

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (17th JULY' 2013)	830 MW	805 MW	-3.01%
Maximum Energy (17th JULY' 2013)	16.5 MW	15.8 GWh	-4.24%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

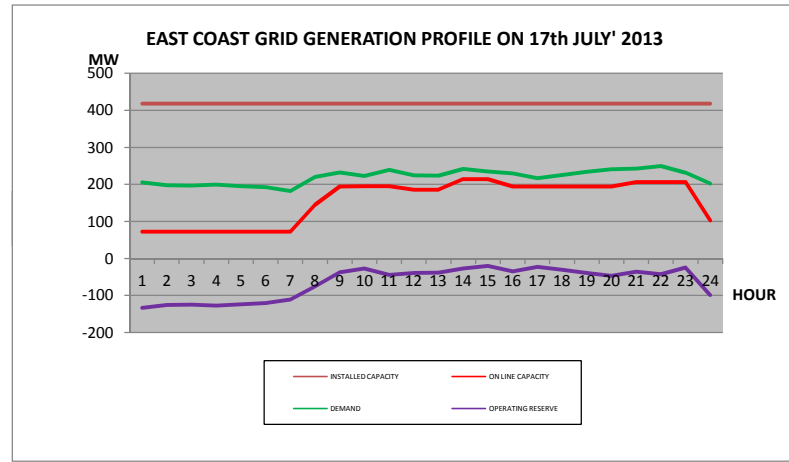
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

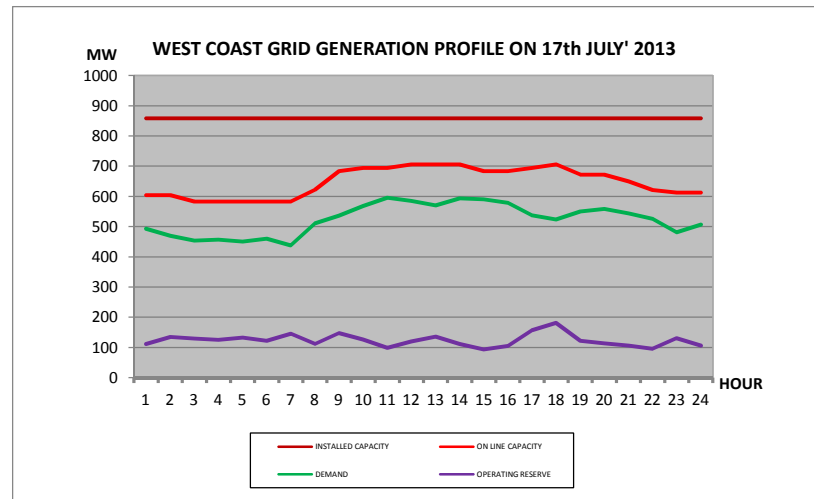
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		72	72	72	72	72	72	72	145	194.5	195.5	195.5	185.5	185.5	214.5	214.5	194.5	194.5	194.5	194.5	194.5	206.5	206.5	206.5	103
DEMAND		205.58	197.99	196.71	199.27	195.57	192.62	182.58	220.47	232.33	222.48	239.61	224.41	223.49	241.59	235.08	229.44	217.08	225.1	234.1	241.14	242.52	249.34	231.07	202.13
OPERATING RESERVE		-133.58	-125.99	-124.71	-127.27	-123.57	-120.62	-110.58	-75.47	-37.83	-26.98	-44.11	-38.91	-37.99	-27.09	-20.58	-34.94	-22.58	-30.6	-39.6	-46.64	-36.02	-42.84	-24.57	-99.13

