

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (23rd JULY' 2012)</b>	780 MW	803 MW	2.92%
<b>Maximum Energy (23rd JULY' 2012)</b>	15.6 GWh	15.5 GWh	-0.64%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

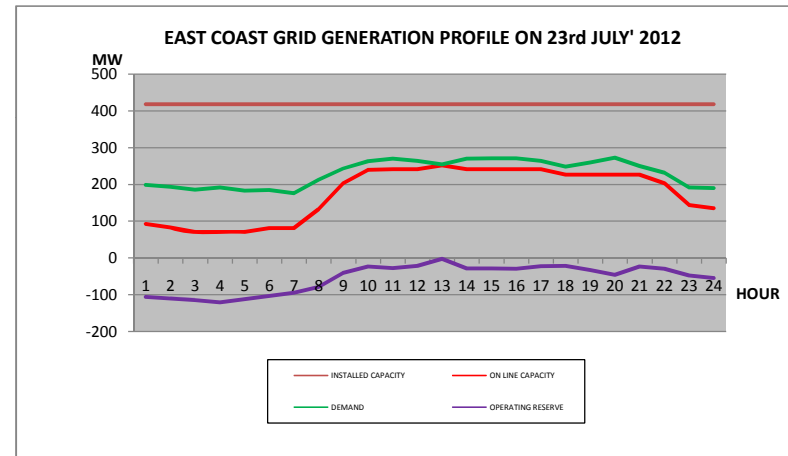
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

26-Jul-12

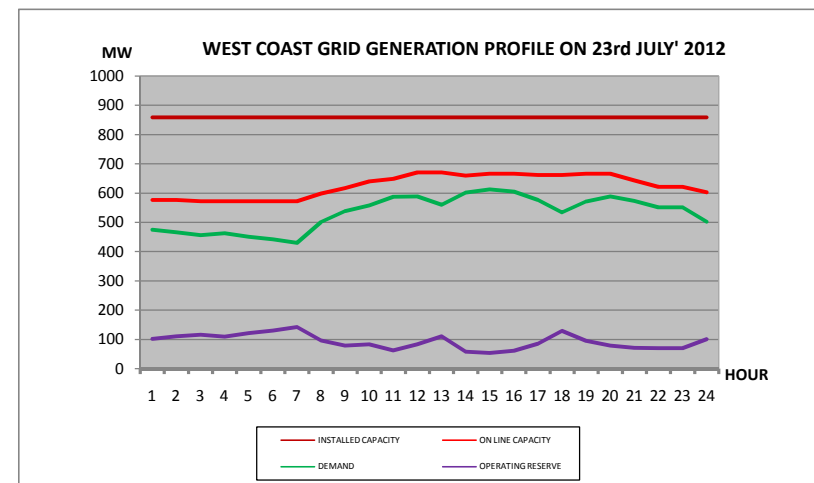
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		93	83	71	71	71	81	81	133	202.4	239.2	241.4	241.4	251.4	241.4	241.4	241.4	226.4	226.4	226.4	226.4	202.4	144	135		
<b>DEMAND</b>		198.73	193.07	185.93	191.83	183.15	184.68	176.03	212.41	242.87	262.59	269.57	263.37	253.99	269.74	270.29	270.59	263.74	247.99	259.52	272.38	250.11	231.71	191.96	189.76	
<b>OPERATING RESERVE</b>		-105.73	-110.07	-114.93	-120.83	-112.15	-103.68	-95.03	-79.41	-40.47	-23.39	-28.17	-21.97	-2.59	-28.34	-28.89	-29.19	-22.34	-21.59	-33.12	-45.98	-23.71	-29.31	-47.96	-54.76	
East Cost		9757.43	8426.97	7138.34	7166.48	7155.62	9079.33	8886.32	13026.2	22528.2	28679.5	28680.1	27331.7	27641.2	28594	27929.1	28140.5	25397.2	24816.9	26556.2	26463.1	26114.2	23856.3	16762.3	16364.2	398441

