

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (23rd JUNE' 2012)</b>	700 MW	738 MW	5.43%
<b>Maximum Energy (23rd JUNE' 2012)</b>	14.8 GWh	14.8 GWh	0.00%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

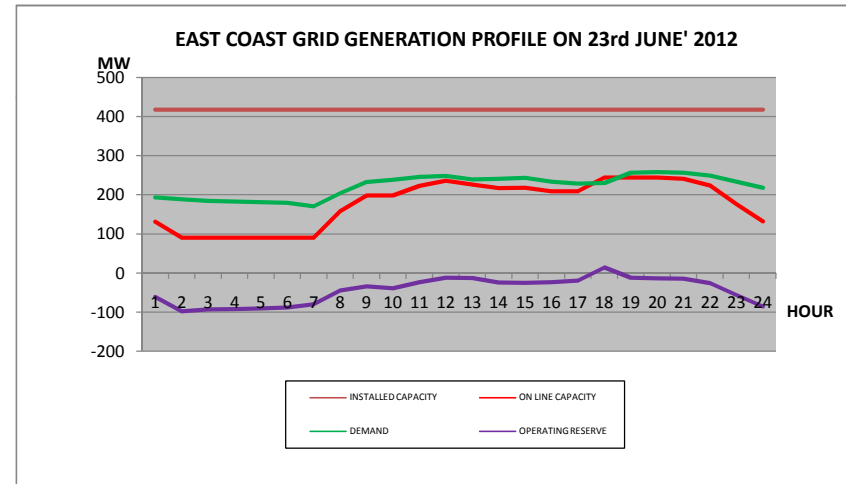
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

28-Jun-12

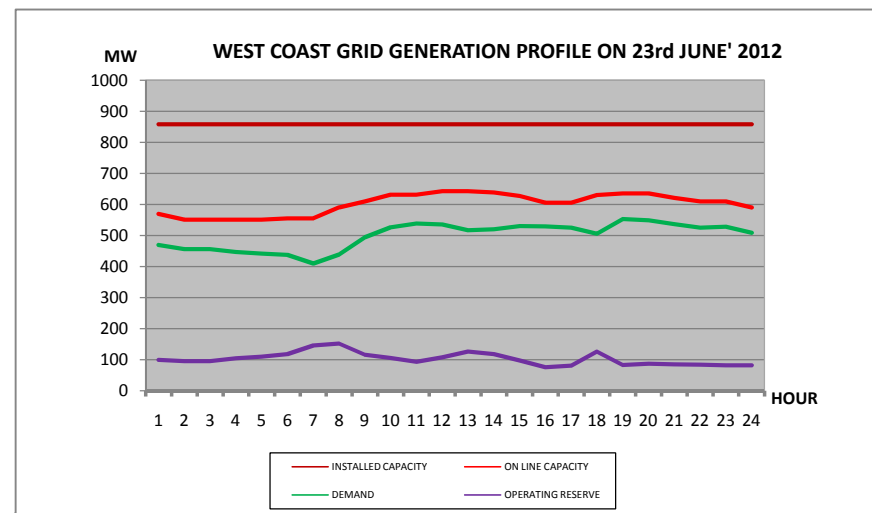
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		131	90	90	90	90	90	90	158	198.5	198.5	222.5	236.2	225.9	216.9	218.2	209.2	209.2	244.2	244.2	244.2	241.3	223.3	176.5	132	
<b>DEMAND</b>		192.8	188.32	183.8	182.38	180.99	178.84	169.97	203.46	233.12	238.22	246.31	248.75	239.48	241.35	243.55	233.2	228.67	230.5	256.46	258.32	256.48	249.37	233.15	217.67	
<b>OPERATING RESERVE</b>		-61.8	-98.32	-93.8	-92.38	-90.99	-88.84	-79.97	-45.46	-34.62	-39.72	-23.81	-12.55	-13.58	-24.45	-25.35	-24	-19.47	13.7	-12.26	-14.12	-15.18	-26.07	-56.65	-85.67	
East Cost		14000.7	10596.7	10151.1	10341.6	10118.1	10296.9	10496.9	17042.3	21171	21624.9	24967.8	26010.5	24784.7	24284.2	24164.7	23086.1	22809.9	25178.9	27866.3	27992.1	27397.6	24875.6	20973.9	15224.9	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>		569.5	551.5	551.5	551.5	551.5	556	556	591	610	632	632	643	643	638.5	627.5	605.5	605.5	631.1	635.6	635.6	621	610	610	591
<b>DEMAND</b>		469.7	456.2	456.6	447	441.6	437.8	410.2	439	494.1	526.4	538.8	535.3	516.7	520.6	530.1	529.8	525	505.3	553	548.9	536.3	525.6	527.9	509.3
<b>OPERATING RESERVE</b>		99.8	95.3	94.9	104.5	109.9	118.2	145.8	152	115.9	105.6	93.2	107.7	126.3	117.9	97.4	75.7	80.5	125.8	82.6	86.7	84.7	84.4	82.1	81.7
West Cost		36699	34643	34623	33849	33576	33219	31669	35537	40389	41787	42609	42620	41336	41886	42101	42318	41653	42456	45328	44979	43032	41627	41732	39928

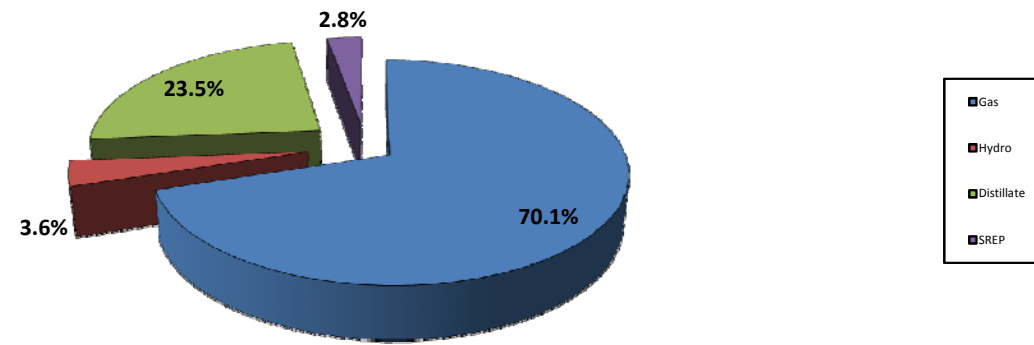
WEST COAST GRID OPERATION



**Generation Mix Profile for 23rd June 2012**

Gas	10,652 MWh
Hydro	553 MWh
Distillate	3,568 MWh
SREP	424 MWh

**Daily Generation Mix Profile for 23rd June 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,777.50 MWh	1,391.30 MWh	526.00 MWh	- MWh
IPP	1,790.10 MWh	9,260.90 MWh	27.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	423.50 MWh
<b>TOTAL</b>	<b>3,567.60 MWh</b>	<b>10,652.20 MWh</b>	<b>553.40 MWh</b>	<b>423.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	9%	3%	0%
IPP	12%	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>	15,196.70			

DIST (IPP)	12%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	9%
GAS (IPP)	61%
HYDRO (SESB)	3%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 23rd June' 2012**

