

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (11th JULY' 2012)</b>	780 MW	752 MW	-3.59%
<b>Maximum Energy (11th JULY' 2012)</b>	15.6 GWh	14.7 GWh	-5.77%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

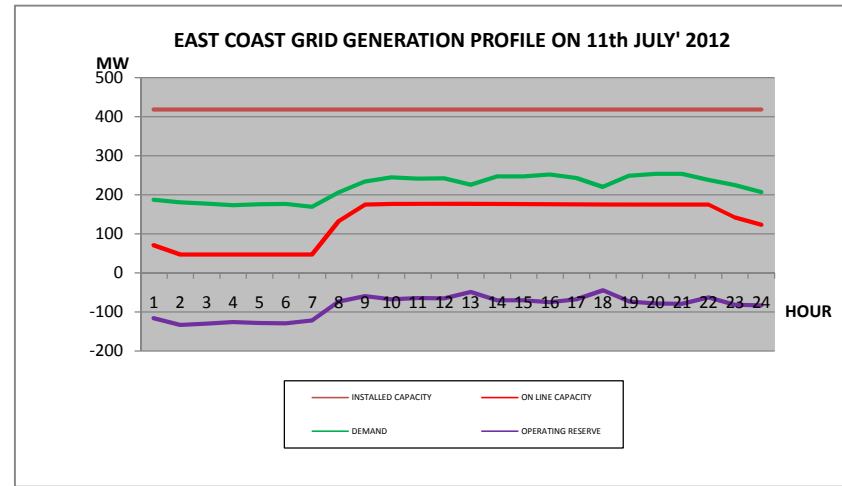
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

19-Jul-12

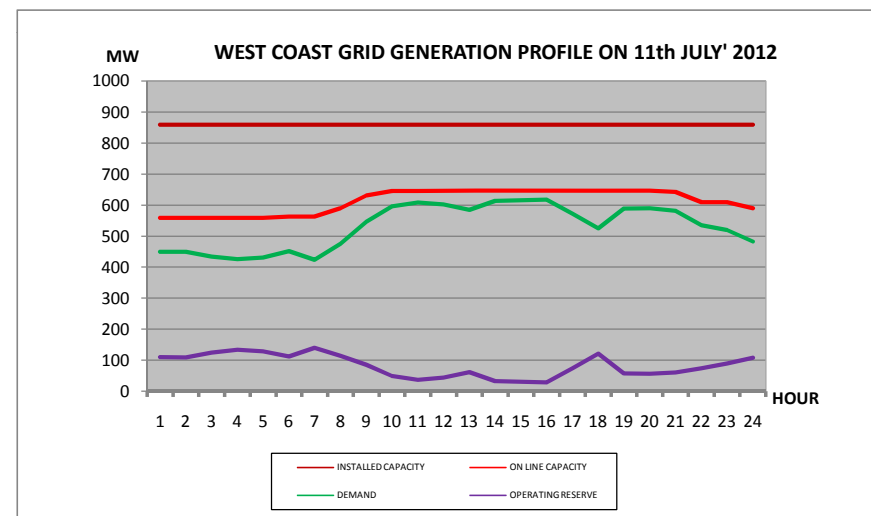
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		71	47	47	47	47	47	47	132	174.7	176.7	176.7	176.7	176.7	176.7	176.7	176.7	174.7	174.7	174.7	174.7	174.7	142.5	123		
<b>DEMAND</b>		187.26	180.64	177.2	172.84	175.61	176.32	168.8	205.71	233.94	244.67	241.09	242.49	226.03	246.92	247.01	251.84	242.59	219.55	248.72	253.44	253.68	237.93	224.62	206.58	
<b>OPERATING RESERVE</b>		-116.26	-133.64	-130.2	-125.84	-128.61	-129.32	-121.8	-73.71	-59.24	-67.97	-64.39	-65.79	-49.33	-70.22	-70.31	-75.14	-67.89	-44.85	-74.02	-78.74	-78.98	-63.23	-82.12	-83.58	
East Cost		10000.6	7336	7324.8	7378.5	7368.46	6913.32	7379.66	16947.4	21512.1	22493.6	22552.4	22524	21324.9	23281	23514.9	22956.9	21509.9	20891.7	22423	22796.1	22347.3	22050.8	17563.5	15640.7	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>		559	559	559	559	559	563.5	563.5	590	631	645.6	645.6	646.2	646.2	646.2	646.2	646.2	646.2	646.2	646.2	646.2	642	609	609	590
<b>DEMAND</b>		449.3	449.7	434.2	425.3	430.7	451	423.5	475.3	545.8	595.8	608.2	601.75	584.65	613.45	615.85	617.45	572.55	524.55	588.55	589.85	581.7	535.3	519.1	482.2
<b>OPERATING RESERVE</b>		109.7	109.3	124.8	133.7	128.3	112.5	140	114.7	85.2	49.8	37.4	44.45	61.55	32.75	30.35	28.75	73.65	121.65	57.65	56.35	60.3	73.7	89.9	107.8
West Cost		33246	33274	32166	32089	32556	33671	32442	36565	43068	47450	48441	47801	46470	49095	49363	49469	45746	43457	47164	47307	45996	41761	40472	36787

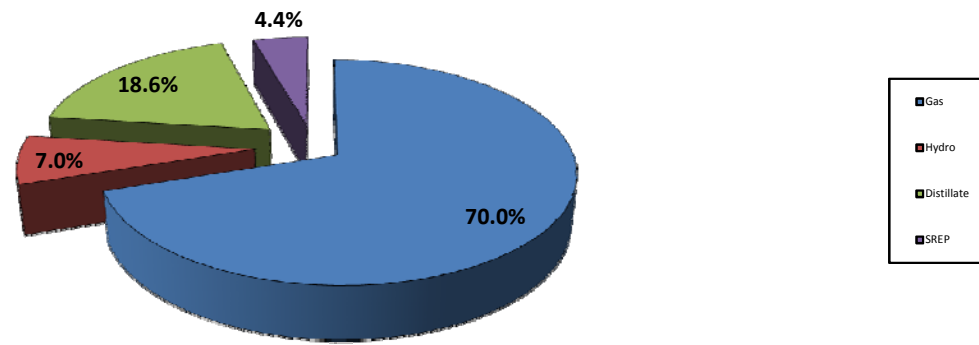
WEST COAST GRID OPERATION



**Generation Mix Profile for 11th July 2012**

Gas	10,632 MWh
Hydro	1,065 MWh
Distillate	2,830 MWh
SREP	668 MWh

**Daily Generation Mix Profile for 11th July 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,672.05 MWh	1,071.20 MWh	1,030.00 MWh	- MWh
IPP	1,158.40 MWh	9,560.60 MWh	34.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	668.30 MWh
<b>TOTAL</b>	<b>2,830.45 MWh</b>	<b>10,631.80 MWh</b>	<b>1,064.70 MWh</b>	<b>668.30 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	7%	7%	0%
IPP	8%	63%	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>	15,195.25			

DIST (IPP)	8%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	7%
GAS (IPP)	63%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 11th July' 2012**

