

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (22nd JULY' 2012)</b>	678 MW	709 MW	4.60%
<b>Maximum Energy (22nd JULY' 2012)</b>	13.8 GWh	13.5 GWh	-2.17%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

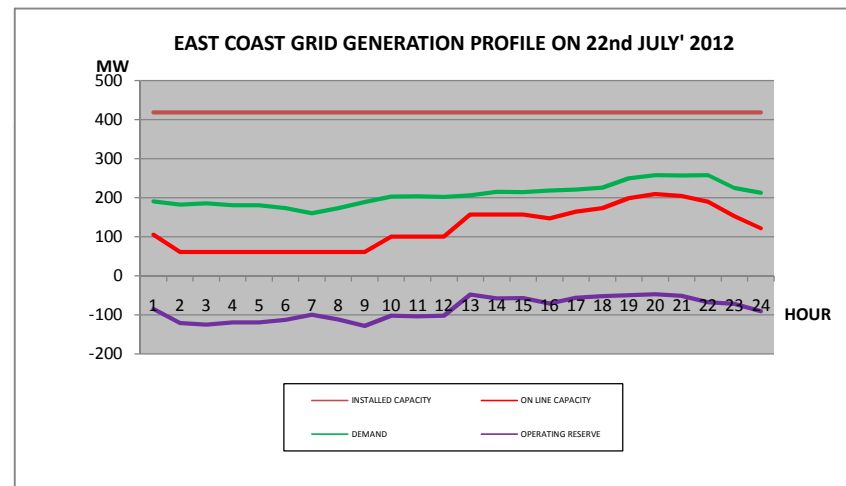
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Jul-12

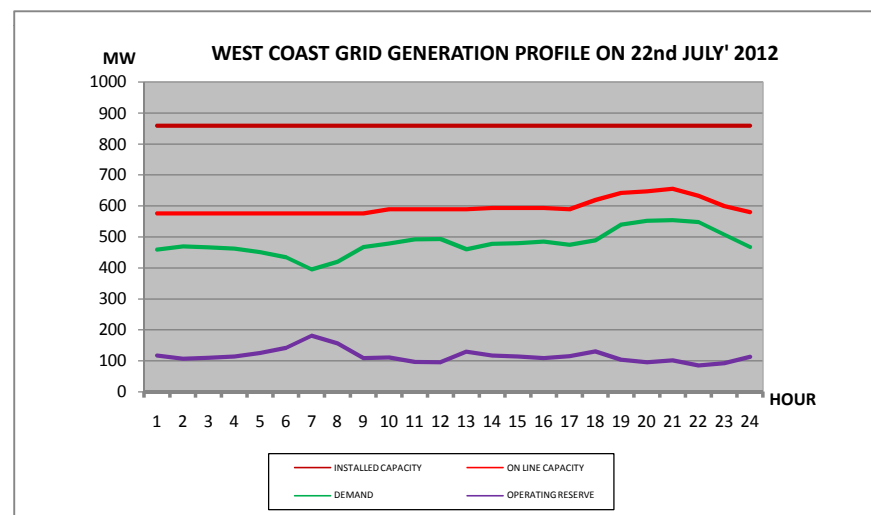
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		105	61	61	61	61	61	61	61	61	100	100	100	157	157	157	147	164	173	199	209.5	204.5	189.5	153	122	
<b>DEMAND</b>		190.39	181.85	185.63	180.39	180.26	173.54	160.27	173.03	189.13	202.27	203.43	201.98	205.72	214.9	214.36	217.79	220.59	225.39	248.9	257.06	256.16	257.17	225	212.64	
<b>OPERATING RESERVE</b>		-85.39	-120.85	-124.63	-119.39	-119.26	-112.54	-99.27	-112.03	-128.13	-102.27	-103.43	-101.98	-48.72	-57.9	-57.36	-70.79	-56.59	-52.39	-49.9	-47.56	-51.66	-67.67	-72	-90.64	
East Cost		12165.1	7637.66	7403.21	7580.79	7392.11	7281.2	7135.13	7178.31	6788.34	10396.4	10640.9	10748.6	16543	16298.8	16285.8	15410.2	16889	17004.6	20775.3	22657.6	23467.3	21941.3	17210.8	13508.6	398441

