

GRID SYSTEM OPERATION SUMMARY (SABAH)

| | FORECAST | ACTUAL | VARIANCE |
|--|-----------------|---------------|-----------------|
| Maximum Demand (13th MAY' 2012) | 685 MW | 678 MW | -1.02% |
| Maximum Energy (13th MAY' 2012) | 14.6 GWh | 13.2 GWh | -9.59% |
| Maximum Demand (record high 28/06/11) | 800 MW | 830 MW | 3.76% |

Prepared by:

Electricity Market Operations

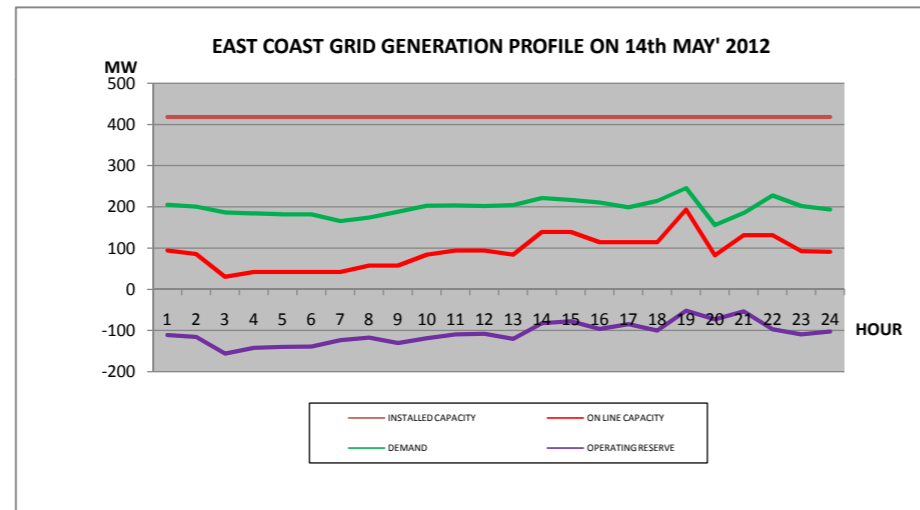
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

15-May-12

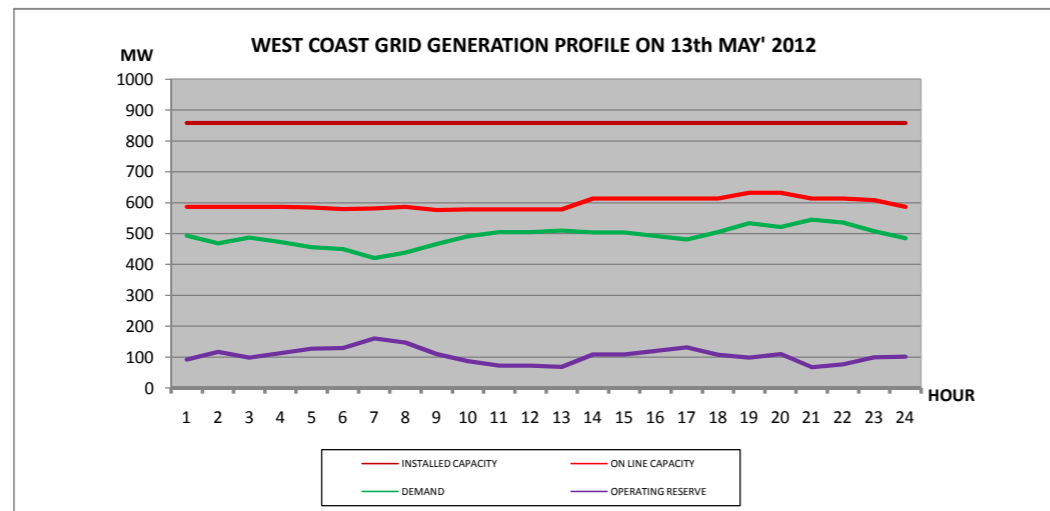
| EAST COAST GRID | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|---------|---------|---------|--------|
| 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 | | 94 | 85 | 30 | 42 | 42 | 42 | 42 | 57 | 57 | 84 | 94 | 94 | 84 | 139 | 139 | 114 | 114 | 114 | 193.3 | 82.3 | 131 | 131 | 92 | 91 | |
| DEMAND | | 205.07 | 200.35 | 185.99 | 184.03 | 181.4 | 181.3 | 165.01 | 173.9 | 187.53 | 202.75 | 203.65 | 202.02 | 204.3 | 221.35 | 216.58 | 210.12 | 198.48 | 214.31 | 245.3 | 155.2 | 184.6 | 227.8 | 201.8 | 193.23 | |
| OPERATING RESERVE | | -111.07 | -115.35 | -155.99 | -142.03 | -139.4 | -139.3 | -123.01 | -116.9 | -130.53 | -118.75 | -109.65 | -108.02 | -120.3 | -82.35 | -77.58 | -96.12 | -84.48 | -100.31 | -52 | -72.9 | -53.6 | -96.8 | -109.8 | -102.23 | |
| East Cost | | 10707.3 | 9921.52 | 3188.06 | 4387.85 | 4477.04 | 4354.34 | 4465.38 | 5086.41 | 5996.05 | 7647.19 | 9044.09 | 9013.4 | 8139.21 | 13040.8 | 13018.5 | 12019.7 | 11205.3 | 12372.7 | 20980.7 | 10121.2 | 13346 | 13028.4 | 9945.01 | 9127.45 | 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 | | 586 | 586 | 586 | 586 | 584 | 579.5 | 581.5 | 586 | 576 | 578 | 578 | 578 | 578 | 613 | 613 | 613 | 613 | 613 | 632 | 632 | 613 | 613 | 608 | 586 |
| DEMAND | | 493.5 | 469.1 | 487.7 | 473.2 | 456.2 | 450 | 421 | 438.7 | 466.3 | 491.3 | 505 | 505.6 | 510 | 504.1 | 504.4 | 493.1 | 481.7 | 504.9 | 534 | 521.7 | 545.6 | 536.2 | 508.5 | 484.9 |
| OPERATING RESERVE | | 92.5 | 116.9 | 98.3 | 112.8 | 127.8 | 129.5 | 160.5 | 147.3 | 109.7 | 86.7 | 73 | 72.4 | 68 | 108.9 | 108.6 | 119.9 | 131.3 | 108.1 | 98 | 110.3 | 67.4 | 76.8 | 99.5 | 101.1 |
| West Cost | | 37206 | 36196 | 36656 | 35810 | 34753 | 34458 | 33230 | 33966 | 33952 | 34891 | 35776 | 35821 | 36193 | 37121 | 37049 | 36739 | 35436 | 36588 | 39698 | 38583 | 38934 | 38507 | 36341 | 36269 |

