5.4 Revision of annual questionnaires and energy balance table

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Asia Pacific Energy Research Centre
✓ Revision of data collecting templates
✓ Revision of the format of energy balances
**Industrial waste**: broken down to renewable and non-renewable

<table>
<thead>
<tr>
<th>APEC-ASEAN joint form: Supply (Table 1)</th>
<th>Other primary solid biomass</th>
<th>Biogas</th>
<th>Industrial waste</th>
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<tr>
<td></td>
<td>Total</td>
<td>Landfill gas</td>
<td>Sewage sludge gas</td>
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<td>Production¹</td>
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<tr>
<td>Exports</td>
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<td>Stock change (opening-closing)</td>
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<td>Gross inland deliveries (calculated)</td>
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<td>Gross inland deliveries (observed)</td>
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**TOTAL STOCKS on NATIONAL TERRITORY**

- Total stocks on national territory - opening: 8
- Total stocks on national territory - closing: 9

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¹ Production includes consumption, imports, exports, and stock change.
District cooling plants

- New items in transformation for coal, oil, gas, new and renewable
- Same way as heat
- Two types of producers: Main activity producers and Autoproducers
District cooling plants

- Production table in the electricity and heat questionnaire
- Same as heat production table

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<th>Chilled water production (Table 1c)</th>
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<th>Tide, wave, ocean</th>
<th>Wind</th>
<th>Biomass</th>
<th>Wastes³</th>
<th>Biogas²</th>
<th>Others³</th>
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Energy balance

A new format of energy balances was introduced last year

1. A new column to show the sum of all renewables
2. Non-energy use separated from final energy consumption (industry, transport, other sector)

• To monitor the APEC energy goals
  1. Increasing the use of Renewables
  2. Reducing final energy intensity (=total final energy consumption w/o non-energy use /GDP)
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</table>

**Energy Balance Table**

**Member:** Australia  
**Year:** 2014  
**Unit:** KTOE
Energy balance – New format

Total final consumption = 11. total final energy consumption + 15. non-energy use

The old format has been replaced with the new format in the database
Thank you for your kind attention

http://www.egeda.ewg.apec.org