

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th JUNE' 2013)	870 MW	842 MW	-3.25%
Maximum Energy (20th JUNE' 2013)	17.8 MW	16.7 GWh	-6.18%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

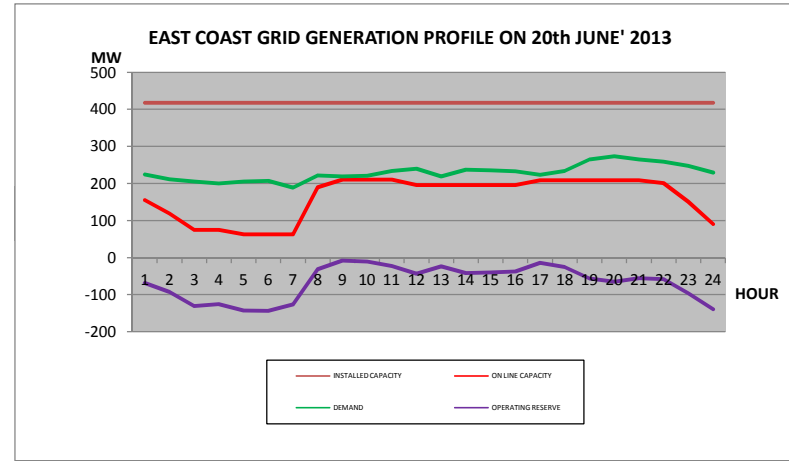
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

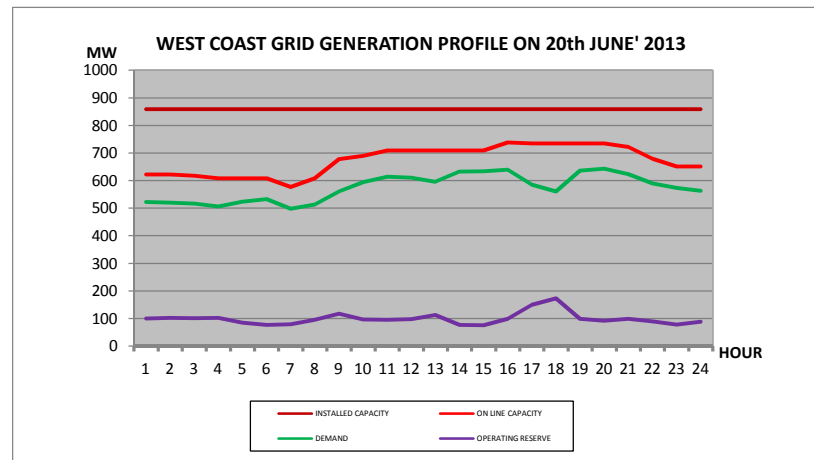
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		155	119	75	75	63	63	63	190	210.5	210.5	210.5	195.5	195.5	195.5	195.5	195.5	208.5	208.5	208.5	208.5	208.5	200.5	151	90
DEMAND		223.93	211.64	205.49	200.33	205.42	206.58	189.15	221.21	218.95	220.86	233.63	239.37	218.85	237.52	235.37	232.73	223.04	233.9	264.95	273.18	264.45	259.08	247.61	229.31
OPERATING RESERVE		-68.93	-92.64	-130.49	-125.33	-142.42	-143.58	-126.15	-31.21	-8.45	-10.36	-23.13	-43.87	-23.35	-42.02	-39.87	-37.23	-14.54	-25.4	-56.45	-64.68	-55.95	-58.58	-96.61	-139.31

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		622	622	618	608.5	608.5	608.5	576.5	608.5	677.5	689.7	708.7	708.7	708.7	708.7	738.7	734.5	734.5	734.5	734.5	722.5	678.5	651.5	651.5	
DEMAND		522	520	516.4	506.4	523.7	532.3	497.9	513	560.5	593.75	613.95	610.55	595.75	632.05	633.55	639.95	584.9	561.2	636.3	643.2	623.9	589.6	573.4	563.4
OPERATING RESERVE		100	102	101.6	102.1	84.8	76.2	78.6	95.5	117	95.95	94.75	98.15	112.95	76.65	75.15	98.75	149.6	173.3	98.2	91.3	98.6	88.9	78.1	88.1

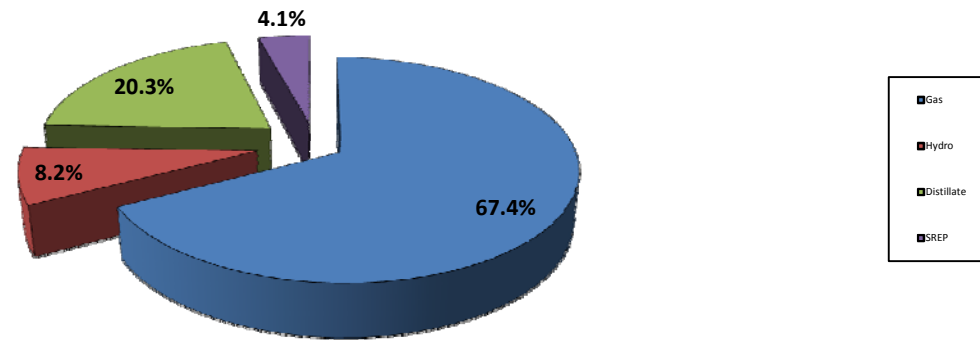
WEST COAST GRID OPERATION



Generation Mix Profile for 20th June 2013

Gas	11,278 MWh
Hydro	1,367 MWh
Distillate	3,406 MWh
SREP	689 MWh

Daily Generation Mix Profile 20th June' 2013



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,525.55 MWh	1,358.30 MWh	1,324.20 MWh	- MWh
IPP	1,880.80 MWh	9,920.10 MWh	42.50 MWh	- MWh
SREP	- MWh	- MWh	MWh	688.50 MWh
TOTAL	3,406.35 MWh	11,278.40 MWh	1,366.70 MWh	688.50 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	9%	8%	8%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,739.95			

DIST (IPP)	11%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	8%
GAS (IPP)	59%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 20th June' 2013

