demand by Energy Source 147
Figure 9-3 Final Energy Consumption by Sector, BAU and APS 147
Figure 9-4 Primary Energy Demand in South Korea 149
Figure 9-5 Total Primary Energy Demand to 2030, BAU and APS 150
Figure 9-6 CO₂ Emission from Energy Consumption, BAU and APS 151

Chapter 10
Figure 10-1 Final Energy Consumption by Sector, BAU vs. APS 156
Figure 10-2 Total Primary Energy Consumption, BAU vs. APS 157
Figure 10-3 Evolution of Total Primary Energy Consumption, BAU vs. APS 158
Figure 10-4 CO₂ Emission from Energy Combustion, BAU vs. APS 159

Chapter 11
Figure 11-1 Population Growth Assumption to 2035 163
Figure 11-2 Primary Energy Consumption by Fuel, BAU 168
Figure 11-3 Share of Primary Energy Consumption by Fuel, BAU 168
Figure 11-4 Final Energy Demand by Fuel, BAU 169
Figure 11-5 Share of Final Energy Demand by Fuel, BAU 170
Figure 11-6 Final Energy Demand by Sector, BAU 170
Figure 11-7 Share of Final Energy Demand by Sector, BAU 171
Figure 11-8 Power Generation by Fuel, BAU 172
Figure 11-9 Share of Power Generation by Fuel, BAU 172
Figure 11-10 Thermal Efficiency by Fuel, BAU 173
Figure 11-11 Energy Indicators, BAU 173
Figure 11-12 Final Energy Demand by Sector, BAU and APS 174
Figure 11-13 Primary Energy Consumption by Source, BAU and APS 175
Figure 14-2 Final Energy Consumption by Fuel, BAU 213
Figure 14-3 Primary Energy Consumption by Sector, BAU 214
Figure 14-4 Power Generation by Fuel, BAU 215
Figure 14-5 Thermal Efficiency by Fuel, BAU 216
Figure 14-6 Energy Intensity, Energy Per Capita, and Energy Elasticity 216
Figure 14-7 Primary Energy Supply for All Scenarios in 2035 217
Figure 14-8 Electricity Generation for All Scenarios in 2035 218
Figure 14-9 CO₂ Emission for All Scenarios in 2035 218
Figure 14-10 Final Energy Demand by Sector, BAU and APS 219
Figure 14-11 Total Primary Energy Supply by Fuel, BAU and APS 220
Figure 14-12 CO₂ Savings Potential, BAU and APS 220

Chapter 15
Figure 15-1 Final Energy Demand by Sector, BAU 230
Figure 15-2 Final Energy Demand by Fuel, BAU 230
Figure 15-3 Total Primary Energy Consumption, BAU 232
Figure 15-4 Electricity Generation, BAU 233
Figure 15-5 Energy Indicators, BAU 234
Figure 15-6 Total Final Energy Demand by Sector, BAU and APS 234
Figure 15-7 Total Primary Energy Consumption by Fuel, BAU and APS 235
Figure 15-8 Total Primary Energy Consumption by Fuel, BAU and APS 235
Figure 15-9 Electricity Generation 236
Figure 15-10 CO₂ Emissions from Energy Consumption, BAU and APS 237

Chapter 16
Figure 16-1 Final Energy Demand by Fuel, BAU 241
Figure 16-2 Final Energy Demand by Sector, BAU 241
Figure 16-3 Net Primary Energy Supply by Fuel, BAU 242
Figure 16-4 Power Generation by Fuel, BAU 243
Figure 16-5 Thermal Efficiency by Fuel, BAU 244
Figure 16-6 Energy Indicators 244
Figure 16-7 Final Energy Consumption by Sector, BAU and APS 245
Figure 16-8 Primary Energy Demand by Source, BAU and APS 246
Figure 16-9 Total Primary Energy Demand, BAU and APS 246
Figure 16-10 CO₂ Emissions from Energy Consumption, BAU and APS 247

Chapter 17
Figure 17-1 Final Energy Demand by Sector, BAU 252
Figure 17-2 Final Energy Demand by Fuel, BAU 253
Figure 17-3 Primary Energy Demand, BAU 254
Figure 17-4 Power Generation by Type of Fuel, BAU 254
Figure 17-5 Energy Indicators 256
Figure 17-6 Total Final Energy Consumption by Sector in BAU and APS 256
Figure 17-7 Total Final Energy Consumption, BAU vs. APS 257
Figure 17-8 Primary Energy Demand by Fuel in BAU and APS 257
Figure 17-9 Primary Energy Saving Potential by Fuel, BAU vs. APS 258
Figure 17-10 Evolution of Primary Energy Demand, BAU and APS 258
Figure 17-11 CO₂ Emissions by Fuel, BAU and APS 259
Figure 17-12 Evolution of CO₂ Emissions, BAU and APS 259