

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (10th JULY' 2013)</b>	850 MW	784 MW	-7.81%
<b>Maximum Energy (10th JULY' 2013)</b>	16.9 MW	14.8 GWh	-12.43%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

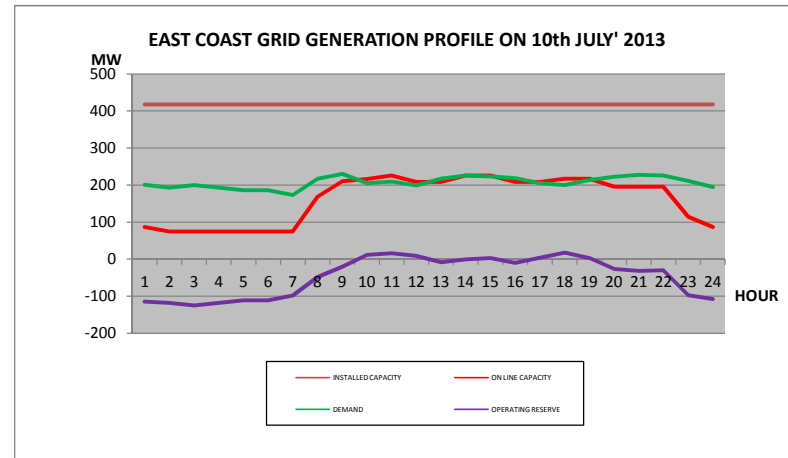
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

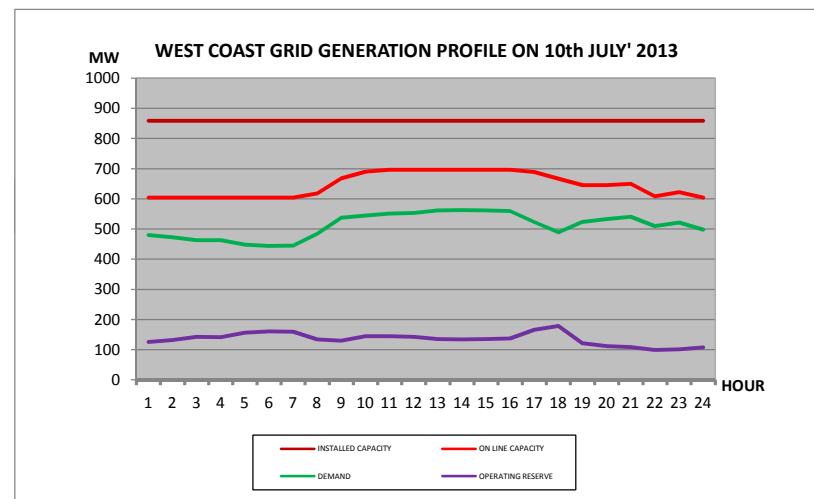
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		87	75	75	75	75	75	75	169	210	216.5	225.5	208.5	208.5	225.5	225.5	208.5	208.5	217.5	217.5	196	196	196	114	87
<b>DEMAND</b>		201.2	193.4	199.66	193.31	185.89	186.2	172.97	217.12	230.32	204.89	209.41	199.24	216.86	226.2	222.86	218.92	204.91	199.59	214.18	222.79	227.67	225.85	211.58	194.41
<b>OPERATING RESERVE</b>		-114.2	-118.4	-124.66	-118.31	-110.89	-111.2	-97.97	-48.12	-20.32	11.61	16.09	9.26	-8.36	-0.7	2.64	-10.42	3.59	17.91	3.32	-26.79	-31.67	-29.85	-97.58	-107.41

