

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (24th JULY' 2013)</b>	830 MW	837 MW	0.87%
<b>Maximum Energy (24th JULY' 2013)</b>	16.6 MW	16.4 GWh	-1.20%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

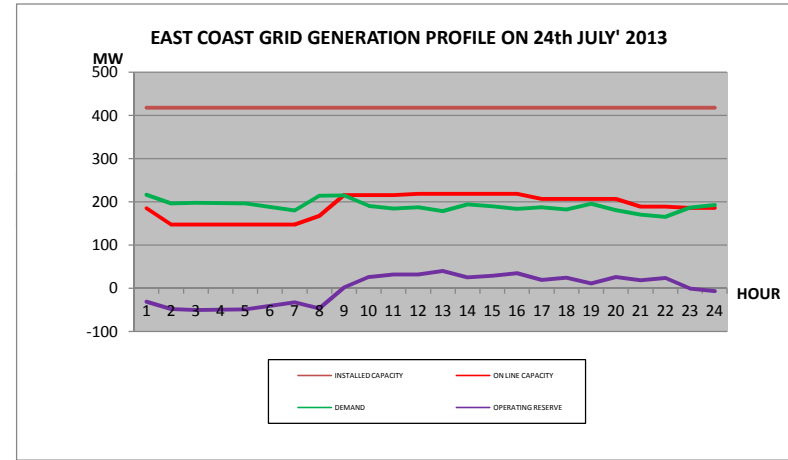
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

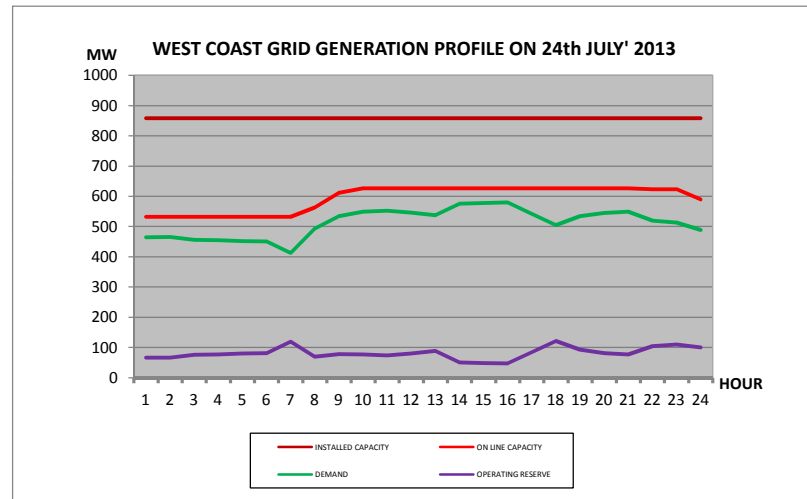
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		185	147	147	147	147	147	147	167	215.5	215.5	215.5	218.5	218.5	218.5	218.5	218.5	206.5	206.5	206.5	206.5	188.5	188.5	185.5	185.5
<b>DEMAND</b>		216.19	195.71	197.71	197.11	196.31	188.03	179.66	213.85	214.51	189.93	183.92	187.15	178.46	193.88	189.64	183.62	187.35	182.13	195.4	180.59	170.29	165.06	186.55	192.66
<b>OPERATING RESERVE</b>		-31.19	-48.71	-50.71	-50.11	-49.31	-41.03	-32.66	-46.85	0.99	25.57	31.58	31.35	40.04	24.62	28.86	34.88	19.15	24.37	11.1	25.91	18.21	23.44	-1.05	-7.16

