

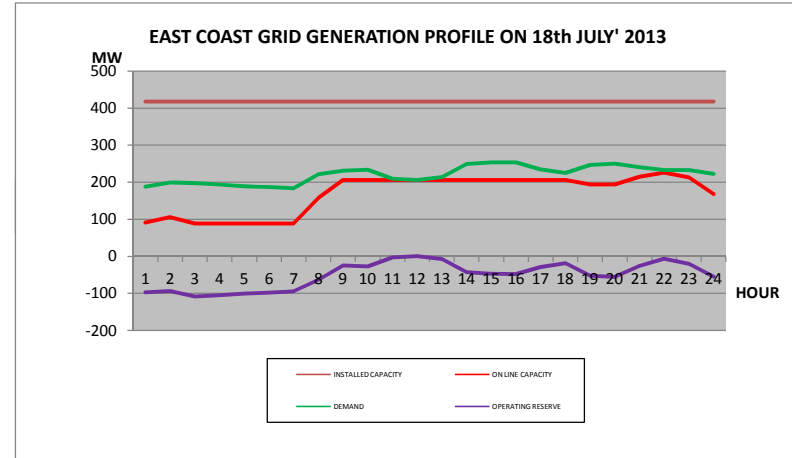
GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (18th JULY' 2013)	820 MW	777 MW	-5.20%
Maximum Energy (18th JULY' 2013)	16.8 MW	15.5 GWh	-7.74%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:
Electricity Market Operations
Electricity Supply & Market Regulations Dept.
Energy Commission Malaysia

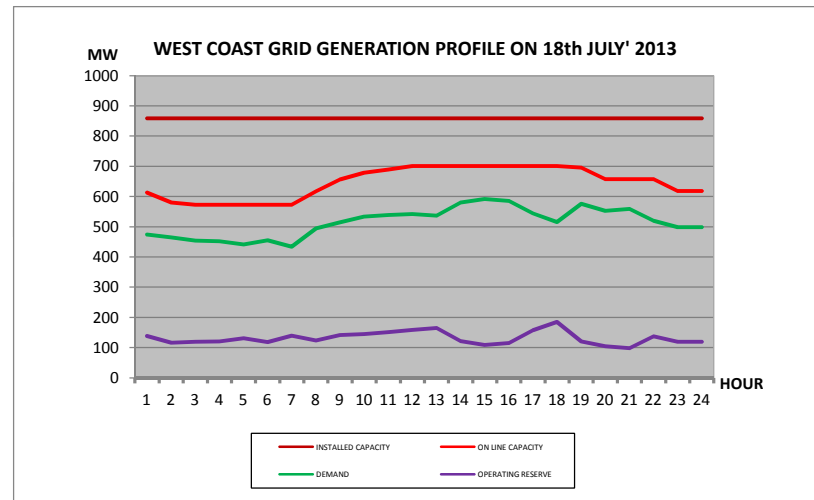
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		91	106	89	89	89	89	89	158	206.5	206.5	206.5	206.5	206.5	206.5	206.5	206.5	206.5	206.5	194.5	194.5	214.5	226.5	213	168
DEMAND		188.21	199.44	197.29	193.89	189.33	187.51	183.47	221.78	231.32	233.7	209.44	206.18	214.12	249.44	253.9	254.07	235.1	225.09	246.77	250.18	240.8	232.69	233.37	222.71
OPERATING RESERVE		-97.21	-93.44	-108.29	-104.89	-100.33	-98.51	-94.47	-63.78	-24.82	-27.2	-2.94	0.32	-7.62	-42.94	-47.4	-47.57	-28.6	-18.59	-52.27	-55.68	-26.3	-6.19	-20.37	-54.71

