

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (18th APRIL' 2012)</b>	760 MW	747 MW	-1.71%
<b>Maximum Energy (18th APRIL' 2012)</b>	15.1 GWh	14.6 GWh	-3.31%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

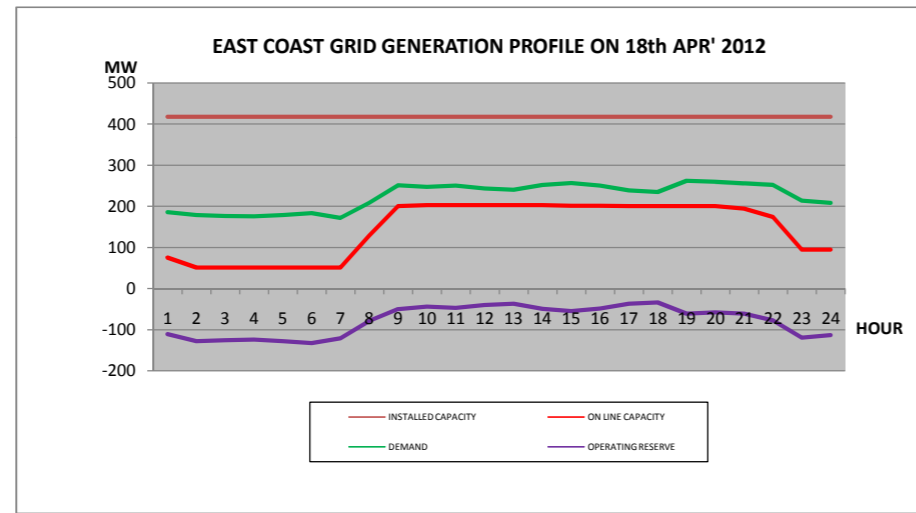
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Apr-12

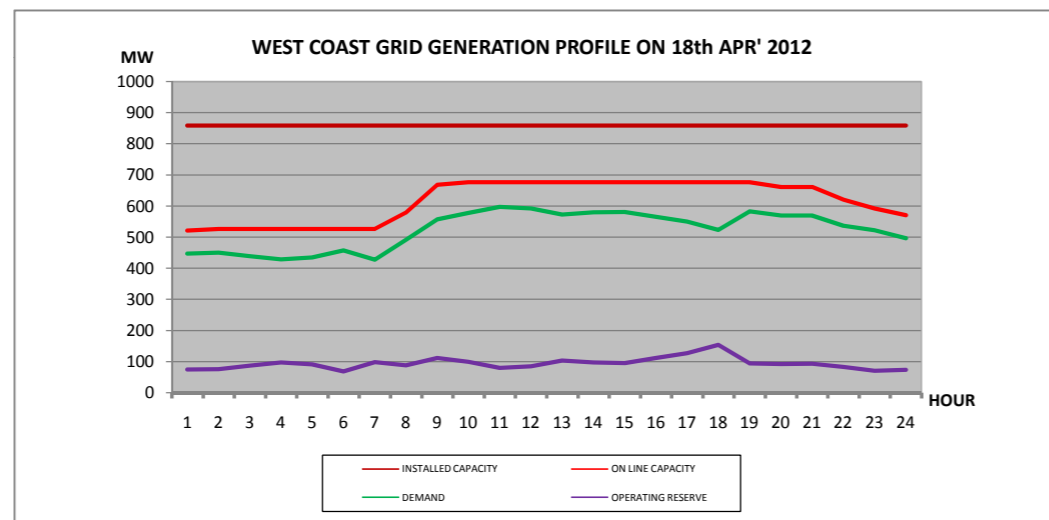
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		75	51	51	51	51	51	51	129	200.7	202.9	202.9	202.9	202.9	202.9	201.3	201.3	200.9	200.9	200.9	200.9	194.3	174	95	95	
<b>DEMAND</b>		185.55	178.77	176.57	175.37	178.6	183.52	171.81	208.36	250.99	247.4	250.5	243.5	240.6	252.3	256.49	250.14	238.35	235.19	262.05	259.37	255.67	251.87	214.01	208.11	
<b>OPERATING RESERVE</b>		-110.55	-127.77	-125.57	-124.37	-127.6	-132.52	-120.81	-79.36	-50.29	-44.5	-47.6	-40.6	-37.7	-49.4	-55.19	-48.84	-37.45	-34.29	-61.15	-58.47	-61.37	-77.87	-119.01	-113.11	
East Cost		8127.53	5661.98	5561.13	5617.27	5662.09	5639.57	5773.01	12986.4	21717.9	23546.5	23485.9	22631.9	22816.8	23086.2	22576.2	22960.2	21784.9	20661.6	22008.7	22658	21250	18558.7	9220.12	8123.11	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>		521	526	526	526	526	526	526	578.5	668.7	676.7	676.7	676.7	676.7	676.7	676.7	676.7	676.7	676.7	676.7	661.5	661.5	619.5	592	570
<b>DEMAND</b>		446.8	450.1	439.3	428.5	434.5	457.5	427.5	490.8	557.45	577.25	597.05	591.65	572.75	579.45	580.95	565.18	549.85	522.75	582.35	569.2	568.8	536.7	521.6	496.2
<b>OPERATING RESERVE</b>		74.2	75.9	86.7	97.5	91.5	68.5	98.5	87.7	111.25	99.45	79.65	85.05	103.95	97.25	95.75	111.52	126.85	153.95	94.35	92.3	92.7	82.8	70.4	73.8
West Cost		35149	33759	33194	32522	32890	34254	32620	37576	44325	46265	47425	46897	45834	46387	46040	44968	43776	42152	46198	44204	44078	40417	37870	34813

