

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (19th JULY' 2013)	800 MW	805 MW	0.65%
Maximum Energy (19th JULY' 2013)	16.9 MW	15.7 GWh	-7.10%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

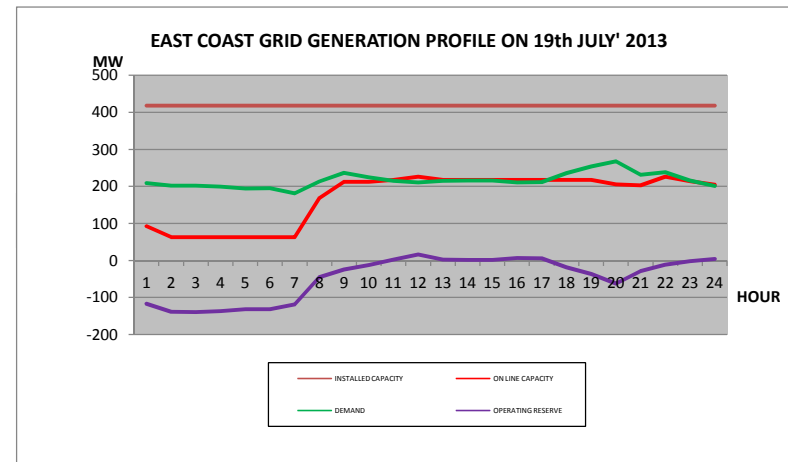
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

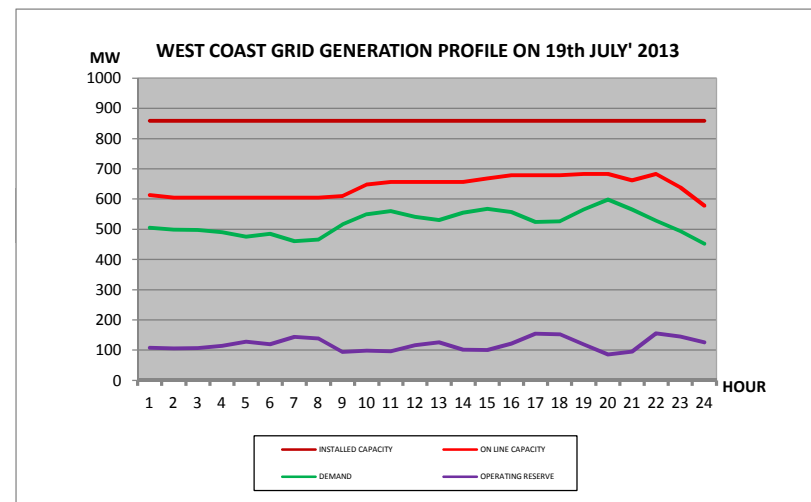
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		92	63	63	63	63	63	63	168	212.5	212.5	217.5	226.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	205.5	202.5	226.5	214.5	204.5
DEMAND		208.93	201.73	202.13	199.51	194.58	194.93	181.66	213.26	236.75	224.8	214.9	210.57	215.26	215.98	216.31	210.7	211.68	235.64	254.22	267.69	231.14	238.09	216.11	200.82
OPERATING RESERVE		-116.93	-138.73	-139.13	-136.51	-131.58	-131.93	-118.66	-45.26	-24.25	-12.3	2.6	15.93	2.24	1.52	1.19	6.8	5.82	-18.14	-36.72	-62.19	-28.64	-11.59	-1.61	3.68

EAST COAST GRID OPERATION



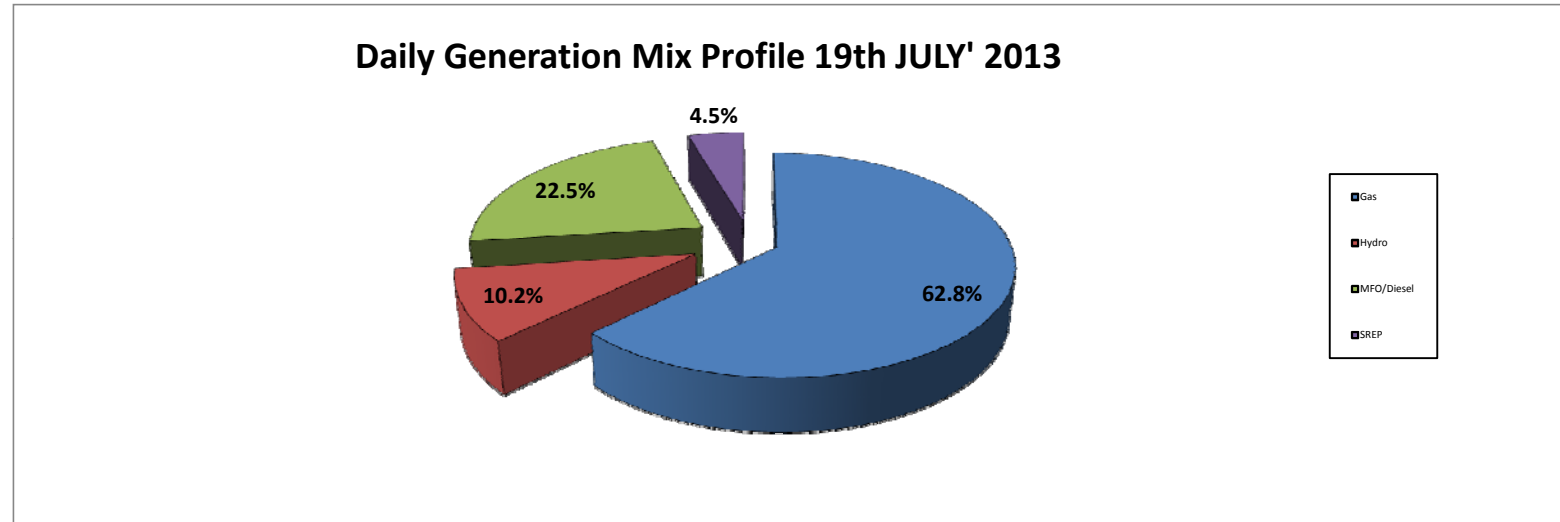
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		613	604.5	604.5	604.5	604.5	604.5	604.5	604.5	609.5	648.5	657	657	657	657	668	679	679	679	683.5	683.5	661.5	683.5	638.5	578.5
DEMAND		505.4	499.1	498.1	490.5	476	485.4	460.2	465.5	515.6	549.7	560.4	540.7	530.6	555	567.7	556.9	524.3	526.4	565.2	598.2	565.9	528.3	493.3	452.1
OPERATING RESERVE		107.6	105.4	106.4	114	128.5	119.1	144.3	139	93.9	98.8	96.6	116.3	126.4	102	100.3	122.1	154.7	152.6	118.3	85.3	95.6	155.2	145.2	126.4

WEST COAST GRID OPERATION



Generation Mix Profile for 19th JULY 2013

Gas	9,833 MWh
Hydro	1,597 MWh
MFO/Diesel	3,532 MWh
SREP	707 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,728.98 MWh	2,302.44 MWh	1,537.20 MWh	- MWh
IPP	1,802.90 MWh	7,530.53 MWh	59.52 MWh	- MWh
SREP	- MWh	- MWh	- MWh	707.49 MWh
TOTAL	3,531.89 MWh	9,832.97 MWh	1,596.72 MWh	707.49 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	11%	15%	10%	0%
IPP	12%	48%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	15,669.06			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	5%
GAS (SESB)	15%
GAS (IPP)	48%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