EAST COAST GRID OPERATION



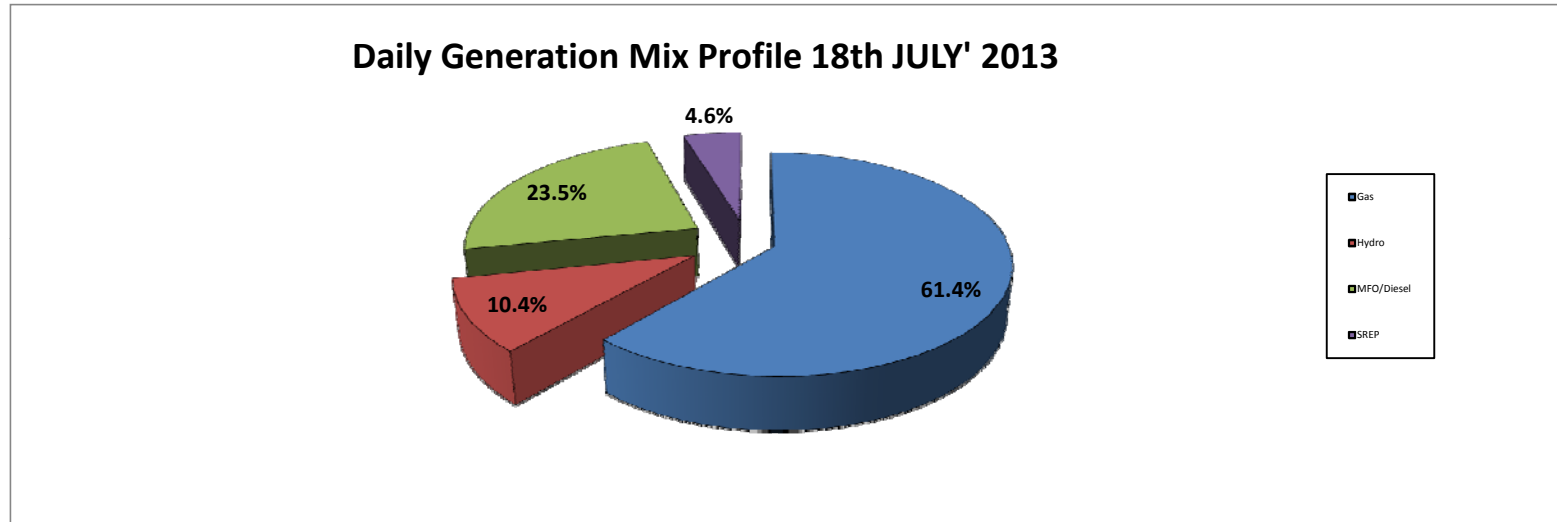
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		612.5	580.5	572.5	572.5	572.5	572.5	572.5	617.5	656.5	678.5	689.5	700.5	700.5	700.5	700.5	700.5	700.5	700.5	696	657	657	657	618	618
DEMAND		474.2	465	453.6	451.8	441.2	454.7	433.7	494.6	514.7	533.4	538.2	541.7	536.2	579.7	591.7	585.1	543.5	515.8	575.6	552.8	559	519.4	498.6	498.8
OPERATING RESERVE		138.3	115.5	118.9	120.7	131.3	117.8	138.8	122.9	141.8	145.1	151.3	158.8	164.3	120.8	108.8	115.4	157	184.7	120.4	104.2	98	137.6	119.4	119.2

WEST COAST GRID OPERATION



Generation Mix Profile for 18th JULY 2013

Gas	9,551 MWh
Hydro	1,621 MWh
MFO/Diesel	3,660 MWh
SREP	716 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,963.80 MWh	1,980.42 MWh	1,571.20 MWh	- MWh
IPP	1,696.09 MWh	7,570.73 MWh	50.13 MWh	- MWh
SREP	- MWh	- MWh	MWh	716.23 MWh
TOTAL	3,659.89 MWh	9,551.15 MWh	1,621.33 MWh	716.23 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	13%	13%	10%	0%
IPP	11%	49%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	15,548.60			

DIST (IPP)	11%
DIST (SESB)	13%
SREP	5%
GAS (SESB)	13%
GAS (IPP)	49%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

