

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (27th JAN' 2013)	720 MW	711 MW	-1.19%
Maximum Energy (27th JAN 2013)	14.9 MW	13.6 GWh	-8.72%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

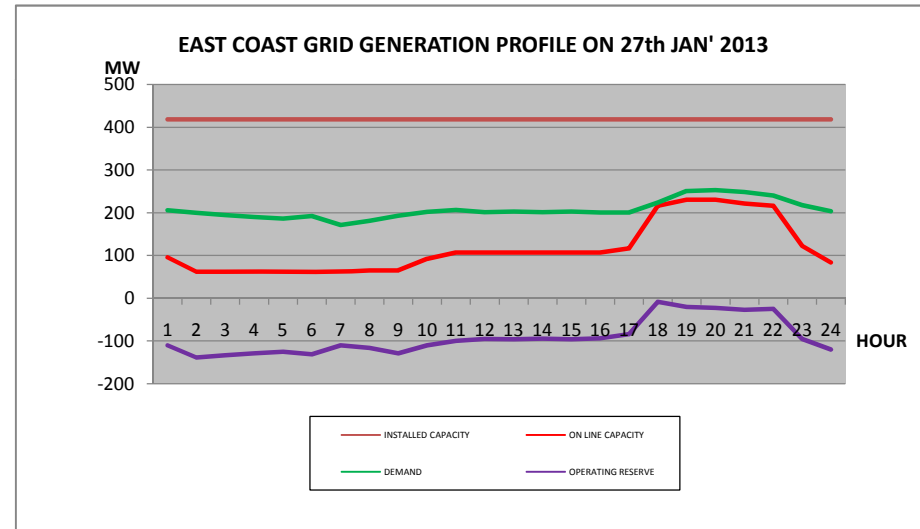
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

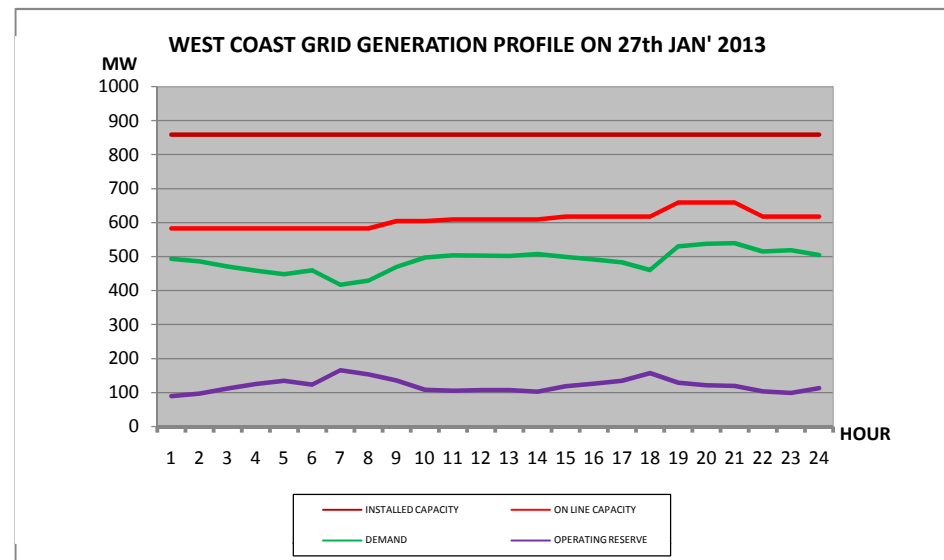
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
<b>ON LINE CAPACITY</b>		96	62	62	62	62	62	62	65	65	92	107	107	107	107	107	107	117	216	230.5	230.5	221.5	216	123	84
<b>DEMAND</b>		205.67	200.21	194.68	190.55	186.61	192.8	171.56	181.06	193.2	202.04	206.54	201.72	202.81	201.38	202.85	200.27	200.3	223.86	250.39	252.82	248.1	240.5	217.57	203.78
<b>OPERATING RESERVE</b>		-109.67	-138.21	-132.68	-128.55	-124.61	-130.8	-109.56	-116.06	-128.2	-110.04	-99.54	-94.72	-95.81	-94.38	-95.85	-93.27	-83.3	-7.86	-19.89	-22.32	-26.6	-24.5	-94.57	-119.78
East Cost		11524.3	8042.28	8049.51	7976.28	8121.65	8104.73	8159.72	8213.56	7901.59	10051.4	11384.8	11210.4	11248.1	11303	11021.8	11962.1	13694.3	22704	26788.9	26738.9	24916.9	23579.2	14645.1	11116.9

