

GRID SYSTEM OPERATION SUMMARY (SABAH)

| | FORECAST | ACTUAL | VARIANCE |
|--|-----------------|---------------|-----------------|
| Maximum Demand (14th MAY' 2012) | 770 MW | 772 MW | 0.26% |
| Maximum Energy (14th MAY' 2012) | 16.2 GWh | 14.8 GWh | -8.64% |
| Maximum Demand (record high 28/06/11) | 800 MW | 830 MW | 3.76% |

Prepared by:

Electricity Market Operations

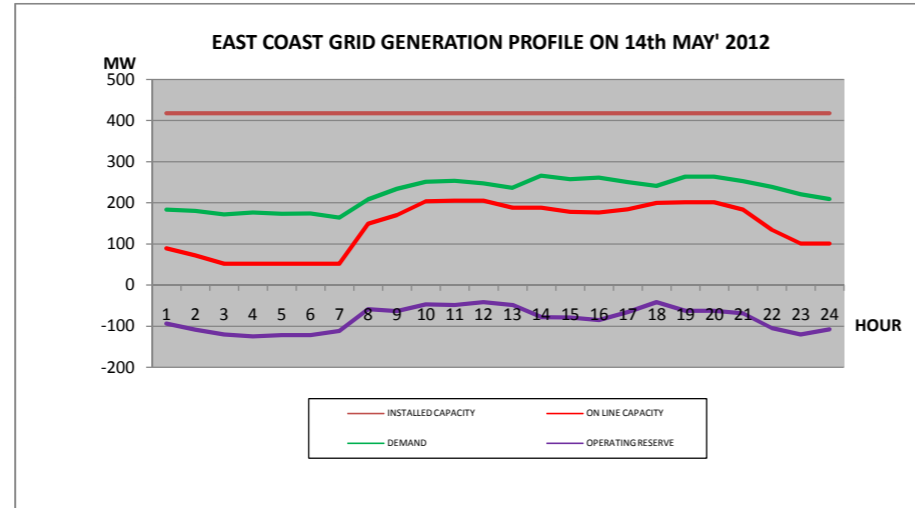
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

15-May-12

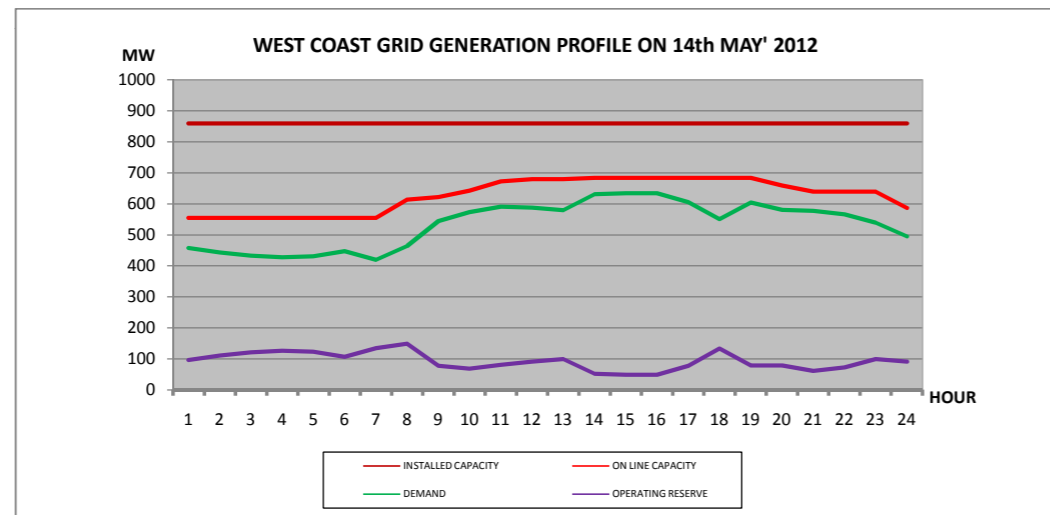
| EAST COAST GRID | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|---------|---------|---------|--------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|--------|
| INSTALLED CAPACITY | | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | 417.9 | | |
| ON LINE CAPACITY | | 89 | 72 | 52 | 52 | 52 | 52 | 149 | 170.3 | 203.4 | 204.9 | 204.9 | 187.9 | 187.9 | 177.9 | 176.3 | 184.3 | 199.1 | 201.3 | 201.3 | 183.3 | 134 | 101 | 101 | | |
| DEMAND | | 183.29 | 180.67 | 172.01 | 177.01 | 173.57 | 174.19 | 164.16 | 208.37 | 234.44 | 251.05 | 253.96 | 247.29 | 237 | 266.22 | 257.34 | 261.79 | 250.64 | 241.23 | 264.01 | 264.25 | 252.78 | 239.15 | 221.36 | 208.99 | |
| OPERATING RESERVE | | -94.29 | -108.67 | -120.01 | -125.01 | -121.57 | -122.19 | -112.16 | -59.37 | -64.14 | -47.65 | -49.06 | -42.39 | -49.1 | -78.32 | -79.44 | -85.49 | -66.34 | -42.13 | -62.71 | -62.95 | -69.48 | -105.15 | -120.36 | -107.99 | |
| East Cost | | 8690.8 | 7807.35 | 6076.98 | 6166.06 | 6376.58 | 6066.12 | 6409.74 | 15832 | 18237 | 23833 | 25072.3 | 24291.3 | 22142.5 | 22130 | 20491.9 | 19996.8 | 17934.1 | 21436.7 | 22816 | 24048.2 | 20845.7 | 15158.6 | 12120 | 11819.1 | 398441 |

