

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (7th JULY' 2013)	730 MW	699 MW	-4.32%
Maximum Energy (7th JULY' 2013)	14.8 MW	13.2 GWh	-10.81%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

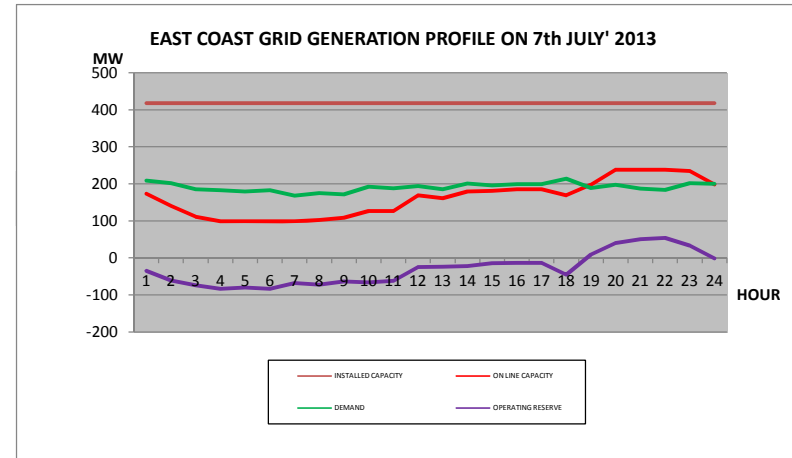
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

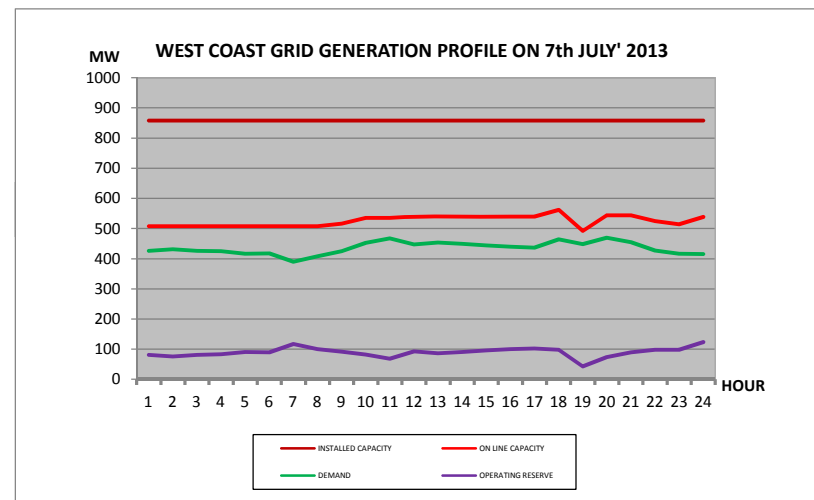
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		173	140	111	99	99	99	99	102	108	126	126	169	161	179	180.5	185.5	185.5	168.5	197.5	237.5	237.5	237.5	234.5	198
DEMAND		208.62	201.32	185.46	182.44	179.01	182.8	167.52	174.77	171.38	192.37	187.84	194.12	185.28	200.99	195.43	198.82	199.09	214.14	188.66	197.48	187.29	183.36	201.6	199.58
OPERATING RESERVE		-35.62	-61.32	-74.46	-83.44	-80.01	-83.8	-68.52	-72.77	-63.38	-66.37	-61.84	-25.12	-24.28	-21.99	-14.93	-13.32	-13.59	-45.64	8.84	40.02	50.21	54.14	32.9	-1.58

EAST COAST GRID OPERATION



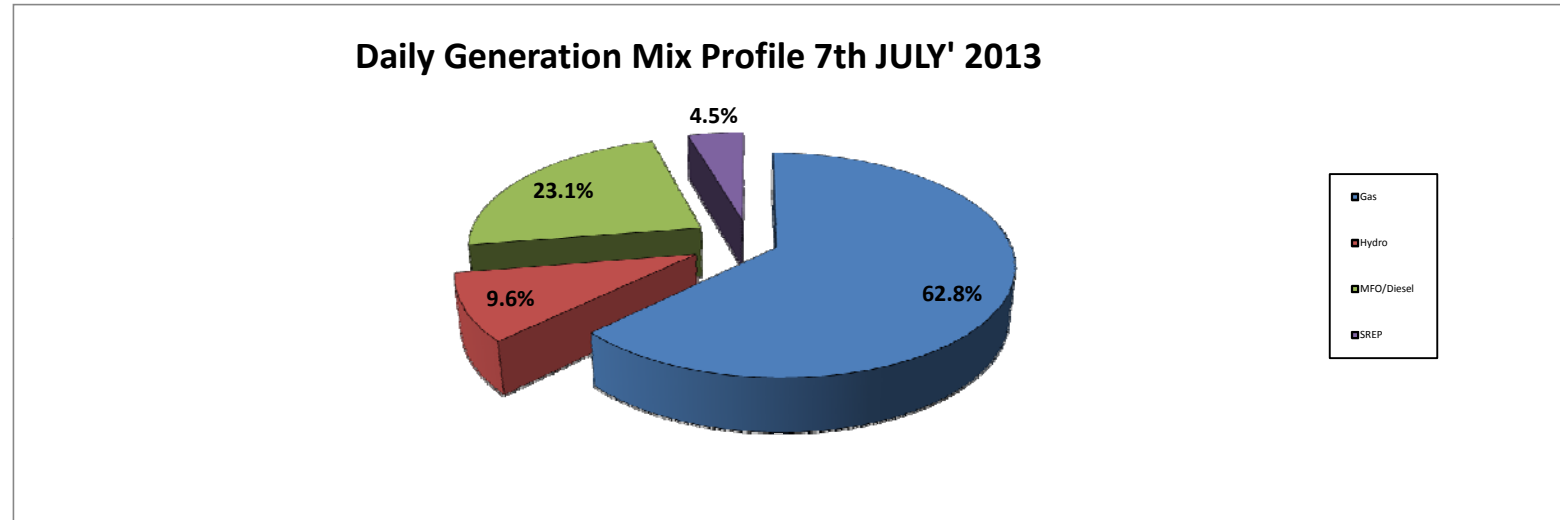
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		508	508	508	508	508	508	508	508	516.5	535.5	535.5	540	540	540	540	540	540	562	492	544	544	525	514	539
DEMAND		426.5	431.9	426.4	425.2	416.8	418	390.5	408.2	425	452.8	467.5	447.5	453.2	449.5	443.7	439.4	437.2	464.3	448.8	469.9	454.2	427	416.3	415.8
OPERATING RESERVE		81.5	76.1	81.6	82.8	91.2	90	117.5	99.8	91.5	82.7	68	92.5	86.8	90.5	96.3	100.6	102.8	97.7	43.2	74.1	89.8	98	97.7	123.2

WEST COAST GRID OPERATION



Generation Mix Profile for 7th JULY 2013

Gas	8,459 MWh
Hydro	1,295 MWh
MFO/Diesel	3,115 MWh
SREP	602 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,473.20 MWh	822.10 MWh	1,238.20 MWh	- MWh
IPP	1,641.40 MWh	7,636.90 MWh	56.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	601.60 MWh
TOTAL	3,114.60 MWh	8,459.00 MWh	1,294.70 MWh	601.60 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	11%	6%	9%	0%
IPP	12%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	13,469.90			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	6%
GAS (IPP)	57%
HYDRO (SESB)	9%
HYDRO (IPP)	0%
total	100%

