

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (12th JULY' 2012)</b>	780 MW	750 MW	-3.81%
<b>Maximum Energy (12th JULY' 2012)</b>	15.5 GWh	14.7 GWh	-5.16%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

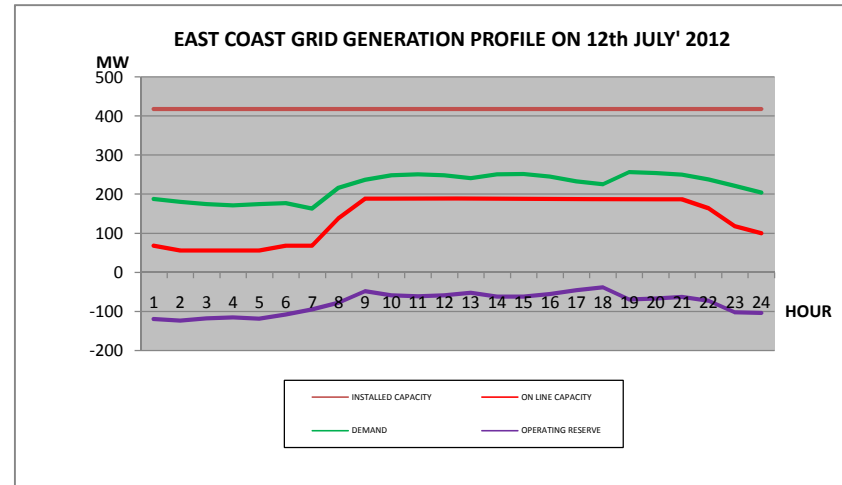
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

19-Jul-12

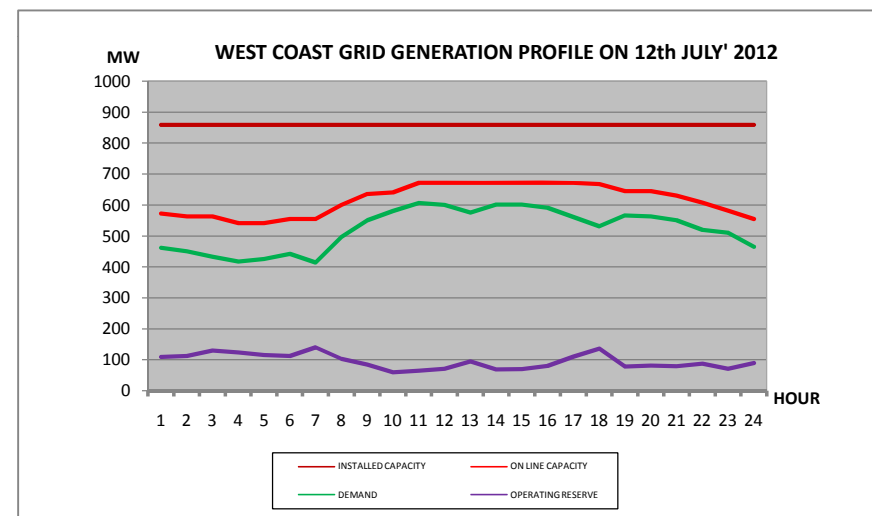
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		68	56	56	56	56	68	68	139	188.7	188.7	188.7	188.7	188.7	188.7	188.7	188.7	186.7	186.7	186.7	186.7	186.7	164.3	118	100	
<b>DEMAND</b>		187.66	179.85	174.21	171.52	174.66	176.58	163.09	216.41	236.8	247.92	250.1	247.73	241	250.69	251.2	244.63	232.82	225.04	256.18	254.05	249.56	237.3	220.78	204.29	
<b>OPERATING RESERVE</b>		-119.66	-123.85	-118.21	-115.52	-118.66	-108.58	-95.09	-77.41	-48.1	-59.22	-61.4	-59.03	-52.3	-61.99	-62.5	-55.93	-46.12	-38.34	-69.48	-67.35	-62.86	-73	-102.78	-104.29	
East Cost		9643.77	8418.9	8281.36	8101.32	8143.82	8360.2	8597.44	16505.9	21504.9	24841.5	24081.6	24277.8	23726.8	24333.2	24393.4	23657.2	22916.8	22556.5	23991.9	23902	23678.5	21154.9	14816.5	12831.6	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>		572	563.5	563.5	541.5	541.5	555	555	600.5	635.1	641.2	671.7	671.7	671.7	671.7	671.7	671.7	671.7	667.2	645.2	645.2	630	608	581.5	555
<b>DEMAND</b>		462.6	451.1	433.8	417.6	426.4	442.4	414.7	497.7	551.15	581.55	607.05	600.65	576.45	602.35	602.05	591.15	561.35	531.25	567.05	563.95	550.9	520.6	510.4	465.6
<b>OPERATING RESERVE</b>		109.4	112.4	129.7	123.9	115.1	112.6	140.3	102.8	83.95	59.65	64.65	71.05	95.25	69.35	69.65	80.55	110.35	135.95	78.15	81.25	79.1	87.4	71.1	89.4
West Cost		34195	32861	32476	32305	32850	32995	31293	39609	45041	47216	47721	47427	45837	47503	47485	46682	44963	43296	47115	46814	44938	42110	39883	35001

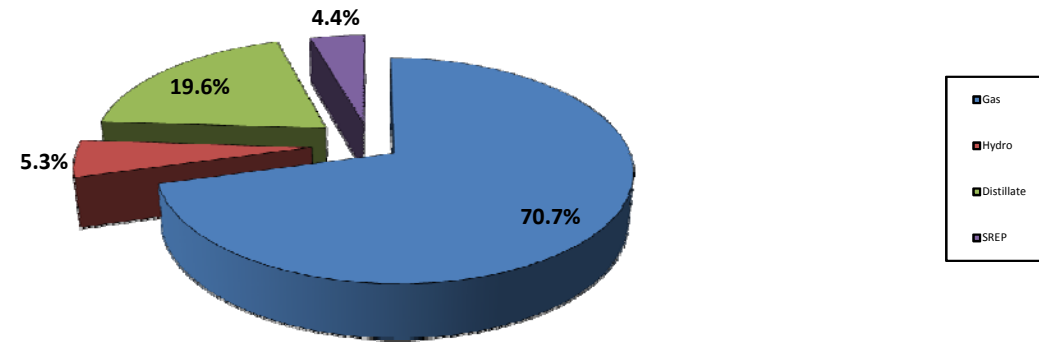
WEST COAST GRID OPERATION



**Generation Mix Profile for 12th July 2012**

Gas	10,738 MWh
Hydro	808 MWh
Distillate	2,970 MWh
SREP	670 MWh

**Daily Generation Mix Profile for 12th July 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,664.40 MWh	1,309.20 MWh	774.00 MWh	- MWh
IPP	1,305.20 MWh	9,428.50 MWh	33.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	669.70 MWh
<b>TOTAL</b>	<b>2,969.60 MWh</b>	<b>10,737.70 MWh</b>	<b>807.90 MWh</b>	<b>669.70 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	9%	5%	0%
IPP	9%	62%	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>	15,184.90			

DIST (IPP)	9%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	62%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 12th July' 2012**