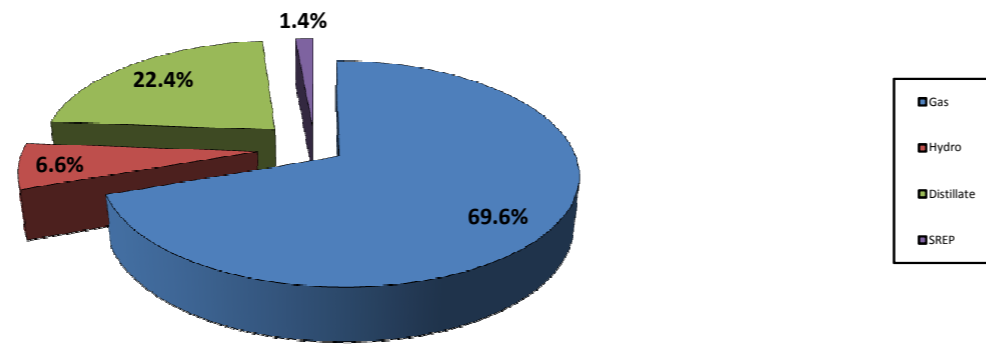
WEST COAST GRID OPERATION



**Generation Mix Profile for 18th April 2012**

Gas	10,527 MWh
Hydro	990 MWh
Distillate	3,382 MWh
SREP	216 MWh

**Daily Generation Mix Profile for 18th April 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,692.45 MWh	1,631.70 MWh	891.00 MWh	- MWh
IPP	1,689.23 MWh	8,895.60 MWh	99.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	216.00 MWh
<b>TOTAL</b>	<b>3,381.68 MWh</b>	<b>10,527.30 MWh</b>	<b>990.20 MWh</b>	<b>216.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	6%	0%
IPP	11%	59%	1%	0%
SREP	0%	0%	0%	1%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,115.18			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	1%
GAS (SESB)	11%
GAS (IPP)	59%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

**GENERATION MIX SESB-IPP-SREP 18th APR' 2012**