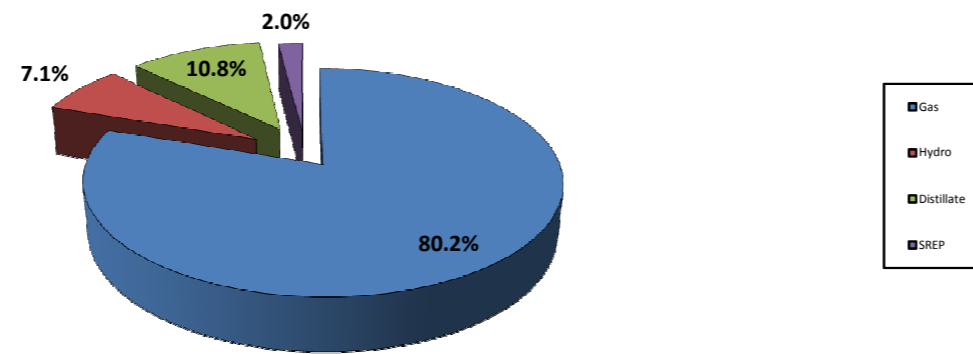
WEST COAST GRID OPERATION



Generation Mix Profile for 13th May 2012

| | |
|------------|------------|
| Gas | 10,794 MWh |
| Hydro | 950 MWh |
| Distillate | 1,447 MWh |
| SREP | 262 MWh |

Daily Generation Mix Profile for 13th May 2012



| | DISTILLATE | GAS | HYDRO | BIOMASS |
|--------------|---------------------|----------------------|-------------------|-------------------|
| SESB | 483.10 MWh | 1,702.60 MWh | 858.00 MWh | - MWh |
| IPP | 963.60 MWh | 9,091.40 MWh | 92.40 MWh | - MWh |
| SREP | - MWh | - MWh | - MWh | 262.40 MWh |
| TOTAL | 1,446.70 MWh | 10,794.00 MWh | 950.40 MWh | 262.40 MWh |

| | DISTILLATE | GAS | HYDRO | BIOMASS |
|----------------|-------------|-------------|-------------|-------------|
| SESB | 4% | 13% | 6% | 0% |
| IPP | 7% | 68% | 1% | 0% |
| SREP | 0% | 0% | 0% | 2% |
| TOTAL | 100% | 100% | 100% | 100% |
| TOTALLY | 13,453.50 | | | |

| | |
|--------------|------|
| DIST (IPP) | 7% |
| DIST (SESB) | 4% |
| SREP | 2% |
| GAS (SESB) | 13% |
| GAS (IPP) | 68% |
| HYDRO (SESB) | 6% |
| HYDRO (IPP) | 1% |
| total | 100% |

GENERATION MIX SESB-IPP-SREP 13th May' 2012