EAST COAST GRID OPERATION



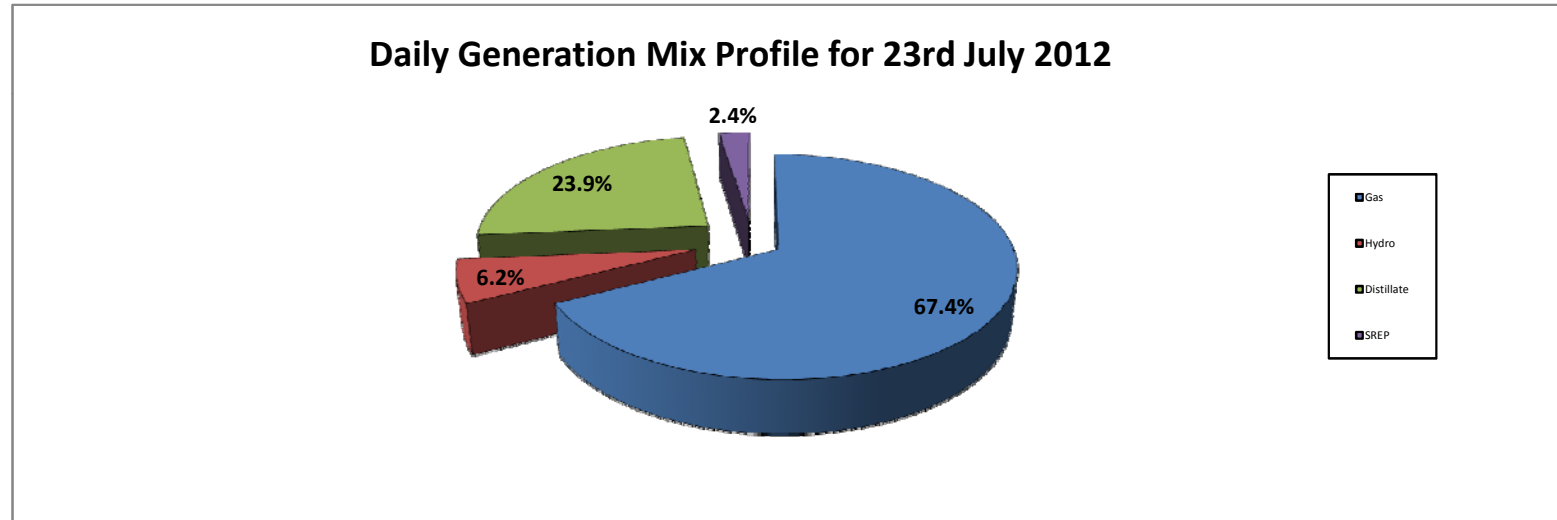
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>INSTALLED CAPACITY</b>		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
<b>ON LINE CAPACITY</b>		576	576	571.5	571.5	571.5	571.5	571.5	597.5	616.5	640.2	648.7	670.7	670.7	659.7	666.2	666.2	662	662	666.5	666.5	643.5	621.5	621.5	602.5
<b>DEMAND</b>		474.5	465.4	456.2	462.9	450.4	441.3	429.6	501.4	538.3	557.55	587.15	588.25	560.25	601.75	612.85	604.95	576.9	533.7	571.6	588.5	573.1	551.8	551.5	502.2
<b>OPERATING RESERVE</b>		101.5	110.6	115.3	108.6	121.1	130.2	141.9	96.1	78.2	82.65	61.55	82.45	110.45	57.95	53.35	61.25	85.1	128.3	94.9	78	70.4	69.7	70	100.3
West Cost		35631	34756	34756	35290	34451	33711	32626	38455	42552	47119	49803	48116	46188	48742	50015	49492	46498	42645	46449	47551	45540	43563	43135	38402

WEST COAST GRID OPERATION



**Generation Mix Profile for 23rd July 2012**

Gas	10,825 MWh
Hydro	992 MWh
Distillate	3,843 MWh
SREP	390 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,828.05 MWh	1,764.80 MWh	948.00 MWh	- MWh
IPP	2,015.28 MWh	9,059.90 MWh	43.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	389.50 MWh
<b>TOTAL</b>	<b>3,843.33 MWh</b>	<b>10,824.70 MWh</b>	<b>991.80 MWh</b>	<b>389.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	6%	0%
IPP	13%	56%	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>	16,049.33			

DIST (IPP)	13%
DIST (SESB)	11%
SREP	2%
GAS (SESB)	11%
GAS (IPP)	56%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

