

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (27th JULY' 2013)	740 MW	767 MW	3.61%
Maximum Energy (27th JULY' 2013)	16.0 MW	15.4 GWh	-3.75%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

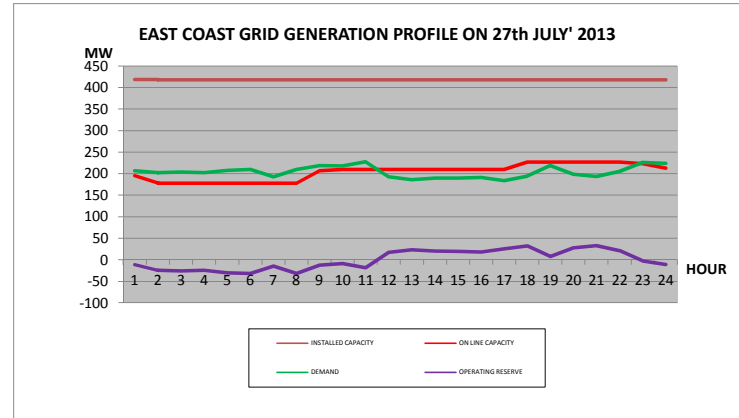
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

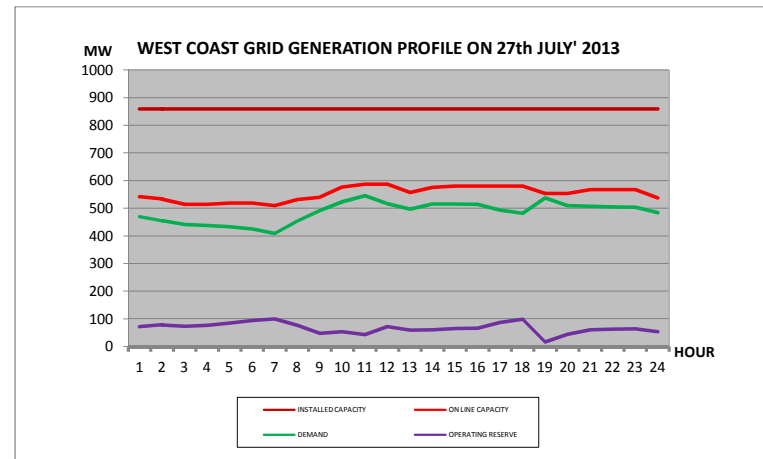
EAST COAST GRID																							
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		195	178	178	178	178	178	178	178	206.5	209.5	209.5	209.5	209.5	209.5	209.5	209.5	209.5	226.5	226.5	226.5	226.5	223.5
DEMAND		206.24	202.29	203.98	202.26	207.88	209.5	192.89	210.01	218.95	218.06	227.57	192.39	186.11	189.4	189.66	191.1	183.88	194.33	218.69	198.46	193.5	224.11
OPERATING RESERVE		-11.24	-24.29	-25.98	-24.26	-29.88	-31.5	-14.89	-32.01	-12.45	-8.56	-18.07	17.11	23.39	20.1	19.84	18.4	25.62	32.17	7.81	28.04	33	-11.11

EAST COAST GRID OPERATION



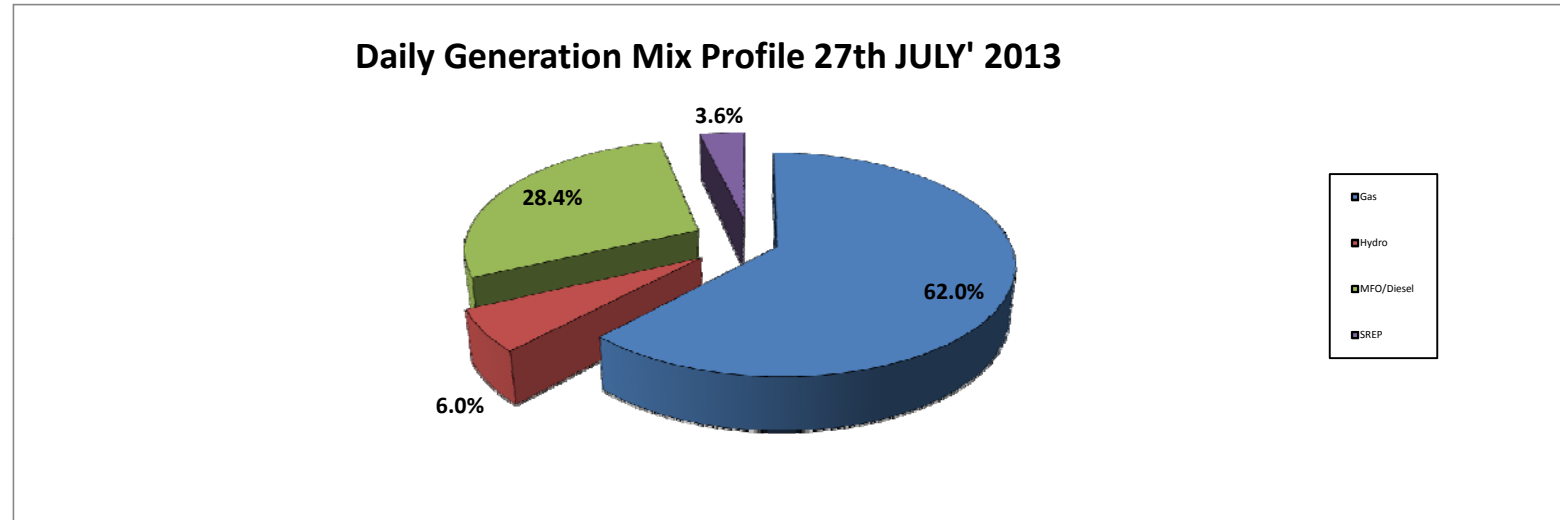
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		541	533	514	514	518.5	518.5	509	531	539	576.5	587.5	587.5	556.5	575.5	580.5	580.5	580.5	580.5	554	554	567.5	567.5	567.5	537.5
DEMAND		469.8	454.9	441	437.6	433.5	424.6	408.9	453.9	491.2	523.3	544.8	516	497	515.4	514.9	514.3	493.8	481.3	537	509.8	506.9	504.3	504	483.8
OPERATING RESERVE		71.2	78.1	73	76.4	85	93.9	100.1	77.1	47.8	53.2	42.7	71.5	59.5	60.1	65.6	66.2	86.7	99.2	17	44.2	60.6	63.2	63.5	53.7

WEST COAST GRID OPERATION



Generation Mix Profile for 27th JULY 2013

Gas	9,551 MWh
Hydro	930 MWh
MFO/Diesel	4,375 MWh
SREP	554 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	2,062.42 MWh	1,988.96 MWh	898.20 MWh	- MWh
IPP	2,313.00 MWh	7,562.19 MWh	31.90 MWh	- MWh
SREP	- MWh	- MWh	MWh	554.19 MWh
TOTAL	4,375.42 MWh	9,551.15 MWh	930.10 MWh	554.19 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	13%	13%	6%	0%
IPP	15%	49%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,410.86			

DIST (IPP)	15%
DIST (SESB)	13%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	49%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

