

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (19th JUNE' 2012)</b>	790 MW	812 MW	2.84%
<b>Maximum Energy (19th JUNE' 2012)</b>	15.7 GWh	15.6 GWh	-0.64%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

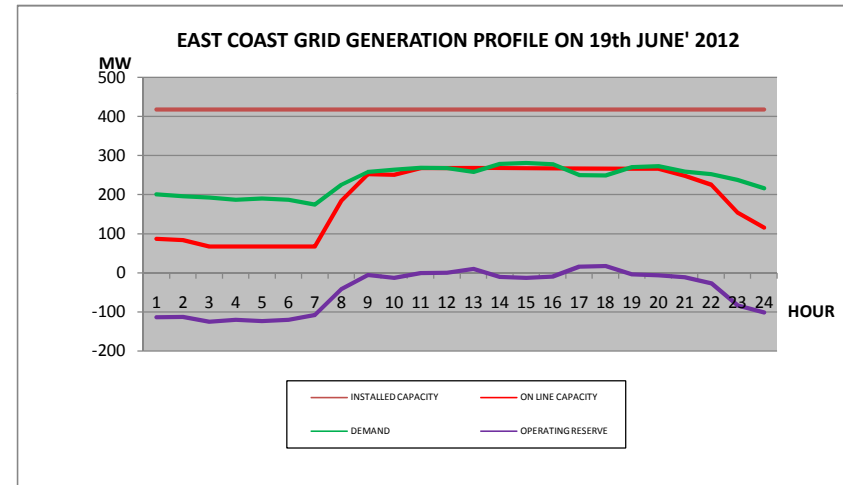
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

21-Jun-12

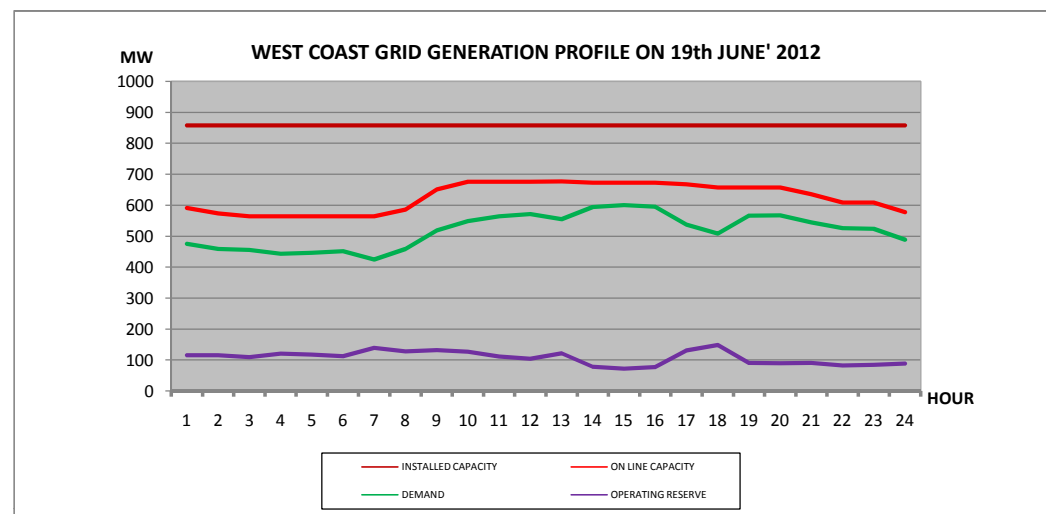
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		87	83	67	67	67	67	67	184	252.5	251	268	268	268	268	268	268	266	266	266	266	248	225	154	115	
<b>DEMAND</b>		200.94	195.37	192.01	187.03	190.11	186.71	174.41	225.12	257.76	263.58	268.4	267.37	257.65	278.12	280.77	277.6	249.96	248.46	269.8	272.6	259	251.8	237.6	216.19	
<b>OPERATING RESERVE</b>		-113.94	-112.37	-125.01	-120.03	-123.11	-119.71	-107.41	-41.12	-5.26	-12.58	-0.4	0.63	10.35	-10.12	-12.77	-9.6	16.04	17.54	-3.8	-6.6	-11	-26.8	-83.6	-101.19	
East Cost		11400.1	10742.5	9455.12	9548.86	9739.06	9634.68	9859.09	21563.7	29675.4	30526.6	33327	31728.8	31377	33102.7	32726.9	32046.4	28892.5	28705.2	30793.6	30480.9	28630.4	24782.3	18747.9	13689.8	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>		591	574	564.5	564.5	564.5	564.5	564.5	586.5	651	676.1	676.1	676.1	677.2	672.7	672.7	672.7	668.2	657.5	657.5	657.5	635.5	608.5	608.5	578
<b>DEMAND</b>		475.1	458.3	455.2	443.3	446.2	451.5	424.4	458.2	518.6	548.55	564.25	572.25	554.85	594.75	600.85	595.15	537.25	508.3	566.8	568	545	526.2	524	489
<b>OPERATING RESERVE</b>		115.9	115.7	109.3	121.2	118.3	113	140.1	128.3	132.4	127.55	111.85	103.85	122.35	77.95	71.85	77.55	130.95	149.2	90.7	89.5	90.5	82.3	84.5	89
West Cost		37816	35674	35058	34334	34440	34640	33111	35899	41261	44600	45535	45760	44861	47617	48003	47709	43699	40566	44706	44813	42264	39359	39111	34868

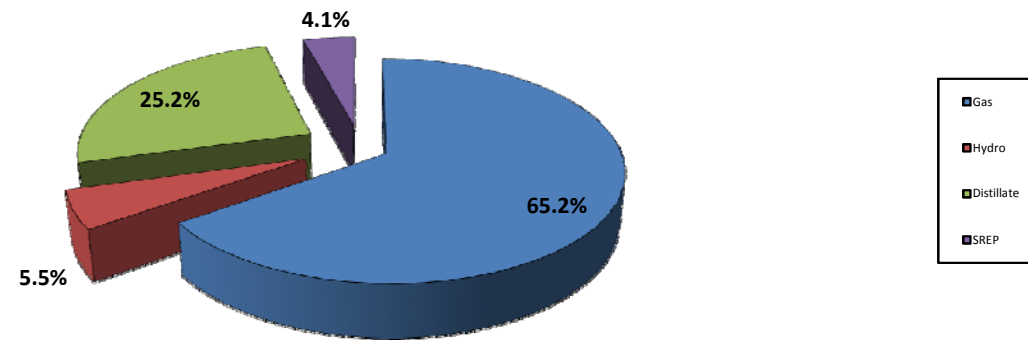
WEST COAST GRID OPERATION



**Generation Mix Profile for 19th June 2012**

Gas	10,465 MWh
Hydro	885 MWh
Distillate	4,040 MWh
SREP	665 MWh

**Daily Generation Mix Profile for 19th June 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,785.70 MWh	1,526.40 MWh	854.00 MWh	- MWh
IPP	2,254.10 MWh	8,938.50 MWh	30.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	664.50 MWh
<b>TOTAL</b>	<b>4,039.80 MWh</b>	<b>10,464.90 MWh</b>	<b>884.50 MWh</b>	<b>664.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	10%	5%	0%
IPP	14%	56%	0%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

**TOTALLY**

16,053.70

DIST (IPP)	14%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	56%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 19th June' 2012**