EAST COAST GRID OPERATION



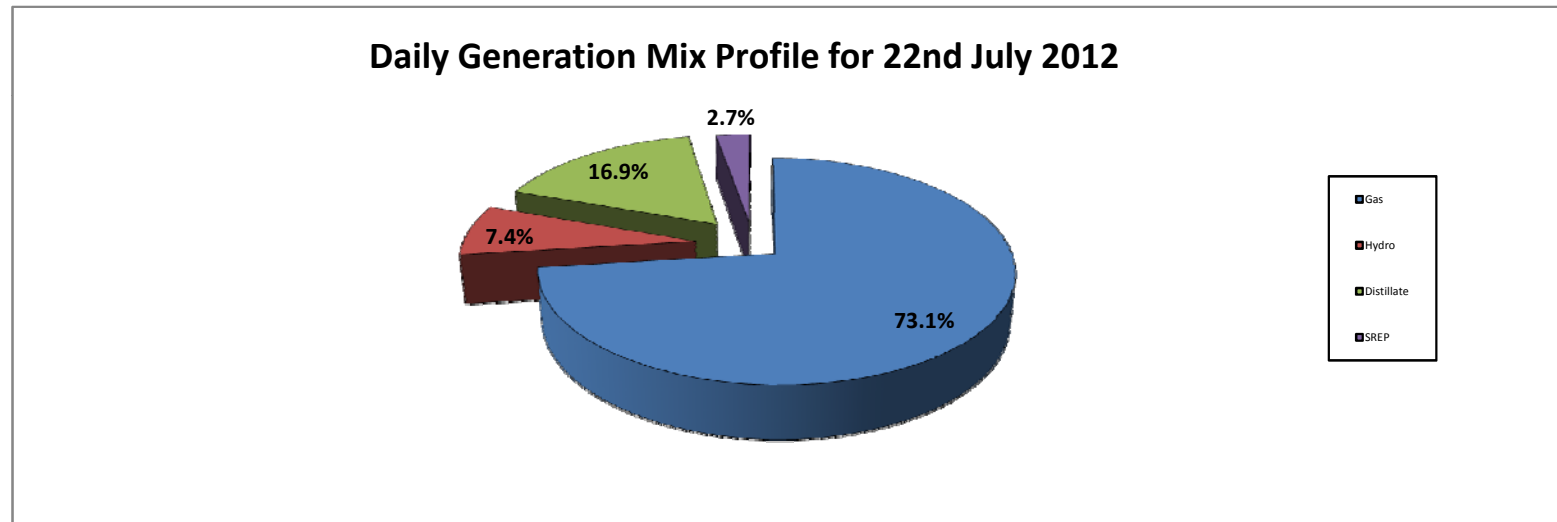
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>INSTALLED CAPACITY</b>		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
<b>ON LINE CAPACITY</b>		576	576	576	576	576	576	576	576	576	589	589	589	589	594	594	594	589.5	619.5	642.5	647	655.5	632.5	599.5	580.5
<b>DEMAND</b>		459.7	469.5	466.3	462	451.3	434.9	395.1	419.5	467.7	478.9	492.9	493.6	460.3	477.7	480.3	485	474.9	489.3	539.5	552.3	554.5	547.8	507.5	467.4
<b>OPERATING RESERVE</b>		116.3	106.5	109.7	114	124.7	141.1	180.9	156.5	108.3	110.1	96.1	95.4	128.7	116.3	113.7	109	114.6	130.2	103	94.7	101	84.7	92	113.1
West Cost		34059	34847	34597	34222	33372	31477	29310	30037	34476	36094	37181	37546	36100	37813	37798	38182	37808	39279	43274	44070	44439	43587	41649	37600

WEST COAST GRID OPERATION



**Generation Mix Profile for 22nd July 2012**

Gas	10,111 MWh
Hydro	1,024 MWh
Distillate	2,334 MWh
SREP	372 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	955.30 MWh	1,628.00 MWh	978.00 MWh	- MWh
IPP	1,379.10 MWh	8,482.60 MWh	45.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	371.50 MWh
<b>TOTAL</b>	<b>2,334.40 MWh</b>	<b>10,110.60 MWh</b>	<b>1,023.80 MWh</b>	<b>371.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	12%	7%	0%
IPP	10%	61%	0%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	13,840.30			

DIST (IPP)	10%
DIST (SESB)	7%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	61%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

