

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th JULY' 2013)	745 MW	715 MW	-4.03%
Maximum Energy (20th JULY' 2013)	15.6 MW	14.6 GWh	-6.41%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

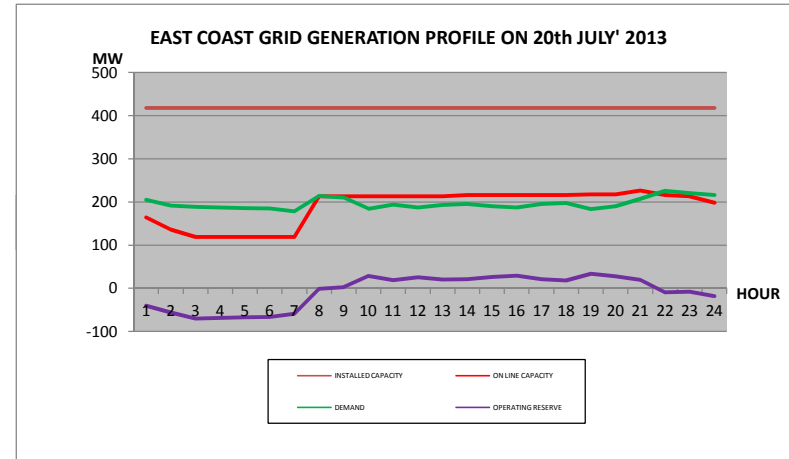
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

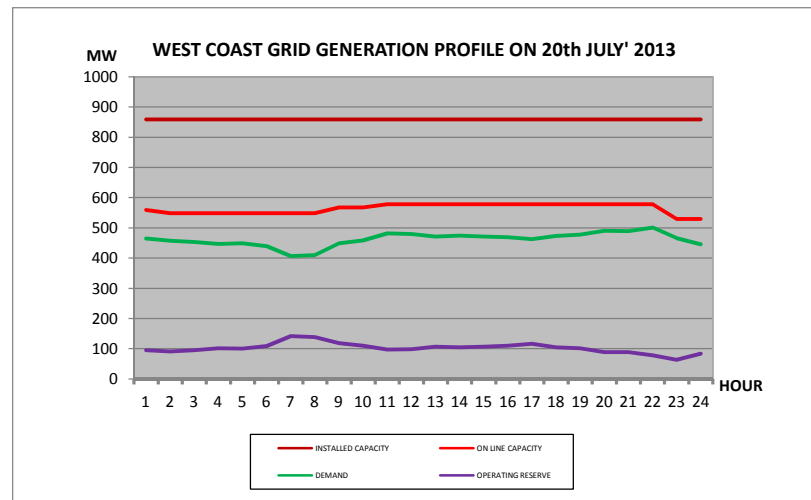
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		164.5	136	119	119	119	119	119	213	213	213	213	213	213	216	216	216	216	216	217.5	217.5	226.5	216.5	213	198
DEMAND		204.83	191.8	188.86	187.57	186.09	185.26	178.37	214.07	210.12	184.51	194.15	187.46	192.98	195.14	190.06	186.94	195.09	197.73	183.74	189.94	207.12	225.89	220.53	216.36
OPERATING RESERVE		-40.33	-55.8	-69.86	-68.57	-67.09	-66.26	-59.37	-1.07	2.88	28.49	18.85	25.54	20.02	20.86	25.94	29.06	20.91	18.27	33.76	27.56	19.38	-9.39	-7.53	-18.36