EAST COAST GRID OPERATION



| WEST COAST GRID | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| INSTALLED CAPACITY | | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 | 858.5 |
| ON LINE CAPACITY | | 554 | 554 | 554 | 554 | 554 | 554 | 554 | 613 | 621.5 | 642 | 672 | 678.5 | 678.5 | 683 | 683 | 683 | 683 | 683 | 683 | 658.5 | 638.5 | 638.5 | 638.5 | 586 |
| DEMAND | | 457.4 | 443 | 433.2 | 427.9 | 430.6 | 447.6 | 419.8 | 464.2 | 543.9 | 573.1 | 590.4 | 587.3 | 578.7 | 630.7 | 633.5 | 633.6 | 604.8 | 549.9 | 603.6 | 579.7 | 576.8 | 565.7 | 539.2 | 494.8 |
| OPERATING RESERVE | | 96.6 | 111 | 120.8 | 126.1 | 123.4 | 106.4 | 134.2 | 148.8 | 77.6 | 68.9 | 81.6 | 91.2 | 99.8 | 52.3 | 49.5 | 49.4 | 78.2 | 133.1 | 79.4 | 78.8 | 61.7 | 72.8 | 99.3 | 91.2 |
| West Cost | | 33780 | 32700 | 32518 | 32110 | 31896 | 32920 | 31462 | 33832 | 39333 | 42220 | 44445 | 44711 | 44312 | 47774 | 47977 | 47902 | 46336 | 42888 | 46079 | 43060 | 42761 | 41923 | 40250 | 36775 |

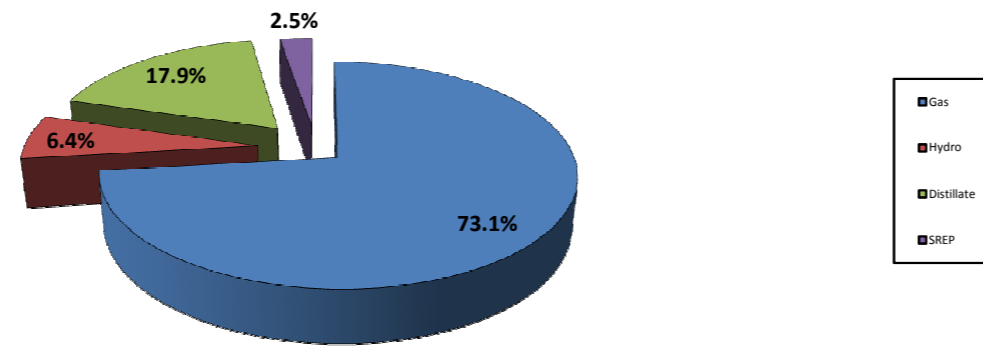
WEST COAST GRID OPERATION



Generation Mix Profile for 12th May 2012

| | |
|------------|------------|
| Gas | 11,236 MWh |
| Hydro | 981 MWh |
| Distillate | 2,753 MWh |
| SREP | 391 MWh |

Daily Generation Mix Profile for 14th May 2012



| | DISTILLATE | GAS | HYDRO | BIOMASS |
|--------------|---------------------|----------------------|-------------------|-------------------|
| SESB | 1,181.50 MWh | 1,481.90 MWh | 884.00 MWh | - MWh |
| IPP | 1,571.30 MWh | 9,753.60 MWh | 97.10 MWh | - MWh |
| SREP | - MWh | - MWh | - MWh | 391.00 MWh |
| TOTAL | 2,752.80 MWh | 11,235.50 MWh | 981.10 MWh | 391.00 MWh |

| | DISTILLATE | GAS | HYDRO | BIOMASS |
|----------------|-------------|-------------|-------------|-------------|
| SESB | 8% | 10% | 6% | 0% |
| IPP | 10% | 63% | 1% | 0% |
| SREP | 0% | 0% | 0% | 3% |
| TOTAL | 100% | 100% | 100% | 100% |
| TOTALLY | 15,360.40 | | | |

| | |
|--------------|------|
| DIST (IPP) | 10% |
| DIST (SESB) | 8% |
| SREP | 3% |
| GAS (SESB) | 10% |
| GAS (IPP) | 63% |
| HYDRO (SESB) | 6% |
| HYDRO (IPP) | 1% |
| total | 100% |

GENERATION MIX SESB-IPP-SREP 14th May' 2012