EAST COAST GRID OPERATION



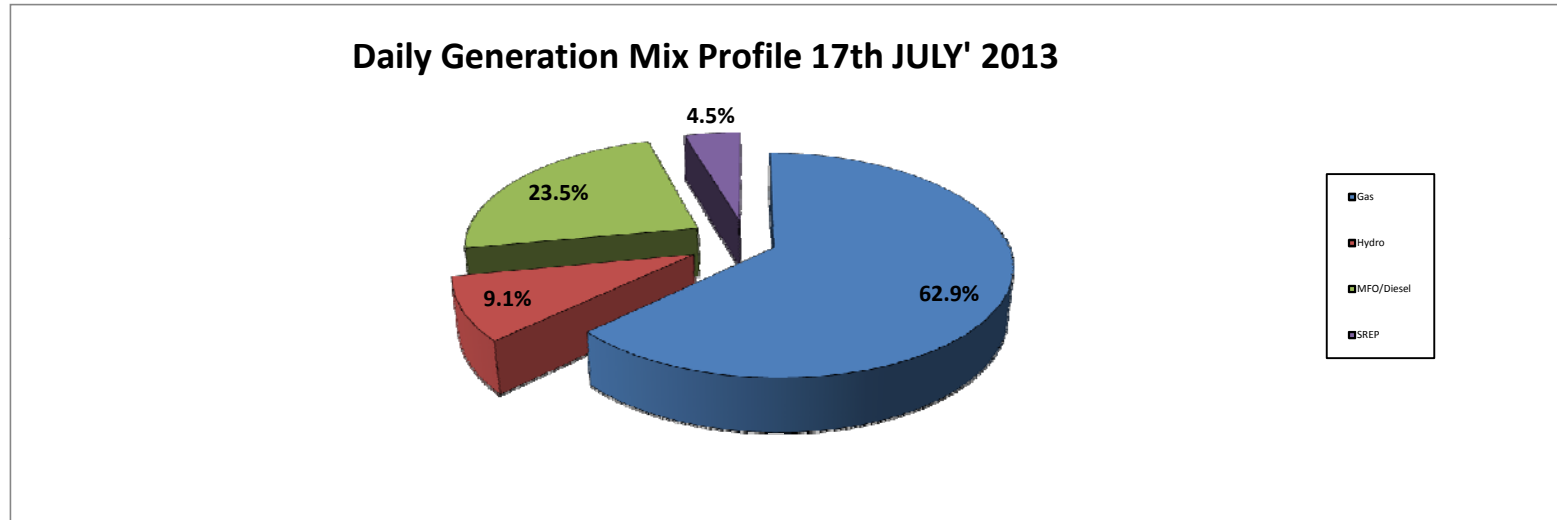
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		604.5	604.5	582.5	582.5	582.5	582.5	582.5	622.5	683.5	694.5	694.5	705.5	705.5	705.5	683.5	683.5	694.5	705.5	671.5	671.5	649.5	621	612.5	612.5
DEMAND		493.1	469.4	453.3	457.3	450.4	460.4	437.5	511.1	536.2	568.2	595.8	585.3	570.2	593.8	590.5	578.6	537.2	523.7	549.9	558.01	543.8	525.3	481.6	506.7
OPERATING RESERVE		111.4	135.1	129.2	125.2	132.1	122.1	145	111.4	147.3	126.3	98.7	120.2	135.3	111.7	93	104.9	157.3	181.8	121.6	113.49	105.7	95.7	130.9	105.8

WEST COAST GRID OPERATION



Generation Mix Profile for 17th JULY 2013

Gas	9,984 MWh
Hydro	1,441 MWh
MFO/Diesel	3,730 MWh
SREP	715 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	2,069.29 MWh	2,241.92 MWh	1,387.00 MWh	- MWh
IPP	1,660.68 MWh	7,742.48 MWh	53.97 MWh	- MWh
SREP	- MWh	- MWh	MWh	715.24 MWh
TOTAL	3,729.97 MWh	9,984.40 MWh	1,440.97 MWh	715.24 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	13%	14%	9%	0%
IPP	10%	49%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%

DIST (IPP)	10%
DIST (SESB)	13%
SREP	5%
GAS (SESB)	14%
GAS (IPP)	49%
HYDRO (SESB)	9%
HYDRO (IPP)	0%
total	100%