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>		582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5	604.5	604.5	609	609	609	609	617.5	617.5	617.5	617.5	658.5	658.5	658.5	617.5	617.5	617.5
<b>DEMAND</b>		493.5	485.8	470.7	458	448.3	459.2	416.9	429.4	469.6	496.5	503.5	502.2	501.7	507	499	491.3	482.9	460.2	529.5	537.8	539.3	514.5	518.6	504.6
<b>OPERATING RESERVE</b>		89	96.7	111.8	124.5	134.2	123.3	165.6	153.1	134.9	108	105.5	106.8	107.3	102	118.5	126.2	134.6	157.3	129	120.7	119.2	103	98.9	112.9
West Cost		37853.3	37395.5	36612.3	35636.9	34937	35757.7	32655.8	33873.8	35502.9	37288.5	38239.4	38106.6	38095	38189.2	38061.8	37702	37168.9	35493	42589.8	43032.2	42645.8	38834.5	39208.6	38272.6

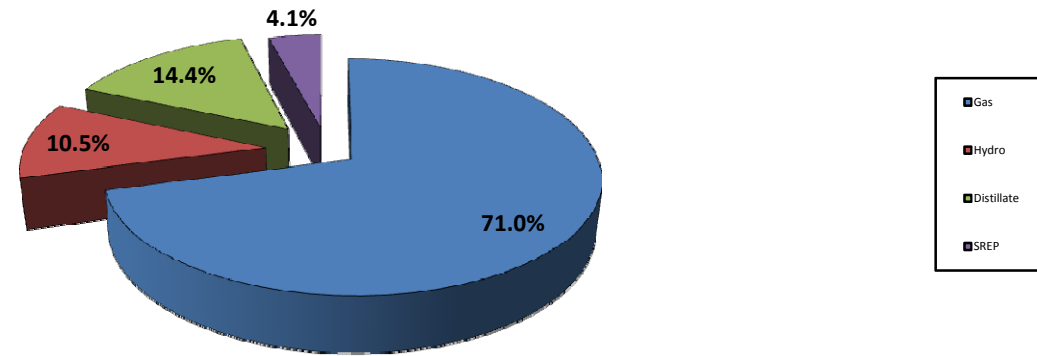
WEST COAST GRID OPERATION



**Generation Mix Profile for 27th January 2013**

Gas	9,868 MWh
Hydro	1,460 MWh
Distillate	2,005 MWh
SREP	571 MWh

**Daily Generation Mix Profile for 27th JAN' 2013**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	688.35 MWh	2,409.70 MWh	1,344.00 MWh	- MWh
IPP	1,317.10 MWh	7,458.00 MWh	115.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	570.60 MWh
<b>TOTAL</b>	<b>2,005.45 MWh</b>	<b>9,867.70 MWh</b>	<b>1,459.80 MWh</b>	<b>570.60 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	17%	10%	0%
IPP	9%	54%	1%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	13,903.55			

DIST (IPP)	9%
DIST (SESB)	5%
SREP	4%
GAS (SESB)	17%
GAS (IPP)	54%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

**GENERATION MIX SESB-IPP-SREP 27th JAN' 2013**

