

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (28th APRIL' 2012)</b>	700 MW	715 MW	2.14%
<b>Maximum Energy (28th APRIL' 2012)</b>	14.5 GWh	13.9 GWh	-4.14%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

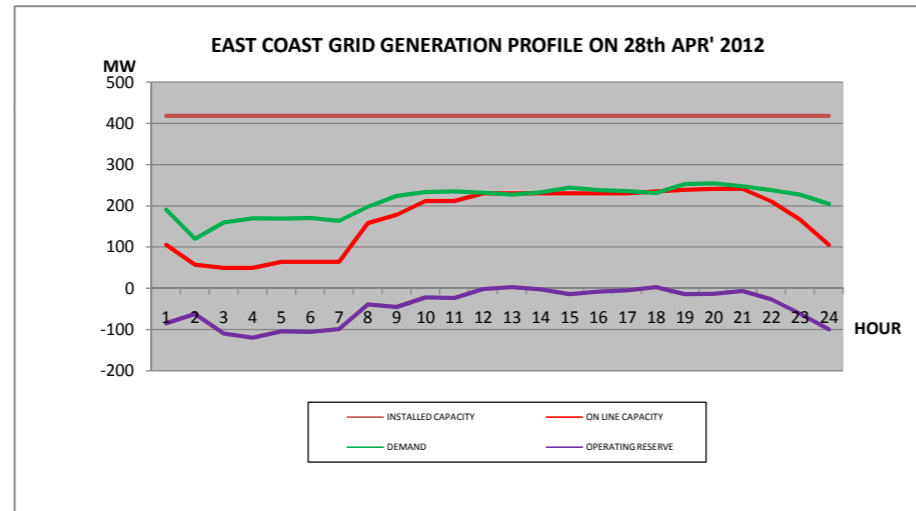
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

14-May-12

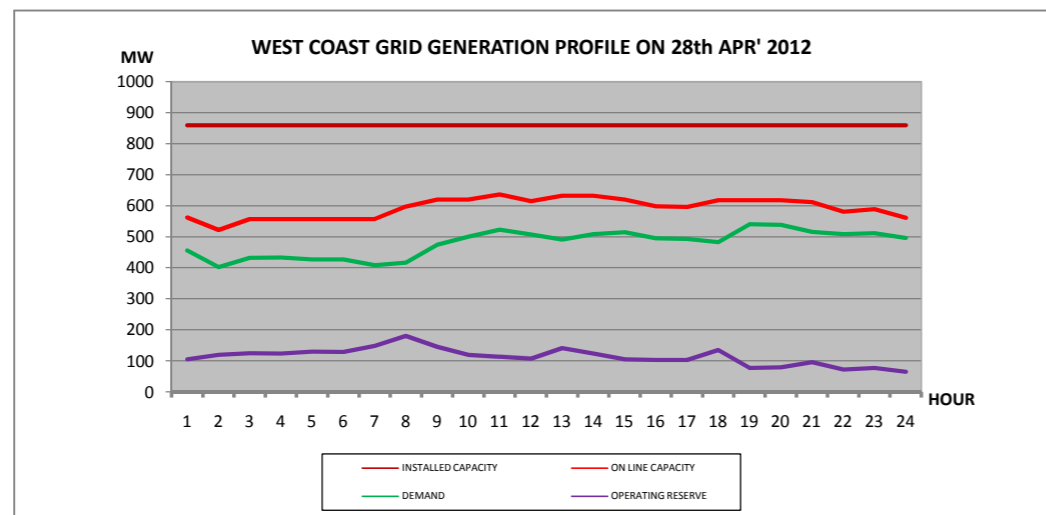
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		105	57	49	49	64	64	64	158	178.3	211.3	211.3	230.3	230.3	230.3	230.3	230.3	230.3	234.3	238.7	240.9	240.9	210.9	166	105	
<b>DEMAND</b>		190.56	119.63	159.45	169.27	168.59	170.59	163.48	197.3	224	233.53	234.9	232.11	227.54	232.91	244.34	238.08	235.6	231.45	252.86	254.58	247.3	238.03	227.56	204.97	
<b>OPERATING RESERVE</b>		-85.56	-62.63	-110.45	-120.27	-104.59	-106.59	-99.48	-39.3	-45.7	-22.23	-23.6	-1.81	2.76	-2.61	-14.04	-7.78	-5.3	2.85	-14.16	-13.68	-6.4	-27.13	-61.56	-99.97	
East Cost		10904.4	7587.73	6312.63	6301.42	7392.72	7506.33	7674.35	16735.8	19664.7	22742.6	22794.7	23532	23831.1	23387.9	23954.8	24148.1	23339.9	24110.5	26147.6	25136.3	25226.8	22884.1	17594.8	10756.8	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>		561.5	521.5	556.5	556.5	556.5	556.5	556.5	597	619	619	636	614	631.5	631.5	619.5	597.5	595.5	617.5	617.5	617.5	611	580	588.5	561
<b>DEMAND</b>		456.4	402.4	431.8	433.2	426.9	427.6	408.7	416.9	474	499.8	522.8	507.2	490.7	508.5	514.9	494.7	492.8	483	540.4	538.6	515.5	508.5	511.1	496.4
<b>OPERATING RESERVE</b>		105.1	119.1	124.7	123.3	129.6	128.9	147.8	180.1	145	119.2	113.2	106.8	140.8	123	104.6	102.8	102.7	134.5	77.1	78.9	95.5	71.5	77.4	64.6
West Cost		35076	31629	32026	32118	31643	31881	30524	33759	36605	37284	39452	39643	37782	38565	39030	38884	38625	39079	42752	42431	40684	40359	39314	36437

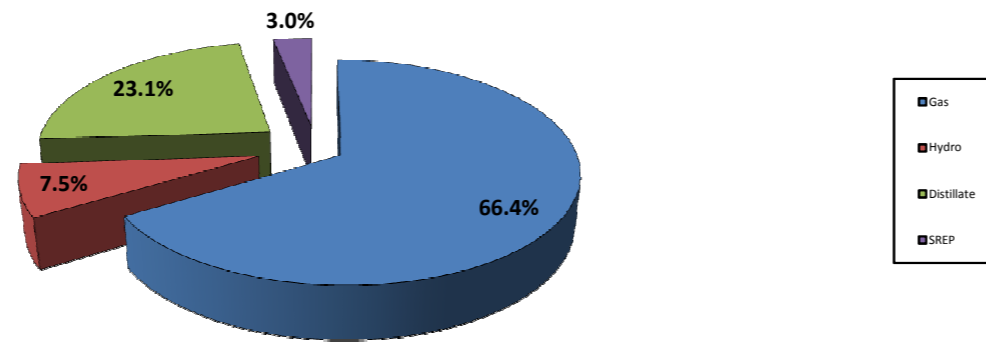
WEST COAST GRID OPERATION



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

Gas	9,572 MWh
Hydro	1,083 MWh
Distillate	3,325 MWh
SREP	432 MWh

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



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,507.50 MWh	1,687.00 MWh	1,020.00 MWh	- MWh
IPP	1,817.80 MWh	7,885.00 MWh	63.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	432.40 MWh
<b>TOTAL</b>	<b>3,325.30 MWh</b>	<b>9,572.00 MWh</b>	<b>1,083.20 MWh</b>	<b>432.40 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	12%	7%	0%
IPP	13%	55%	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>	14,412.90			

DIST (IPP)	13%
DIST (SESB)	10%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	55%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

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

