

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (14th JULY' 2013)	730 MW	702 MW	-3.78%
Maximum Energy (14th JULY' 2013)	15.1 MW	13.8 GWh	-8.61%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

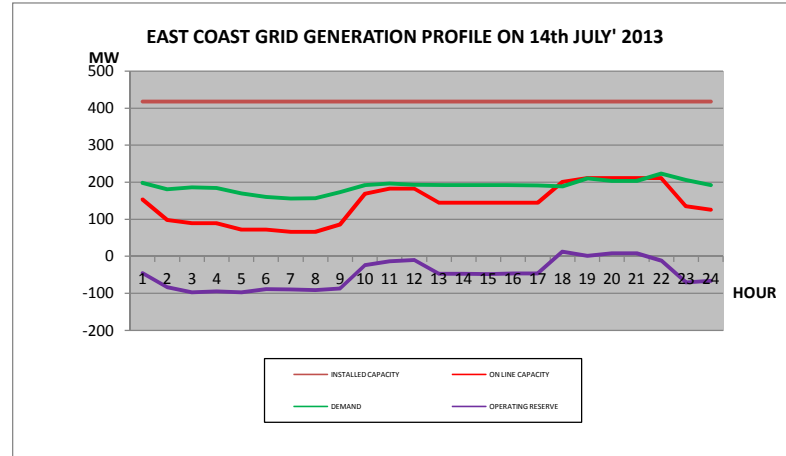
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

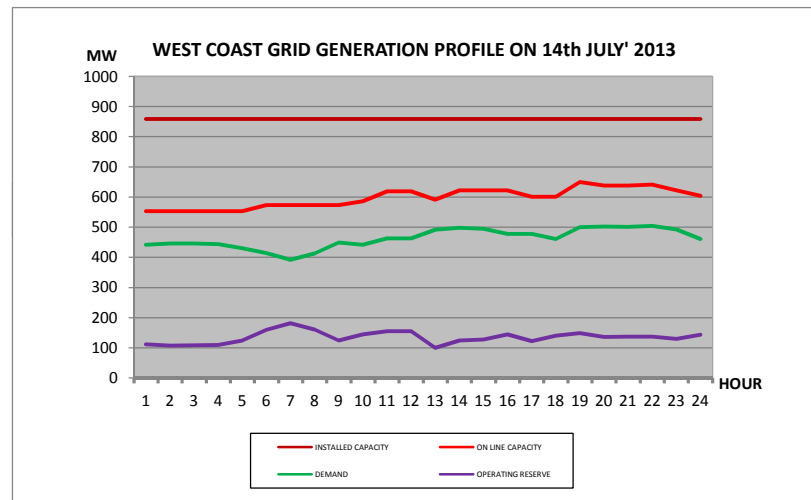
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		153	98	89	89	72	72	66	66	86	169	183	183	145	145	145	145	145	201	211.5	211.5	211.5	211.5	135	126
DEMAND		198.61	181.37	186.5	184.15	169.84	160.45	155.77	156.95	173.12	192.58	196.93	192.8	192.44	191.99	193.55	191.6	191.14	188.75	210.56	203.31	203.09	223.15	205.73	192.33
OPERATING RESERVE		-45.61	-83.37	-97.5	-95.15	-97.84	-88.45	-89.77	-90.95	-87.12	-23.58	-13.93	-9.8	-47.44	-46.99	-48.55	-46.6	-46.14	12.25	0.94	8.19	8.41	-11.65	-70.73	-66.33

EAST COAST GRID OPERATION



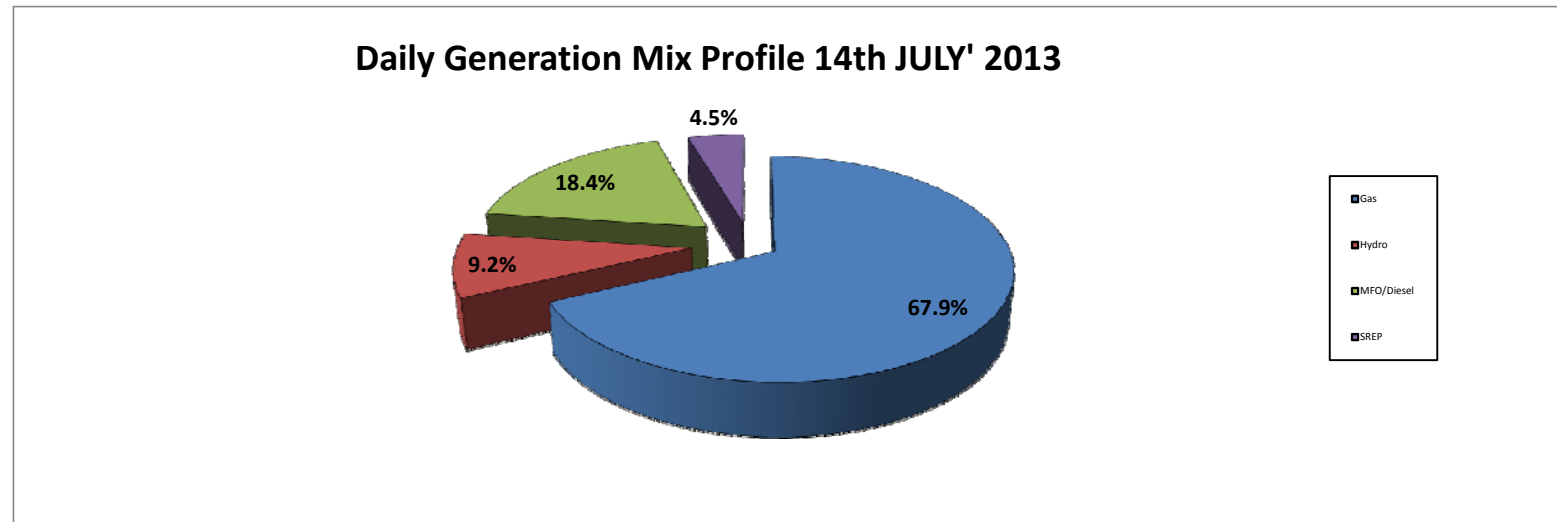
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		553.5	553.5	553.5	553.5	553.5	573.5	573.5	573.5	573.5	586.5	618.5	618.5	591.5	622.5	622.5	622.5	600.5	600.5	649.5	638.5	638.5	641.5	622.5	604.5
DEMAND		441.7	445.9	445.5	444.2	429.6	413.6	392.3	412.9	449.2	442.2	463.4	462.9	491.7	498.2	494.8	477.5	478.1	460.6	500.5	502.2	501.6	504.1	492.5	460.7
OPERATING RESERVE		111.8	107.6	108	109.3	123.9	159.9	181.2	160.6	124.3	144.3	155.1	155.6	99.8	124.3	127.7	145	122.4	139.9	149	136.3	136.9	137.4	130	143.8

WEST COAST GRID OPERATION



Generation Mix Profile for 14th JULY 2013

Gas	9,233 MWh
Hydro	1,248 MWh
MFO/Diesel	2,502 MWh
SREP	610 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,280.70 MWh	1,772.60 MWh	1,177.20 MWh	- MWh
IPP	1,220.80 MWh	7,460.70 MWh	71.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	609.70 MWh
TOTAL	2,501.50 MWh	9,233.30 MWh	1,248.20 MWh	609.70 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	9%	13%	9%	0%
IPP	9%	55%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%

TOTALLY

13,592.70

DIST (IPP)	9%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	55%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

