

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (4th JULY' 2013)	855 MW	816 MW	-4.60%
Maximum Energy (4th JULY' 2013)	17.5 MW	15.8 GWh	-9.71%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

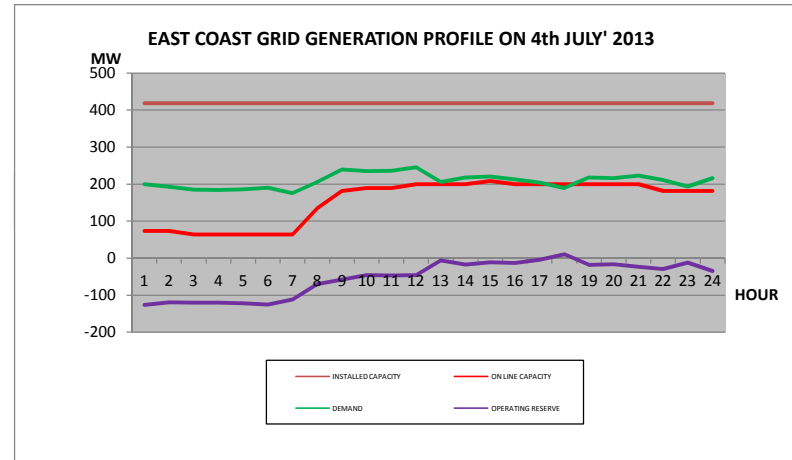
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

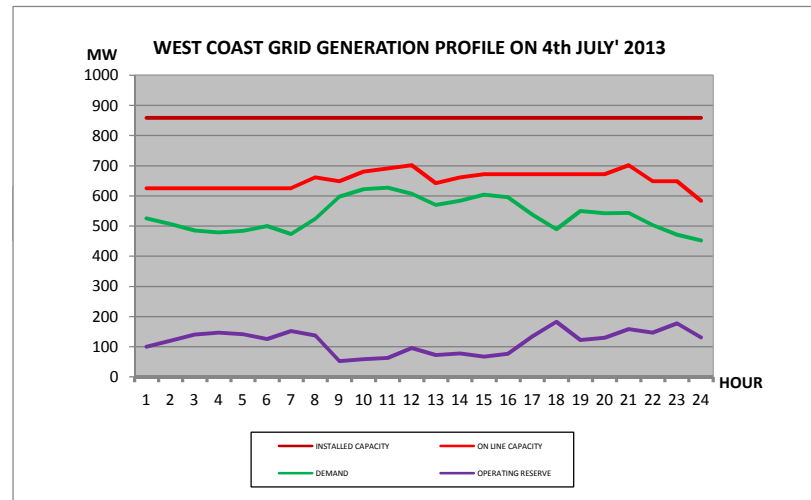
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		73	73	64	64	64	64	64	135	181.5	189.5	189.5	199.5	199.5	199.5	208.5	199.5	199.5	199.5	199.5	199.5	199.5	181	181	181
DEMAND		199.67	192.6	184.59	184.27	186.06	189.84	175.63	205.53	239.3	235.41	236.09	245.19	205.48	217.31	220.12	212.96	204.1	189.27	217.94	216.4	222.62	210.84	193.59	215.59
OPERATING RESERVE		-126.67	-119.6	-120.59	-120.27	-122.06	-125.84	-111.63	-70.53	-57.8	-45.91	-46.59	-45.69	-5.98	-17.81	-11.62	-13.46	-4.6	10.23	-18.44	-16.9	-23.12	-29.84	-12.59	-34.59

EAST COAST GRID OPERATION



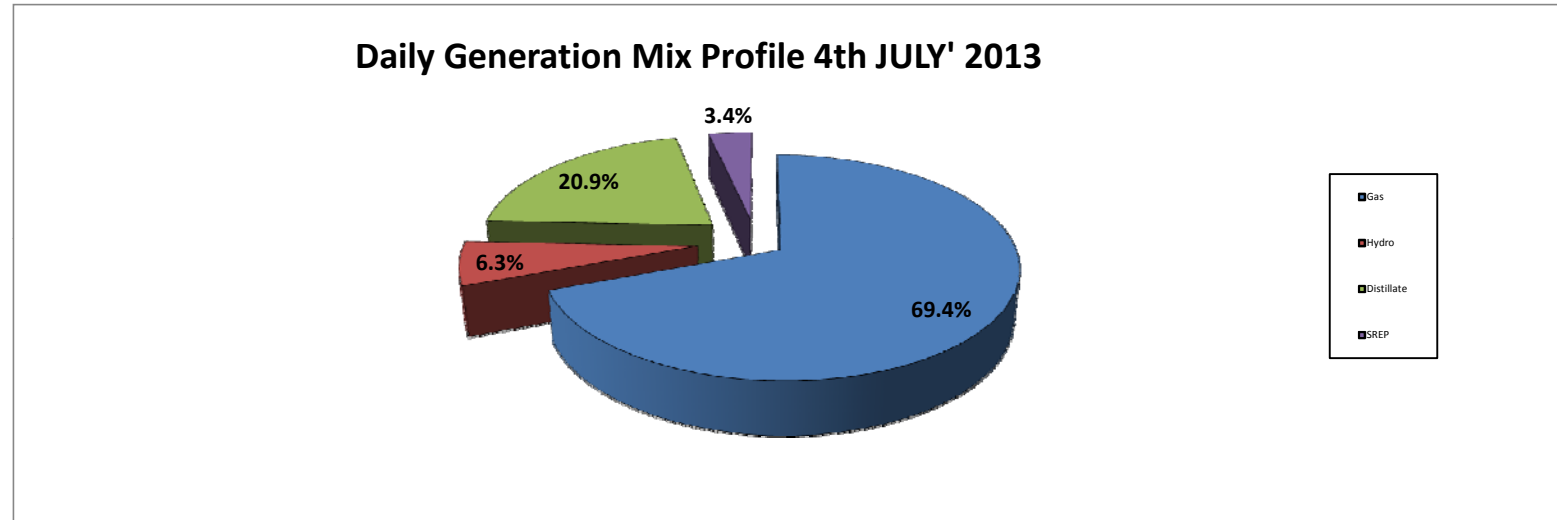
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		625.5	625.5	625.5	625.5	625.5	625.5	625.5	661	649	680	691	702	642	661	672	672	672	672	672	672	702	649	649	584
DEMAND		525.6	505.9	485.5	478.5	484.1	500	473.8	524.4	597.2	621.6	627.8	606.7	569.8	583.8	604.5	595.2	538.4	489.2	549.6	542.5	543.2	502.8	471.9	452.8
OPERATING RESERVE		99.9	119.6	140	147	141.4	125.5	151.7	136.6	51.8	58.4	63.2	95.3	72.2	77.2	67.5	76.8	133.6	182.8	122.4	129.5	158.8	146.2	177.1	131.2

WEST COAST GRID OPERATION



Generation Mix Profile for 4th JULY 2013

Gas	10,925 MWh
Hydro	991 MWh
Distillate	3,292 MWh
SREP	542 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SES	1,577.40 MWh	1,632.80 MWh	937.20 MWh	- MWh
IPP	1,714.80 MWh	9,291.90 MWh	54.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	541.60 MWh
TOTAL	3,292.20 MWh	10,924.70 MWh	991.20 MWh	541.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SES	10%	10%	6%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,749.70			

DIST (IPP)	11%
DIST (SES)	10%
SREP	3%
GAS (SES)	10%
GAS (IPP)	59%
HYDRO (SES)	6%
HYDRO (IPP)	0%
total	100%

