

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (28th JUNE' 2013)	870 MW	836 MW	-3.92%
Maximum Energy (28th JUNE' 2013)	18.0 MW	15.8 GWh	-12.22%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

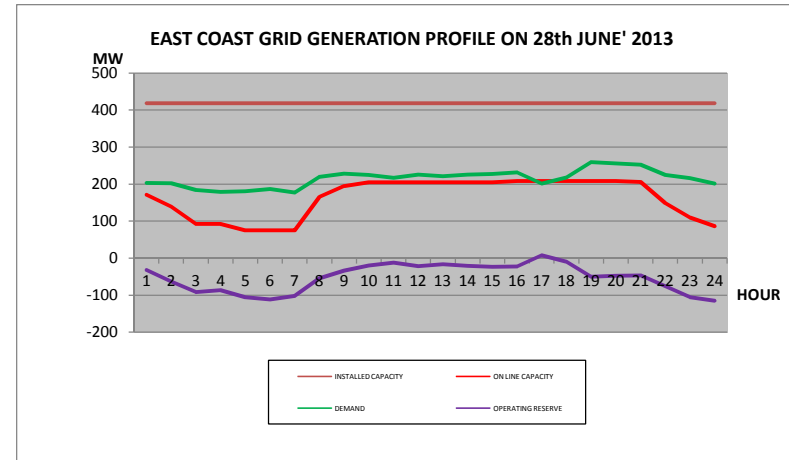
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

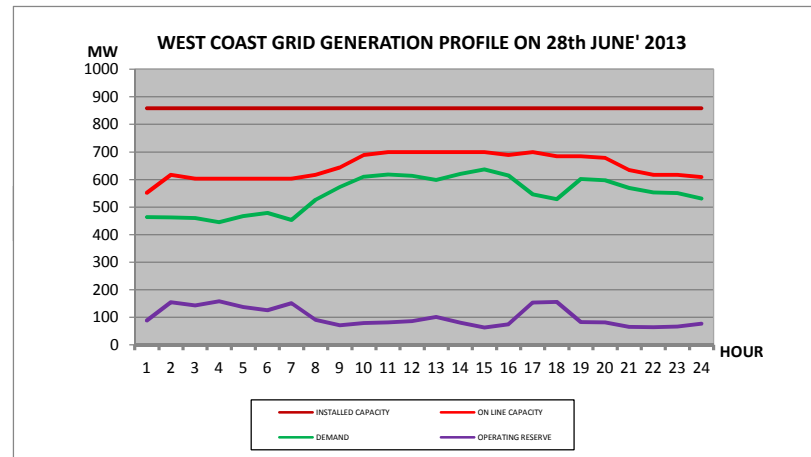
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		171	139	92	92	75	75	75	165	194	204.5	204.5	204.5	204.5	204.5	204.5	208.5	208.5	208.5	208.5	208.5	205.5	149	110	86
DEMAND		203.18	201.83	183.8	178.6	180.88	186.35	176.87	219.34	228.11	224.35	216.86	225.88	221.06	225.37	227.66	231.49	201.11	217.79	259.02	256.05	252.27	224.92	215.67	201.04
OPERATING RESERVE		-32.18	-62.83	-91.8	-86.6	-105.88	-111.35	-101.87	-54.34	-34.11	-19.85	-12.36	-21.38	-16.56	-20.87	-23.16	-22.99	7.39	-9.29	-50.52	-47.55	-46.77	-75.92	-105.67	-115.04

EAST COAST GRID OPERATION



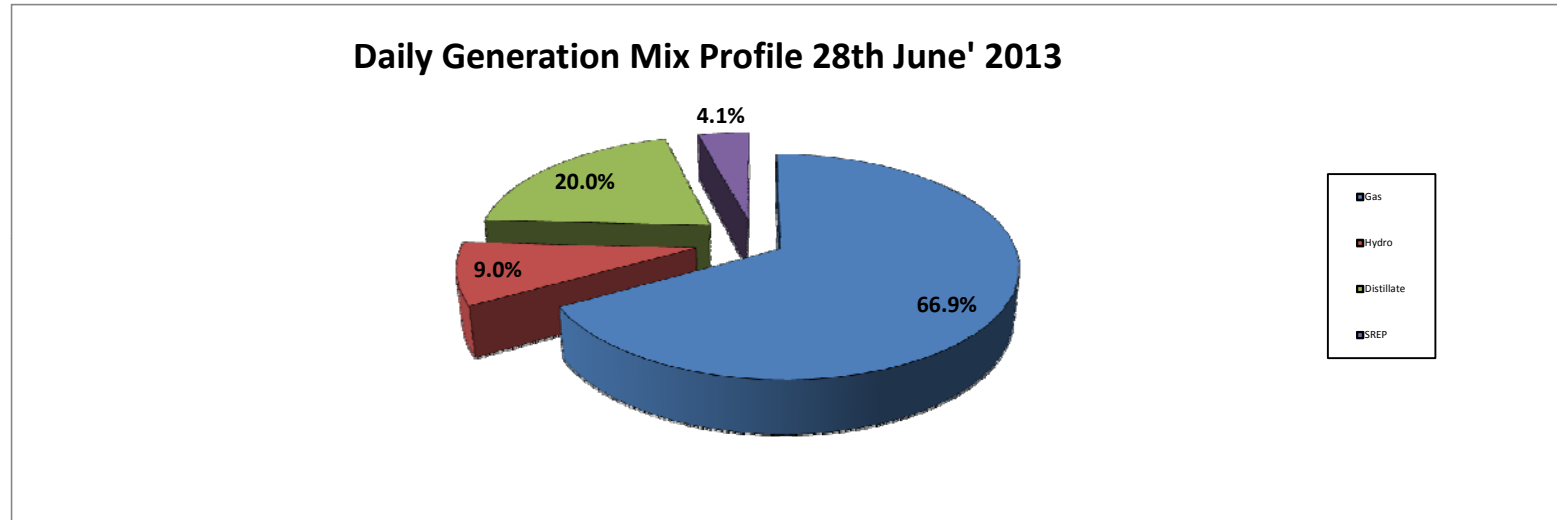
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		552	617	603.5	603.5	603.5	603.5	603.5	617	644	689	700	700	700	700	689	700	684.5	684.5	678	634	617	617	608.5	
DEMAND		464.1	462.7	460.2	445.4	466.8	478.4	452.6	526.7	572.8	610.1	618.2	613.5	598.5	619.9	637.1	614.8	546.5	528.4	601.6	596.7	569	552.7	550.4	531.4
OPERATING RESERVE		87.9	154.3	143.3	158.1	136.7	125.1	150.9	90.3	71.2	78.9	81.8	86.5	101.5	80.1	62.9	74.2	153.5	156.1	82.9	81.3	65	64.3	66.6	77.1

WEST COAST GRID OPERATION



Generation Mix Profile for 28th June 2013

Gas	10,745 MWh
Hydro	1,440 MWh
Distillate	3,216 MWh
SREP	662 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,423.80 MWh	1,633.70 MWh	1,408.20 MWh	- MWh
IPP	1,792.30 MWh	9,110.80 MWh	31.30 MWh	- MWh
SREP	- MWh	- MWh	MWh	662.20 MWh
TOTAL	3,216.10 MWh	10,744.50 MWh	1,439.50 MWh	662.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	10%	9%	0%
IPP	11%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,062.30			

DIST (IPP)	11%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	57%
HYDRO (SESB)	9%
HYDRO (IPP)	0%
total	100%

