

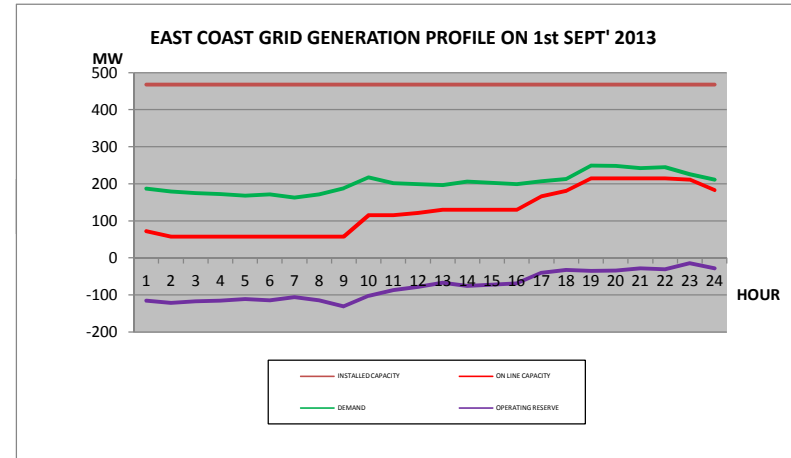
GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (1st SEPT' 2013)	750 MW	728 MW	-2.89%
Maximum Energy (1st SEPT' 2013)	16.4 MW	13.6 GWh	-17.07%
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

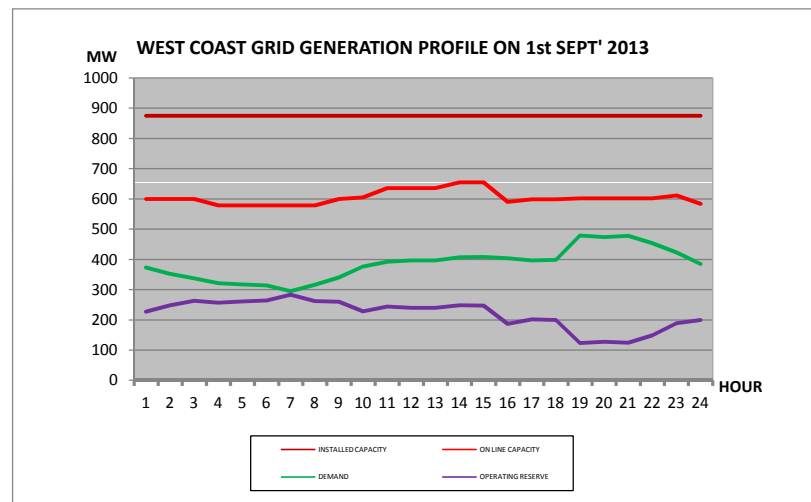
EAST COAST GRID																									
INSTALLED CAPACITY		467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	
ON LINE CAPACITY		72	57	57	57	57	57	57	57	57	115	115	121	130	130	130	130	166	181	214.5	214.5	214.5	214.5	211.5	183
DEMAND		187.03	178.87	174.54	172.37	168.25	171.12	162.75	171.61	188.2	217.57	201.61	198.92	196.68	205.75	202.55	198.92	206.6	213.29	249.42	248.49	242.33	244.81	226.08	211.05
OPERATING RESERVE		-115.03	-121.87	-117.54	-115.37	-111.25	-114.12	-105.75	-114.61	-131.2	-102.57	-86.61	-77.92	-66.68	-75.75	-72.55	-68.92	-40.6	-32.29	-34.92	-33.99	-27.83	-30.31	-14.58	-28.05

