

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (25th JULY' 2013)	850 MW	835 MW	-1.76%
Maximum Energy (25th JULY' 2013)	16.8 MW	16.2 GWh	-3.57%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

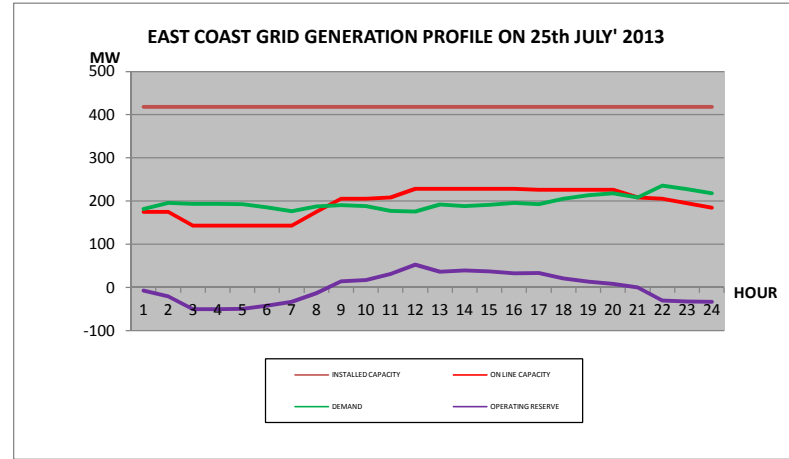
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

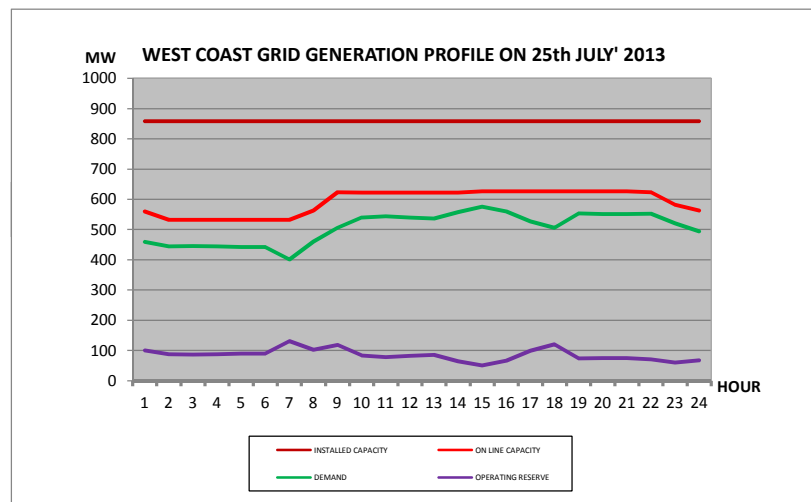
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		175	175	143	143	143	143	143	175	205.5	205.5	208.5	228.5	228.5	228.5	228.5	228.5	226.5	226.5	226.5	226.5	208.5	205.5	195	185
DEMAND		181.85	195.67	193.35	193.24	192.82	185.19	176.23	187.98	190.98	188.4	177.28	175.9	192.09	188.69	191.23	195.65	192.73	205.2	213.3	217.9	208.47	235.59	227.42	218.21
OPERATING RESERVE		-6.85	-20.67	-50.35	-50.24	-49.82	-42.19	-33.23	-12.98	14.52	17.1	31.22	52.6	36.41	39.81	37.27	32.85	33.77	21.3	13.2	8.6	0.03	-30.09	-32.42	-33.21