EAST COAST GRID OPERATION



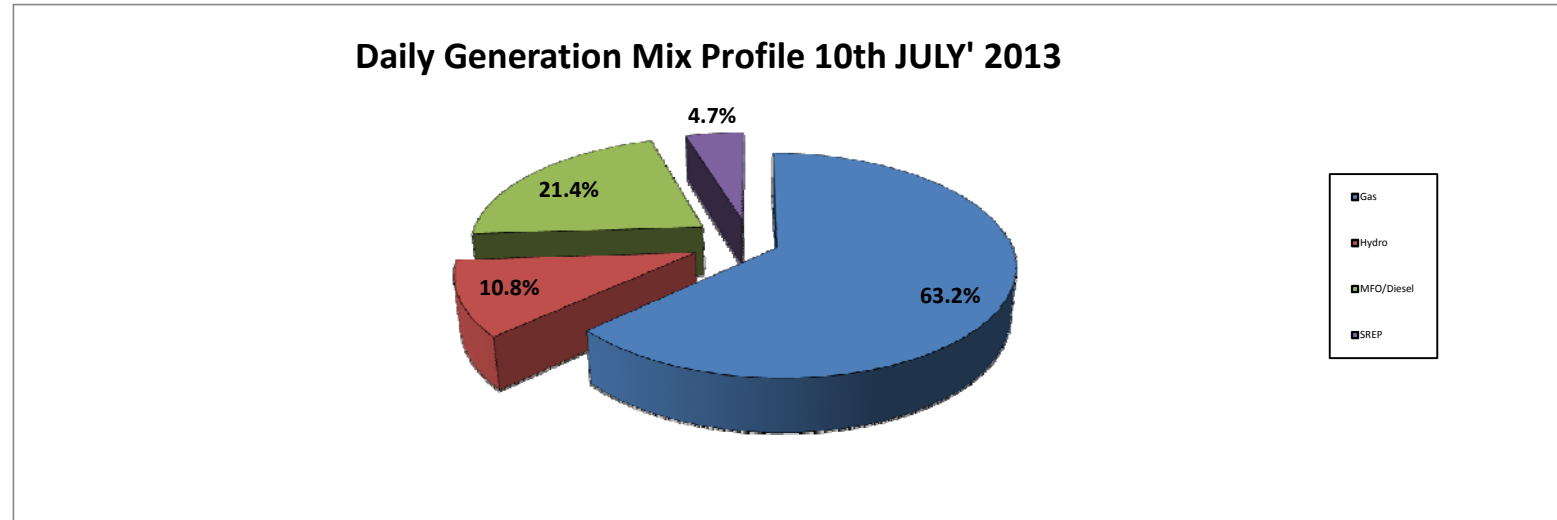
<b>WEST COAST GRID</b>																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>INSTALLED CAPACITY</b>		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
<b>ON LINE CAPACITY</b>		604.5	604.5	604.5	604.5	604.5	604.5	604.5	617.5	667.5	689.5	696	696	696	696	696	696	689	667	645	645	649.5	608.5	622.5	604.5
<b>DEMAND</b>		479.4	472.2	462.6	463.2	448	444.1	444.8	483.6	537.6	544.8	551.4	553.1	561.4	562.3	561.3	559	523.4	488	523.4	533.2	540.6	509.3	521.1	497.4
<b>OPERATING RESERVE</b>		125.1	132.3	141.9	141.3	156.5	160.4	159.7	133.9	129.9	144.7	144.6	142.9	134.6	133.7	134.7	137	165.6	179	121.6	111.8	108.9	99.2	101.4	107.1

WEST COAST GRID OPERATION



**Generation Mix Profile for 10th JULY 2013**

Gas	9,651 MWh
Hydro	1,644 MWh
MFO/Diesel	3,261 MWh
SREP	712 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SES	1,414.00 MWh	1,902.40 MWh	1,584.20 MWh	- MWh
IPP	1,847.30 MWh	7,748.20 MWh	60.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	712.40 MWh
<b>TOTAL</b>	<b>3,261.30 MWh</b>	<b>9,650.60 MWh</b>	<b>1,644.30 MWh</b>	<b>712.40 MWh</b>

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SES	9%	12%	10%	0%
IPP	12%	51%	0%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	<b>15,268.60</b>			

DIST (IPP)	12%
DIST (SES)	9%
SREP	5%
GAS (SES)	12%
GAS (IPP)	51%
HYDRO (SES)	10%
HYDRO (IPP)	0%
total	100%