EAST COAST GRID OPERATION



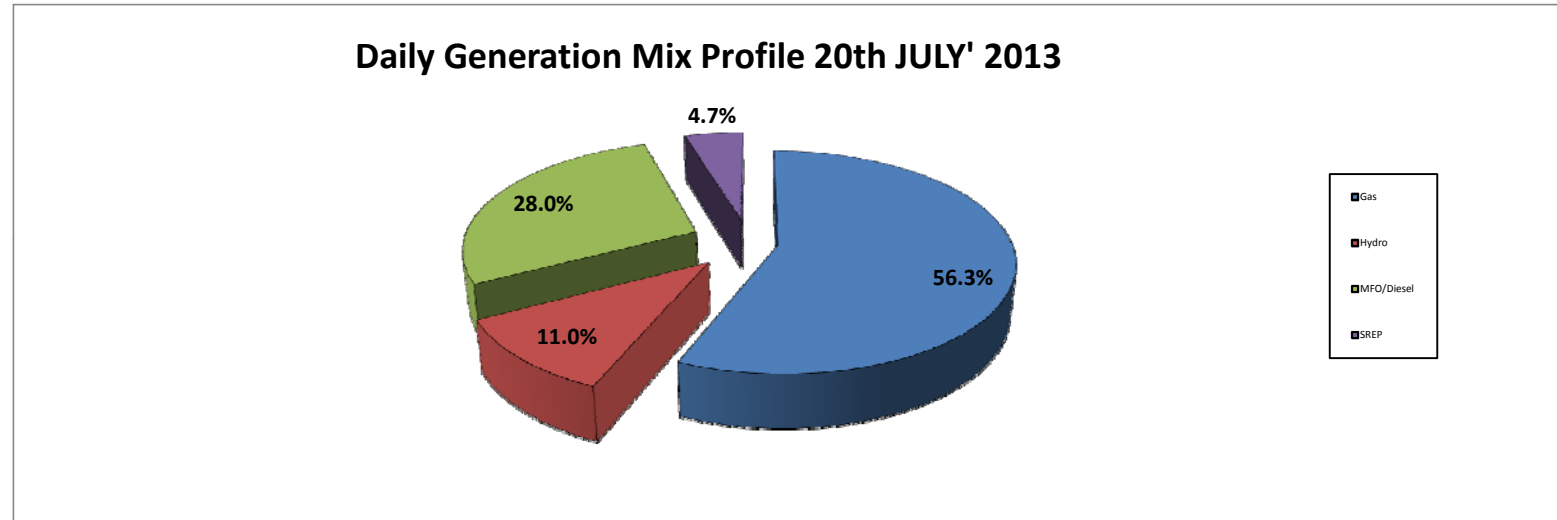
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		559.5	548.5	548.5	548.5	548.5	548.5	548.5	548.5	567.5	567.5	578.5	578.5	578.5	578.5	578.5	578.5	578.5	578.5	578.5	578.5	578.5	578.5	529.5	529.5
DEMAND		464.7	457.8	453.5	447.4	448.5	439.4	407	409.9	448.8	458	481.4	479.7	471.6	474	471.7	469	462.3	473.8	477.4	490.2	489.3	500.8	466.1	446.1
OPERATING RESERVE		94.8	90.7	95	101.1	100	109.1	141.5	138.6	118.7	109.5	97.1	98.8	106.9	104.5	106.8	109.5	116.2	104.7	101.1	88.3	89.2	77.7	63.4	83.4

WEST COAST GRID OPERATION



Generation Mix Profile for 20th JULY 2013

Gas	8,228 MWh
Hydro	1,602 MWh
MFO/Diesel	4,090 MWh
SREP	689 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,992.05 MWh	2,254.56 MWh	1,559.20 MWh	- MWh
IPP	2,098.38 MWh	5,973.77 MWh	42.83 MWh	- MWh
SREP	- MWh	- MWh	MWh	688.57 MWh
TOTAL	4,090.44 MWh	8,228.33 MWh	1,602.03 MWh	688.57 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	14%	15%	11%	0%
IPP	14%	41%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	14,609.37			

DIST (IPP)	14%
DIST (SESB)	14%
SREP	5%
GAS (SESB)	15%
GAS (IPP)	41%
HYDRO (SESB)	11%
HYDRO (IPP)	0%
total	100%

