

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (4th MARCH' 2013)	835 MW	809 MW	-3.08%
Maximum Energy (4th MARCH' 2013)	17.6 MW	15.5 GWh	-11.93%
Maximum Demand (record high 28 FEB' 2013)	815 MW	834 MW	2.29%

Prepared by:

Electricity Market Operations

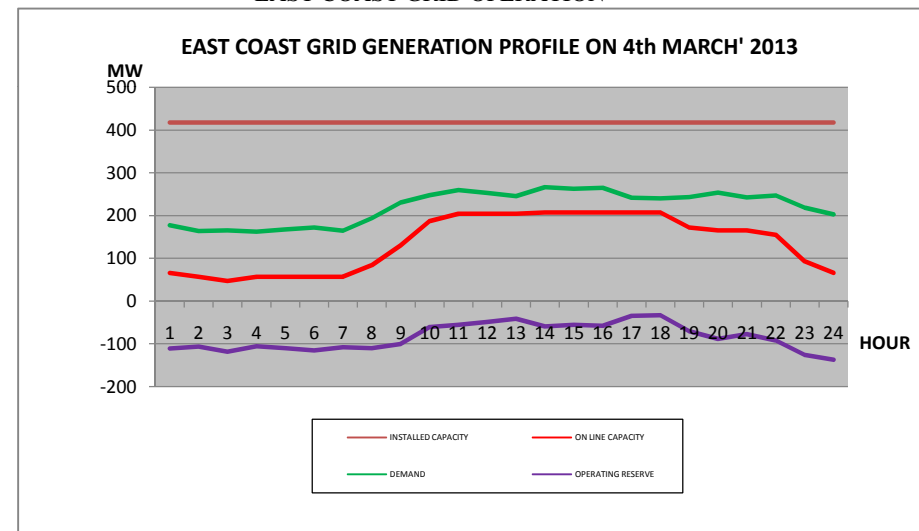
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

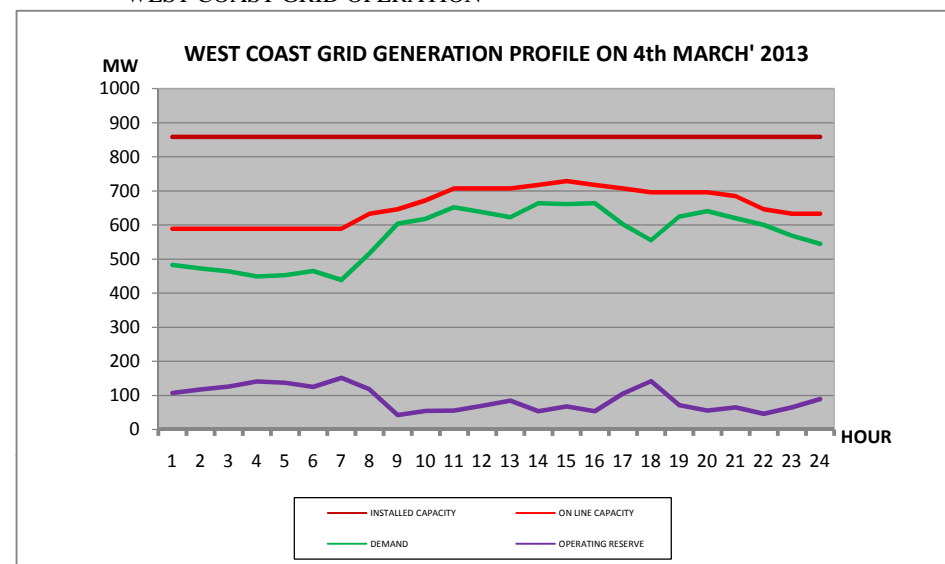
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		66	57	47	57	57	57	57	84	130	187.5	204.5	204.5	204.5	207.5	207.5	207.5	207.5	207.5	172.5	165.5	165.5	155	93	66
<b>DEMAND</b>		177.27	163.84	165.23	162.41	167.54	172.5	164.91	193.97	230.39	248.23	260.13	252.92	245.45	266.73	262.98	265.05	242.22	240.49	243.18	253.79	242.54	247	218.79	203.27
<b>OPERATING RESERVE</b>		-111.27	-106.84	-118.23	-105.41	-110.54	-115.5	-107.91	-109.97	-100.39	-60.73	-55.63	-48.42	-40.95	-59.23	-55.48	-57.55	-34.72	-32.99	-70.68	-88.29	-77.04	-92	-125.79	-137.27
East Cost		7709.13	5375.39	4202.2	6498.13	6454.59	6890.68	7393.32	9808.91	12654.7	19513.1	21798.6	21562.2	21683.7	21844.2	22084.8	22131	21383.4	21586.8	18204	17976.2	17338.9	16126.5	11335.2	9249.34

