

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (15th JULY' 2013)	850 MW	777 MW	-8.65%
Maximum Energy (15th JULY' 2013)	17.0 MW	14.8 GWh	-12.94%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

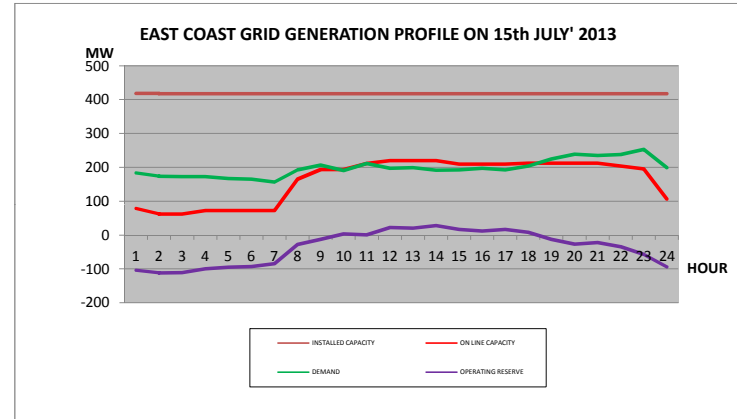
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

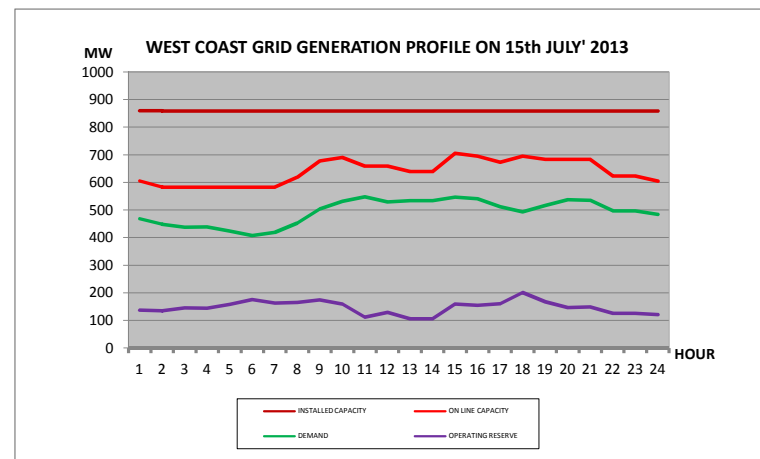
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		79	62	62	72	72	72	165	193.5	193.5	211.5	219.5	219.5	209.5	209.5	209.5	212.5	212.5	212.5	212.5	204	195	106		
DEMAND		183.13	173.66	173.05	172.15	166.62	164.82	156.52	192.48	206.19	190.438	211.4	197.4	199.29	191.5	192.7	197.43	192.89	204.04	224.87	239.25	234.94	238.1	252.53	199.55
OPERATING RESERVE		-104.13	-111.66	-111.05	-100.15	-94.62	-92.82	-84.52	-27.48	-12.69	3.062	0.1	22.1	20.21	28	16.8	12.07	16.61	8.46	-12.37	-26.75	-22.44	-34.1	-57.53	-93.55

EAST COAST GRID OPERATION



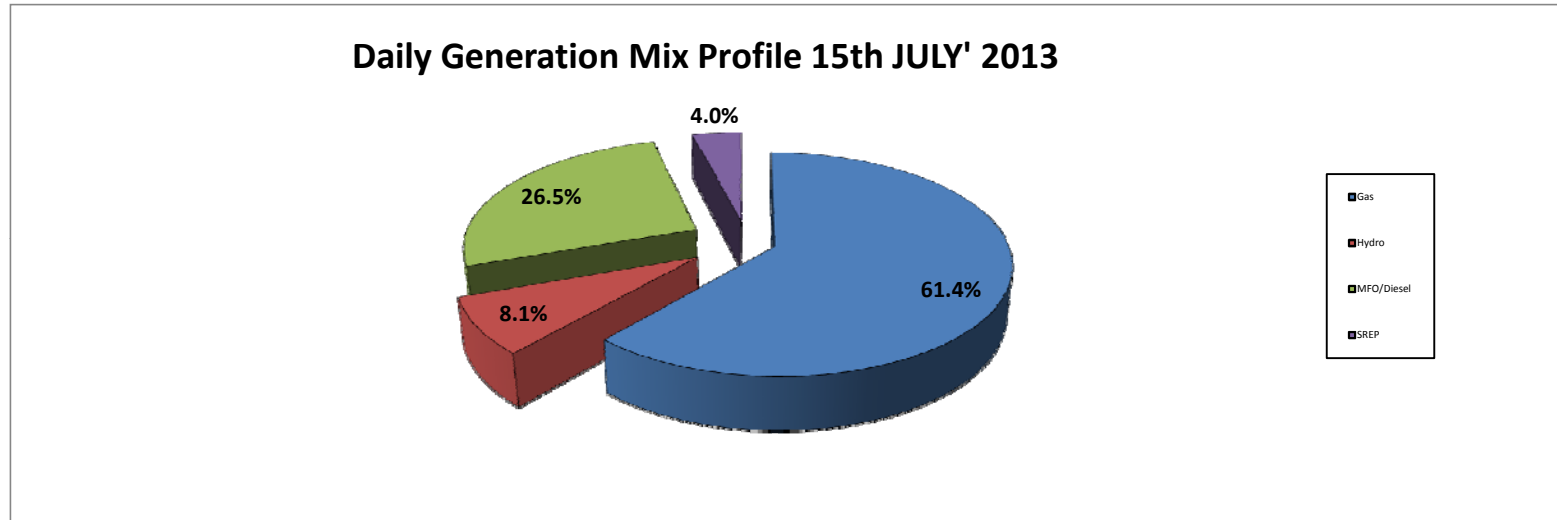
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		604.5	582.5	582.5	582.5	582.5	582.5	582.5	618	678	690	659	659	639.5	639.5	705.5	694.5	672.5	694.5	683.5	683.5	683.5	622.5	622.5	604.5
DEMAND		467.7	448.2	437.3	438.4	424	407.2	419.3	452.9	504.1	531.2	547.9	529.6	533.3	533.7	546.3	540.2	511.7	493.4	516.2	537.5	534.4	497.1	496.7	483.6
OPERATING RESERVE		136.8	134.3	145.2	144.1	158.5	175.3	163.2	165.1	173.9	158.8	111.1	129.4	106.2	105.8	159.2	154.3	160.8	201.1	167.3	146	149.1	125.4	125.8	120.9

WEST COAST GRID OPERATION



Generation Mix Profile for 15th JULY 2013

Gas	9,393 MWh
Hydro	1,240 MWh
MFO/Diesel	4,046 MWh
SREP	609 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,852.63 MWh	1,929.12 MWh	1,159.00 MWh	- MWh
IPP	2,193.59 MWh	7,463.89 MWh	81.19 MWh	- MWh
SREP	- MWh	- MWh	- MWh	609.25 MWh
TOTAL	4,046.22 MWh	9,393.01 MWh	1,240.19 MWh	609.25 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	12%	13%	8%	0%
IPP	14%	49%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,288.68			

DIST (IPP)	14%
DIST (SESB)	12%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	49%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

