

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (3rd JULY' 2013)	870 MW	841 MW	-3.38%
Maximum Energy (3rd JULY' 2013)	17.4 MW	16.0 GWh	-8.05%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

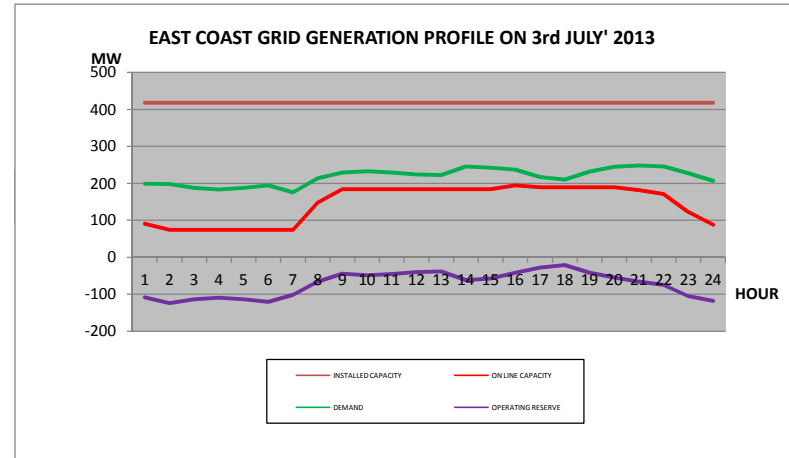
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

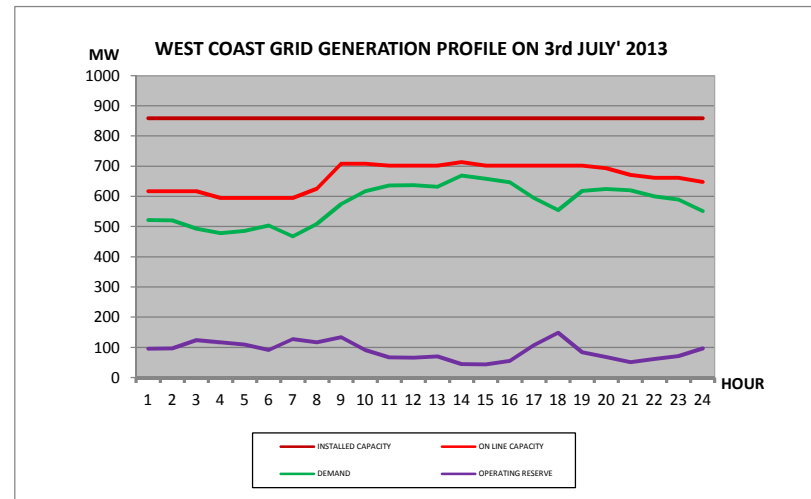
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		91	74	74	74	74	74	74	148	184.5	184.5	184.5	184.5	184.5	184.5	184.5	194.5	189.5	189.5	189.5	189.5	181.5	171	123	88
DEMAND		199.13	197.77	187.69	183.43	187.45	194.59	175.74	213.73	229.19	233.01	229.49	224.3	222.54	245.84	241.94	236.57	217.1	210.07	231.29	244.52	247.78	245.61	227.53	206.28
OPERATING RESERVE		-108.13	-123.77	-113.69	-109.43	-113.45	-120.59	-101.74	-65.73	-44.69	-48.51	-44.99	-39.8	-38.04	-61.34	-57.44	-42.07	-27.6	-20.57	-41.79	-55.02	-66.28	-74.61	-104.53	-118.28

