

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (28th JUNE' 2012)</b>	810 MW	759 MW	-6.30%
<b>Maximum Energy (28th JUNE' 2012)</b>	16.1 GWh	15.3 GWh	-4.97%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

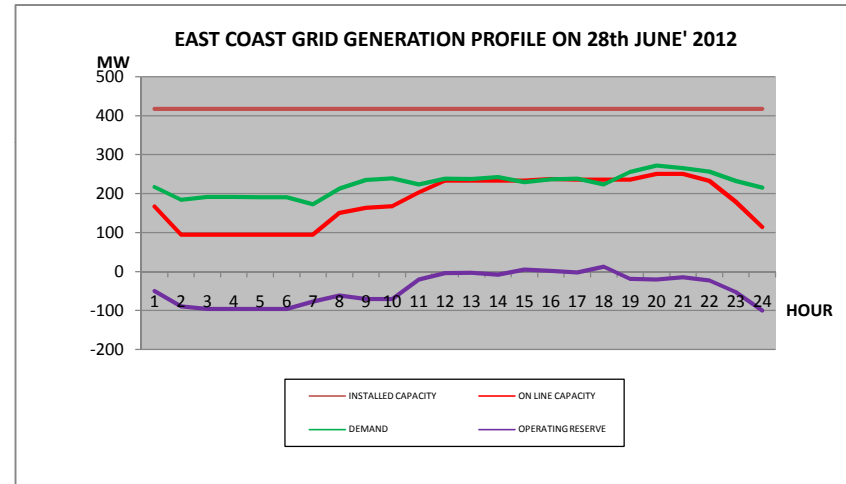
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Jul-12

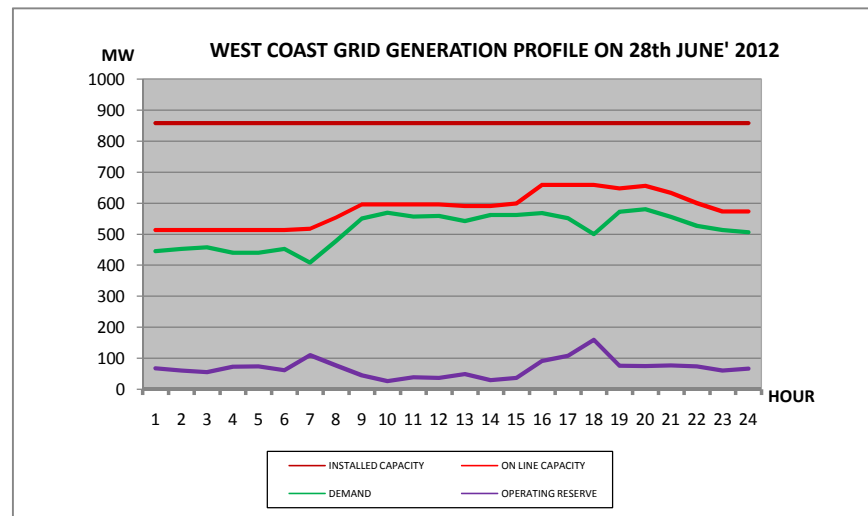
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		167	95	95	95	95	95	95	151.3	164.2	168.2	203.2	234.2	234.2	234.2	234.2	238.2	236.2	236.2	236.2	251.2	251.2	233.2	180	115	
<b>DEMAND</b>		217.22	184.15	191.25	191.06	190.81	190.72	172.5	212.63	234.47	238.57	223.39	238.09	237.4	242.34	228.94	236.66	238.26	223.58	255.27	271.8	265.52	256.35	232.64	215.2	
<b>OPERATING RESERVE</b>		-50.22	-89.15	-96.25	-96.06	-95.81	-95.72	-77.5	-61.33	-70.27	-70.37	-20.19	-3.89	-3.2	-8.14	5.26	1.54	-2.06	12.62	-19.07	-20.6	-14.32	-23.15	-52.64	-100.2	
East Cost		20855	11939	11715.8	11552.2	11743.9	10882.8	12132	18828.4	21908.6	23726.7	26253.6	29573.8	30056.7	31096.9	29854.2	29731.5	26775.8	27340.2	27785.9	27712.5	28118.3	26918.7	20609.5	13410.4	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>		513.5	513.5	513.5	513.5	513.5	513.5	518	554	595.6	595.6	595.6	595.6	591.1	591.1	599.1	659.1	659.1	659.1	648.1	655.5	633.5	600.5	573.5	573.5
<b>DEMAND</b>		445.8	452.6	457.9	440.6	439.9	452.1	408.3	477.3	550.5	569.1	557.1	559	542.1	561.4	561.8	567.9	551.4	499.7	572.1	580.4	556.1	526.6	513.2	506.5
<b>OPERATING RESERVE</b>		67.7	60.9	55.6	72.9	73.6	61.4	109.7	76.7	45.1	26.5	38.5	36.6	49	29.7	37.3	91.2	107.7	159.4	76	75.1	77.4	73.9	60.3	67
West Cost		34273	34813	34965	33407	33348	34342	31464	36097	42833	44562	43432	43531	42567	43994	43892	45409	44954	42605	44911	44729	42919	42070	39597	39405

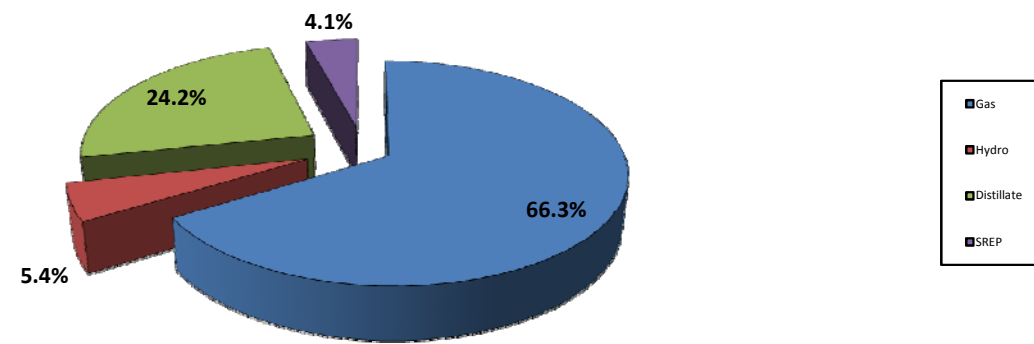
WEST COAST GRID OPERATION



**Generation Mix Profile for 28th June 2012**

Gas	10,453 MWh
Hydro	849 MWh
Distillate	3,815 MWh
SREP	653 MWh

**Daily Generation Mix Profile for 28th June 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,831.30 MWh	1,764.50 MWh	832.00 MWh	- MWh
IPP	1,983.80 MWh	8,688.00 MWh	16.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	653.30 MWh
<b>TOTAL</b>	<b>3,815.10 MWh</b>	<b>10,452.50 MWh</b>	<b>848.70 MWh</b>	<b>653.30 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	5%	0%
IPP	13%	55%	0%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,769.60			

DIST (IPP)	13%
DIST (SESB)	12%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	55%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 28th June' 2012**