EAST COAST GRID OPERATION



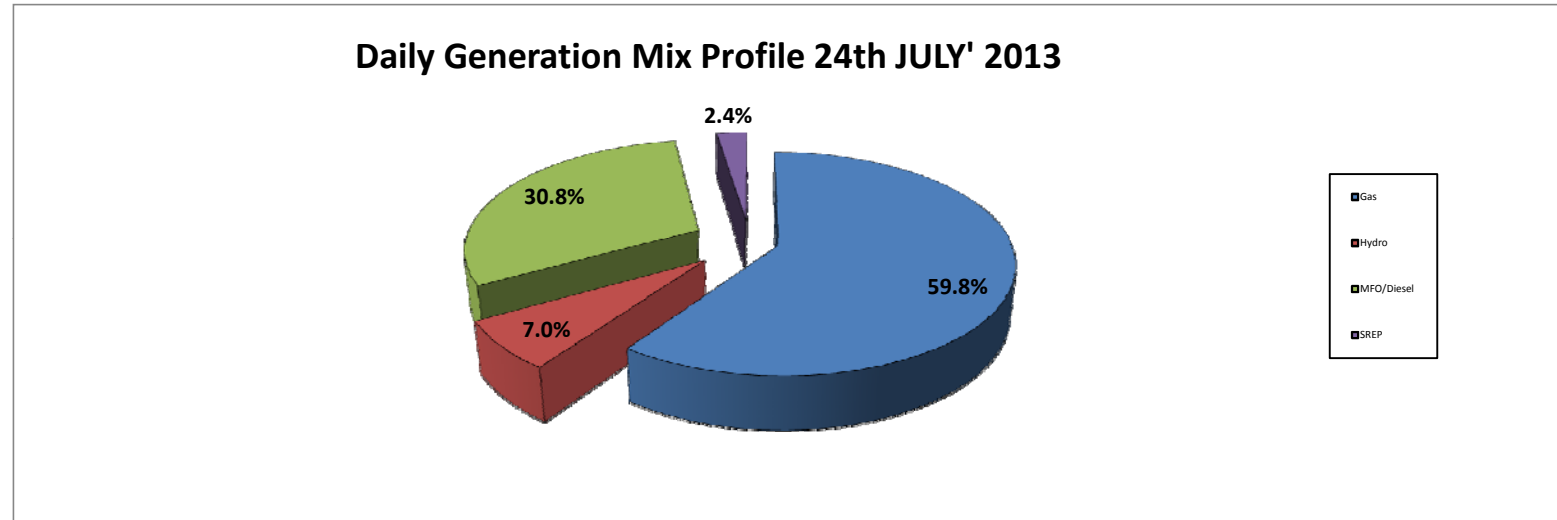
<b>WEST COAST GRID</b>																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>INSTALLED CAPACITY</b>		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
<b>ON LINE CAPACITY</b>		532	532	532	532	532	532	532	562.5	612.1	626.6	626.6	626.6	626.6	626.6	626.6	626.6	626.6	626.6	626.6	626.6	626	623.5	623.5	589.5
<b>DEMAND</b>		465	465.1	456.2	454.5	451.9	451	413	493.3	534.35	549.65	552.85	546.15	537.65	575.85	577.65	579.35	541.95	504.75	533.85	545.15	548.9	519.1	513.5	488.8
<b>OPERATING RESERVE</b>		67	66.9	75.8	77.5	80.1	81	119	69.2	77.75	76.95	73.75	80.45	88.95	50.75	48.95	47.25	84.65	121.85	92.75	81.45	77.1	104.4	110	100.7

WEST COAST GRID OPERATION



**Generation Mix Profile for 24th JULY 2013**

Gas	9,820 MWh
Hydro	1,156 MWh
MFO/Diesel	5,052 MWh
SREP	399 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	2,386.45 MWh	2,126.84 MWh	1,103.20 MWh	- MWh
IPP	2,665.86 MWh	7,693.46 MWh	53.08 MWh	- MWh
SREP	- MWh	- MWh	MWh	398.80 MWh
<b>TOTAL</b>	<b>5,052.31 MWh</b>	<b>9,820.30 MWh</b>	<b>1,156.28 MWh</b>	<b>398.80 MWh</b>

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	15%	13%	7%	0%
IPP	16%	47%	0%	0%
SREP	0%	0%	0%	2%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,427.68			

DIST (IPP)	16%
DIST (SESB)	15%
SREP	2%
GAS (SESB)	13%
GAS (IPP)	47%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