EAST COAST GRID OPERATION



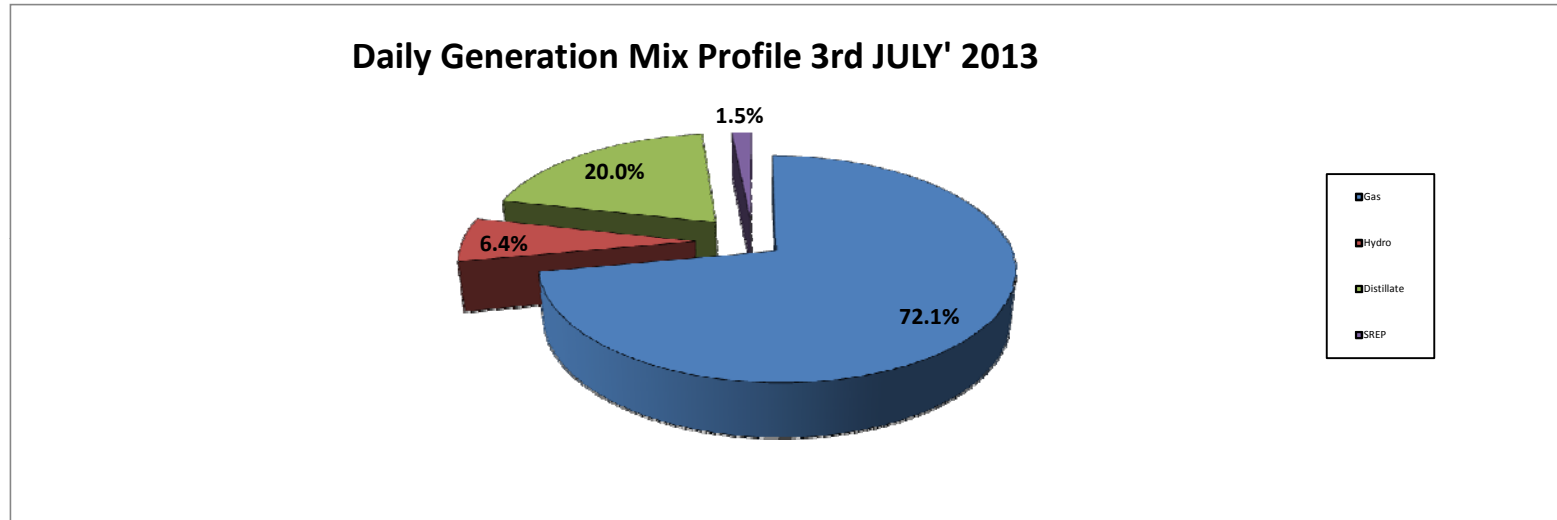
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		616.5	616.5	616.5	594.5	594.5	594.5	594.5	625	708	708	702	702	702	713	702	702	702	702	702	693	671	661	661	647.5
DEMAND		521.6	520.6	492.5	478.5	485.3	504	467.3	508.3	574.7	616.5	635.8	636.9	631.9	668.6	658.5	646.5	594.9	554.2	618.3	624.8	620.1	599.6	589.6	550.9
OPERATING RESERVE		94.9	95.9	124	116	109.2	90.5	127.2	116.7	133.3	91.5	66.2	65.1	70.1	44.4	43.5	55.5	107.1	147.8	83.7	68.2	50.9	61.4	71.4	96.6

WEST COAST GRID OPERATION



Generation Mix Profile for 3rd JULY 2013

Gas	11,785 MWh
Hydro	1,050 MWh
Distillate	3,268 MWh
SREP	245 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SES	1,619.55 MWh	1,655.40 MWh	990.20 MWh	- MWh
IPP	1,648.40 MWh	10,129.20 MWh	60.10 MWh	- MWh
SREP	- MWh	- MWh	MWh	244.50 MWh
TOTAL	3,267.95 MWh	11,784.60 MWh	1,050.30 MWh	244.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SES	10%	10%	6%	0%
IPP	10%	62%	0%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%
TOTALLY	16,347.35			

DIST (IPP)	10%
DIST (SES)	10%
SREP	1%
GAS (SES)	10%
GAS (IPP)	62%
HYDRO (SES)	6%
HYDRO (IPP)	0%
total	100%