EAST COAST GRID OPERATION



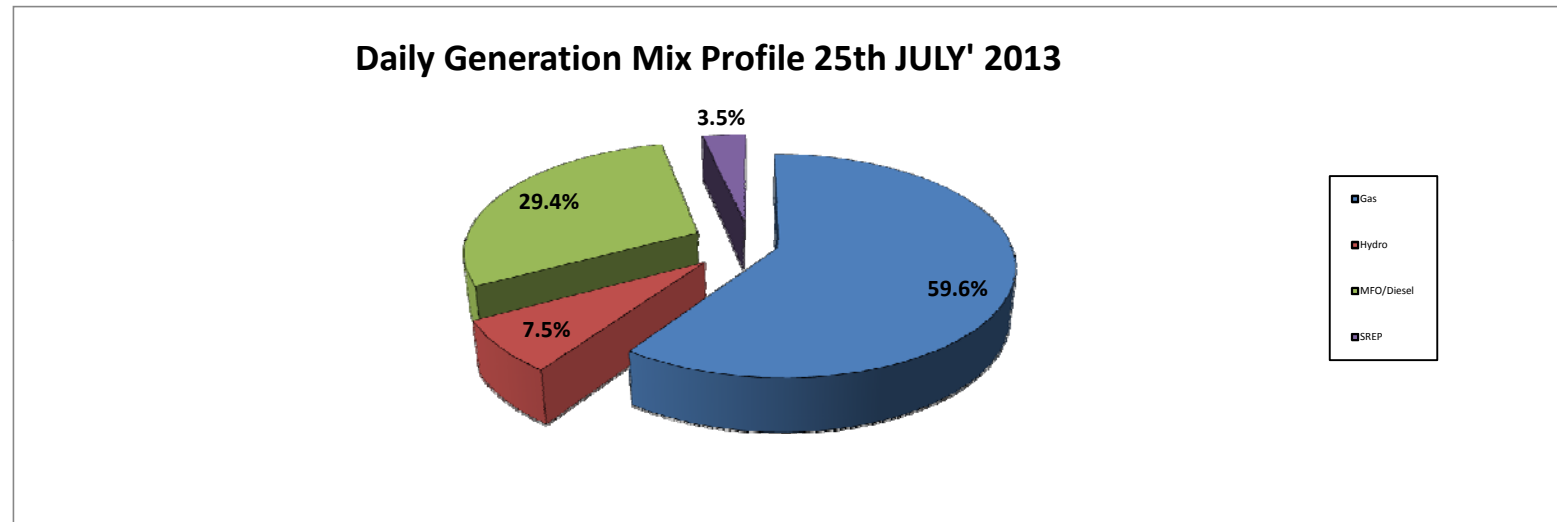
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		559.5	532	532	532	532	532	532	562.5	623.5	622.1	622.1	622.1	622.1	622.1	626.6	626.6	626.6	626.6	626.6	626.6	626	623.5	581.5	562.5
DEMAND		459	444.6	445.8	444.2	442.3	442.2	400.5	460.1	505.4	539.15	543.65	540.15	536.55	557.85	575.75	559.65	527.15	505.65	553.15	551.65	550.9	552.4	521.1	494.6
OPERATING RESERVE		100.5	87.4	86.2	87.8	89.7	89.8	131.5	102.4	118.1	82.95	78.45	81.95	85.55	64.25	50.85	66.95	99.45	120.95	73.45	74.95	75.1	71.1	60.4	67.9

WEST COAST GRID OPERATION



Generation Mix Profile for 25th JULY 2013

Gas	9,681 MWh
Hydro	1,216 MWh
MFO/Diesel	4,771 MWh
SREP	563 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	2,318.16 MWh	2,146.38 MWh	1,169.20 MWh	- MWh
IPP	2,452.41 MWh	7,534.80 MWh	47.14 MWh	- MWh
SREP	- MWh	- MWh	MWh	562.76 MWh
TOTAL	4,770.57 MWh	9,681.18 MWh	1,216.34 MWh	562.76 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	14%	13%	7%	0%
IPP	15%	46%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	16,230.85			

DIST (IPP)	15%
DIST (SESB)	14%
SREP	3%
GAS (SESB)	13%
GAS (IPP)	46%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

