

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (2nd JULY' 2012)	810 MW	796 MW	-1.73%
Maximum Energy (2nd JULY' 2012)	16.1 GWh	15.4 GWh	-4.35%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

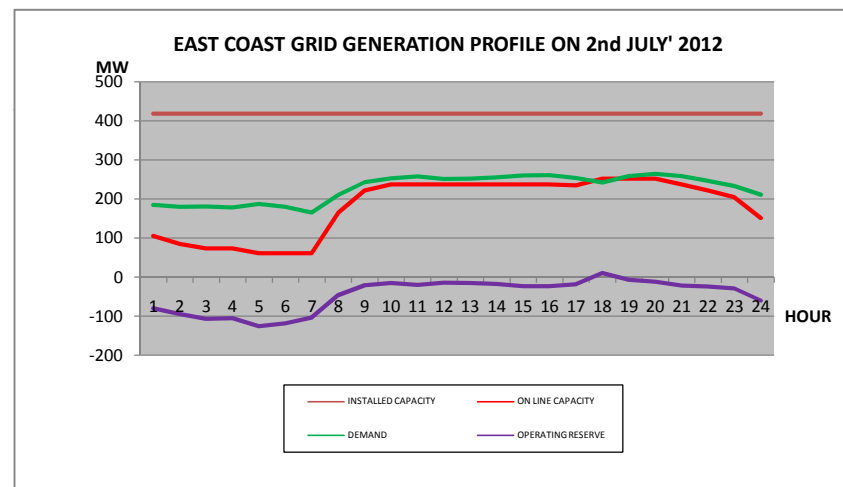
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Jul-12

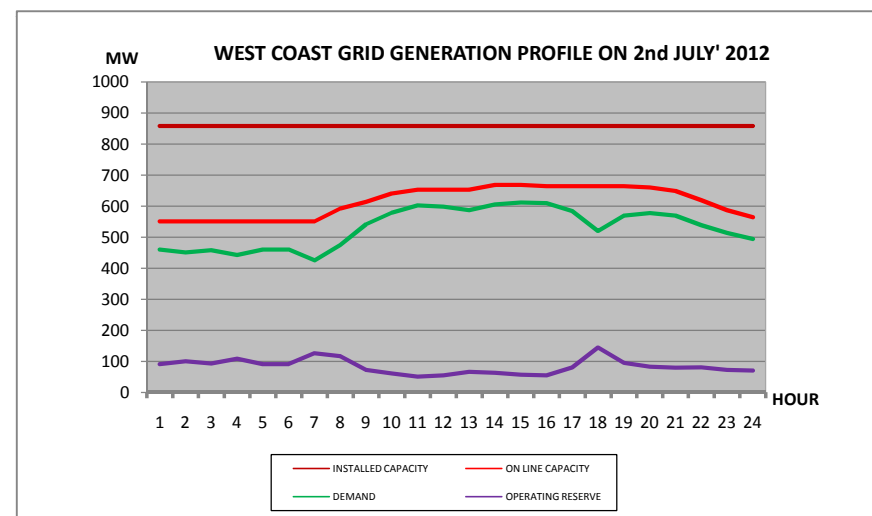
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		105	85	73	73	61	61	61	164	222.2	237.2	237.2	237.2	237.2	237.2	237.2	237.2	235.2	252.2	252.2	252.2	237.2	222.2	204.3	151	
<b>DEMAND</b>		184.97	179.9	180.61	178.62	187.3	180.08	165.21	210.48	243.04	252.68	257.46	251.34	252.2	255.11	260.28	260.8	253.86	241.9	258.86	264.38	258.66	246.6	233.61	211.5	
<b>OPERATING RESERVE</b>		-79.97	-94.9	-107.61	-105.62	-126.3	-119.08	-104.21	-46.48	-20.84	-15.48	-20.26	-14.14	-15	-17.91	-23.08	-23.6	-18.66	10.3	-6.66	-12.18	-21.46	-24.4	-29.31	-60.5	
East Cost		11120.6	9572.03	8236.59	8290.41	6885.03	6891.57	7423.98	17867.3	26126.6	27623.4	27166.1	26790.6	27009.8	27272.8	27444.3	27477.5	25058	26227.1	28258.4	27643.7	25971.3	25518.3	23324.7	17626.7	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>		551.5	551.5	551.5	551.5	551.5	551.5	551.5	592.5	614.5	640.7	653.2	653.2	653.2	668.7	668.7	664.2	664.2	664.2	664.2	660	649	619	587	565
<b>DEMAND</b>		460.5	450.8	458.8	443.3	460	460	425.4	475.2	541.5	579.05	602.35	597.75	586.65	605.25	611.55	609.45	583.75	519.55	569.25	577.6	569	538.4	514	494.6
<b>OPERATING RESERVE</b>		91	100.7	92.7	108.2	91.5	91.5	126.1	117.3	73	61.65	50.85	55.45	66.55	63.45	57.15	54.75	80.45	144.65	94.95	82.4	80	80.6	73	70.4
West Cost		35109	34168	34665	33560	34896	34904	32390	38189	43433	45844	47930	47563	46613	48526	49343	49182	47028	43054	46719	46250	45603	42362	39331	39583

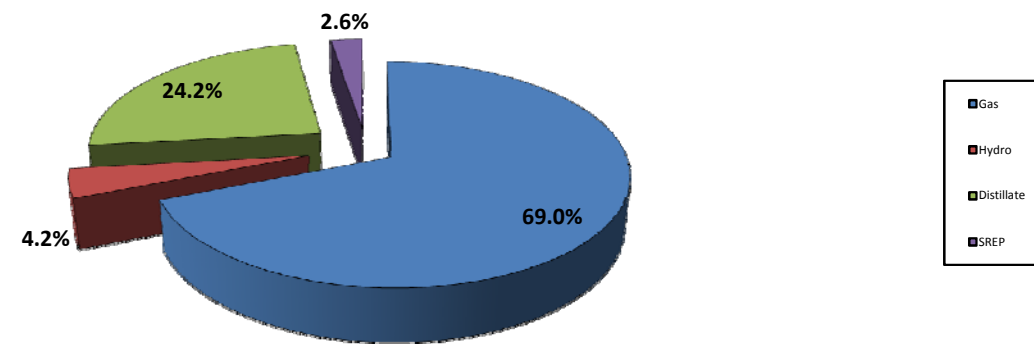
WEST COAST GRID OPERATION



**Generation Mix Profile for 2nd July 2012**

Gas	11,086 MWh
Hydro	670 MWh
Distillate	3,895 MWh
SREP	412 MWh

**Daily Generation Mix Profile for 2nd July 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,860.50 MWh	1,683.00 MWh	655.00 MWh	- MWh
IPP	2,034.30 MWh	9,402.70 MWh	14.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	412.40 MWh
<b>TOTAL</b>	<b>3,894.80 MWh</b>	<b>11,085.70 MWh</b>	<b>669.80 MWh</b>	<b>412.40 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	10%	4%	0%
IPP	13%	59%	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>	16,062.70			

DIST (IPP)	13%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	10%
GAS (IPP)	59%
HYDRO (SESB)	4%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 2nd July' 2012**