EAST COAST GRID OPERATION



WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<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>		589	589	589	589	589	589	589	633	646	673	707	707	707	718	729	718	707	696	696	696	685	646	633	633
<b>DEMAND</b>		482.4	471.8	463.5	448	452.2	464.4	437.9	516.1	603.6	618	651.8	637.8	622.4	664.2	661.5	664	602.2	554.4	624.4	640.6	620.1	600	568.2	544.1
<b>OPERATING RESERVE</b>		106.6	117.2	125.5	141	136.8	124.6	151.1	116.9	42.4	55	55.2	69.2	84.6	53.8	67.5	54	104.8	141.6	71.6	55.4	64.9	46	64.8	88.9
West Cost		36656.7	35813.7	35434.1	34678.9	34997.8	35994.5	33961.4	37518.5	42553.8	45703.1	49052.5	48335.7	47273.2	50451	50812.9	50280.8	45592.1	41942.5	46671.6	47510.2	45570.8	42220.4	39410.7	37694.3

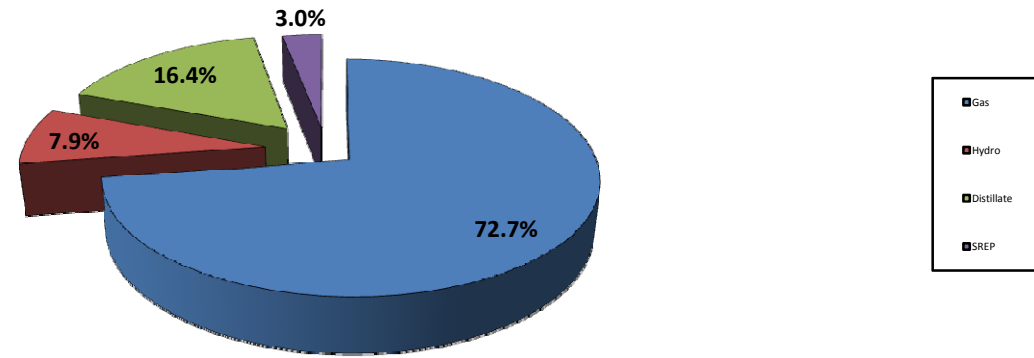
WEST COAST GRID OPERATION



**Generation Mix Profile for 4th March 2013**

Gas	11,584 MWh
Hydro	1,255 MWh
Distillate	2,610 MWh
SREP	485 MWh

**Daily Generation Mix Profile 4th March' 2013**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,103.40 MWh	1,677.80 MWh	1,231.00 MWh	- MWh
IPP	1,507.00 MWh	9,906.50 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	484.90 MWh
<b>TOTAL</b>	<b>2,610.40 MWh</b>	<b>11,584.30 MWh</b>	<b>1,255.00 MWh</b>	<b>484.90 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	11%	8%	0%
IPP	9%	62%	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>	15,934.60			

DIST (IPP)	9%
DIST (SESB)	7%
SREP	3%
GAS (SESB)	11%
GAS (IPP)	62%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 4th March' 2013**