EAST COAST GRID OPERATION



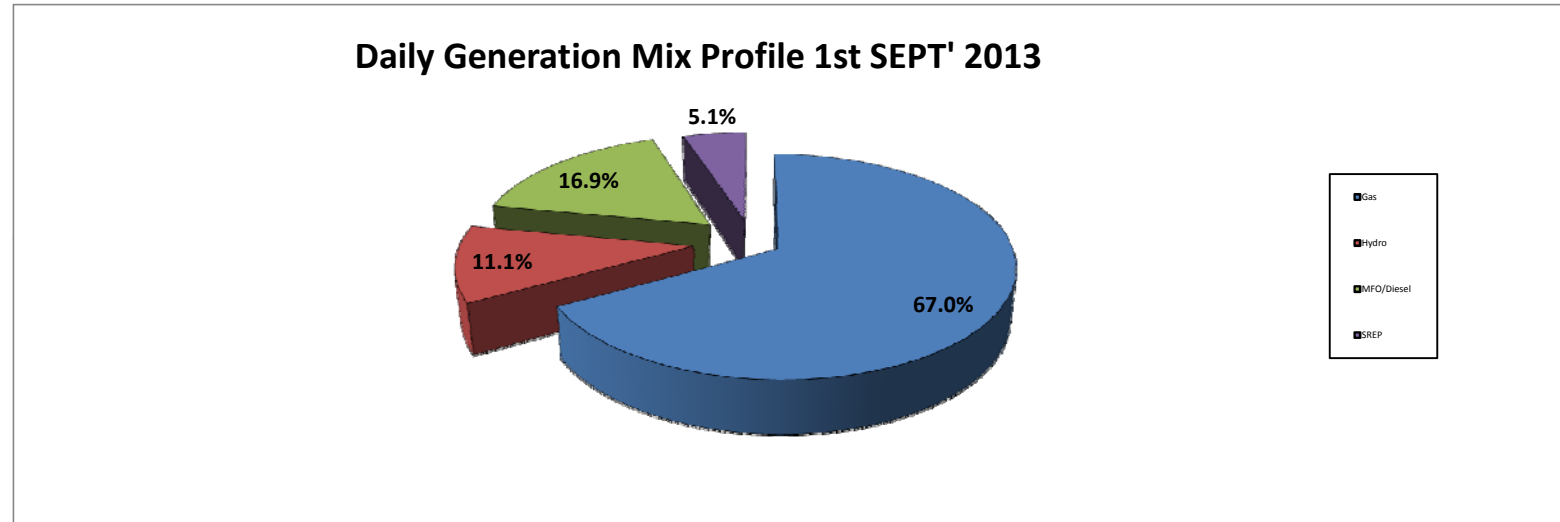
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1
ON LINE CAPACITY		600	600	600	578	578	578	578	578	600	605	636	636	636	655	655	590	598.5	598.5	602	602	602	602	611	584
DEMAND		372.77	352.33	337.06	321.13	316.85	313.68	294.75	316.29	340.4	376.63	391.99	396.28	396.22	406.65	407.96	403.28	396.5	399.01	478.83	474.11	477.67	453.29	422.42	384.35
OPERATING RESERVE		227.23	247.67	262.94	256.87	261.15	264.32	283.25	261.71	259.6	228.37	244.01	239.72	239.78	248.35	247.04	186.72	202	199.49	123.17	127.89	124.33	148.71	188.58	199.65

WEST COAST GRID OPERATION



Generation Mix Profile for 1st SEPTEMBER 2013

Gas	9,098 MWh
Hydro	1,503 MWh
MFO/Diesel	2,299 MWh
SREP	689 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SES	1,125.42 MWh	1,368.78 MWh	1,473.20 MWh	- MWh
IPP	1,173.10 MWh	7,729.64 MWh	29.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	689.27 MWh
TOTAL	2,298.52 MWh	9,098.42 MWh	1,502.80 MWh	689.27 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SES	8%	10%	11%	0%
IPP	9%	57%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%

DIST (IPP)	9%
DIST (SES)	8%
SREP	5%
GAS (SES)	10%
GAS (IPP)	57%
HYDRO (SES)	11%
HYDRO (IPP)	0%
total	100%

