

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (23rd MAY' 2013)</b>	860 MW	812 MW	-5.53%
<b>Maximum Energy (23rd MAY' 2013)</b>	17.1 MW	15.8 GWh	-7.68%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

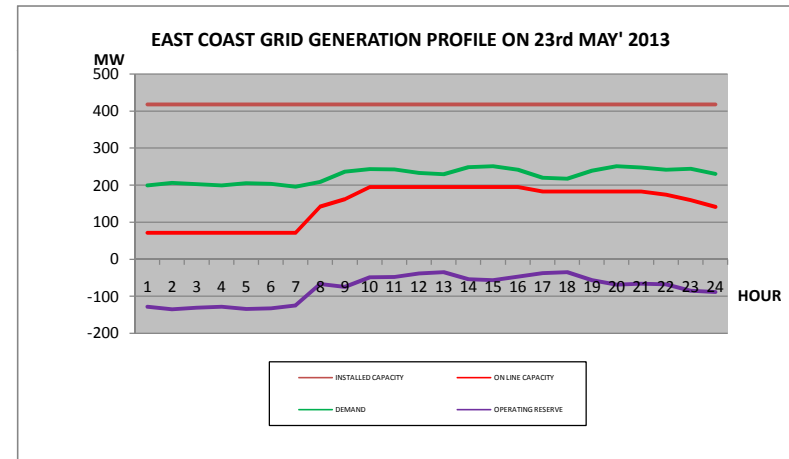
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

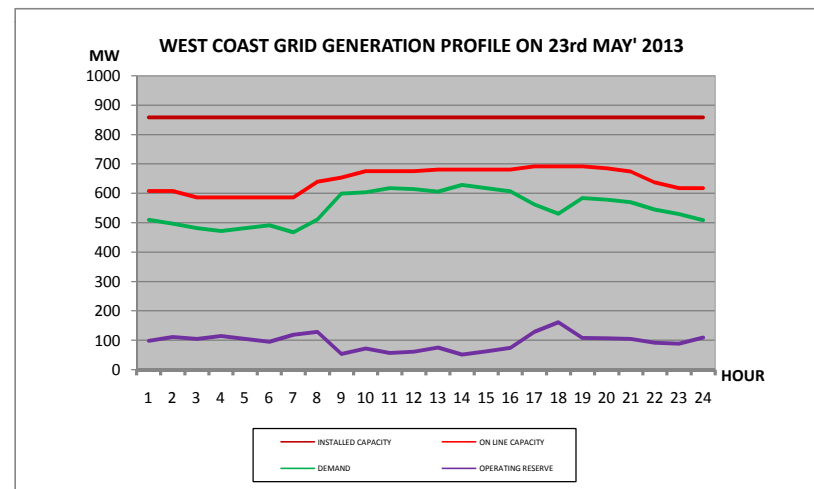
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		72	72	72	72	72	72	72	142.5	162.5	195.5	195.5	195.5	195.5	195.5	195.5	195.5	183	183	183	183	183	175	160	142
<b>DEMAND</b>		199.76	206.58	202.63	199.29	205.33	204.12	196	208.93	237.17	244.13	243	233.44	230.18	248.76	251.61	241.88	219.95	218.09	239.29	251.29	248.49	242.18	245.01	230.33
<b>OPERATING RESERVE</b>		-127.76	-134.58	-130.63	-127.29	-133.33	-132.12	-124	-66.43	-74.67	-48.63	-47.5	-37.94	-34.68	-53.26	-56.11	-46.38	-36.95	-35.09	-56.29	-68.29	-65.49	-67.18	-85.01	-88.33
East Cost		12484.1	10196.2	10043.4	10053.9	9921.89	9692.2	9851.49	19089	23068.3	27725.7	28760.4	27419.2	27534.4	27196.9	26809.4	26330.3	23987.6	24836.1	25071.3	25299.6	25183.3	23026.9	19483.4	17216.6

EAST COAST GRID OPERATION



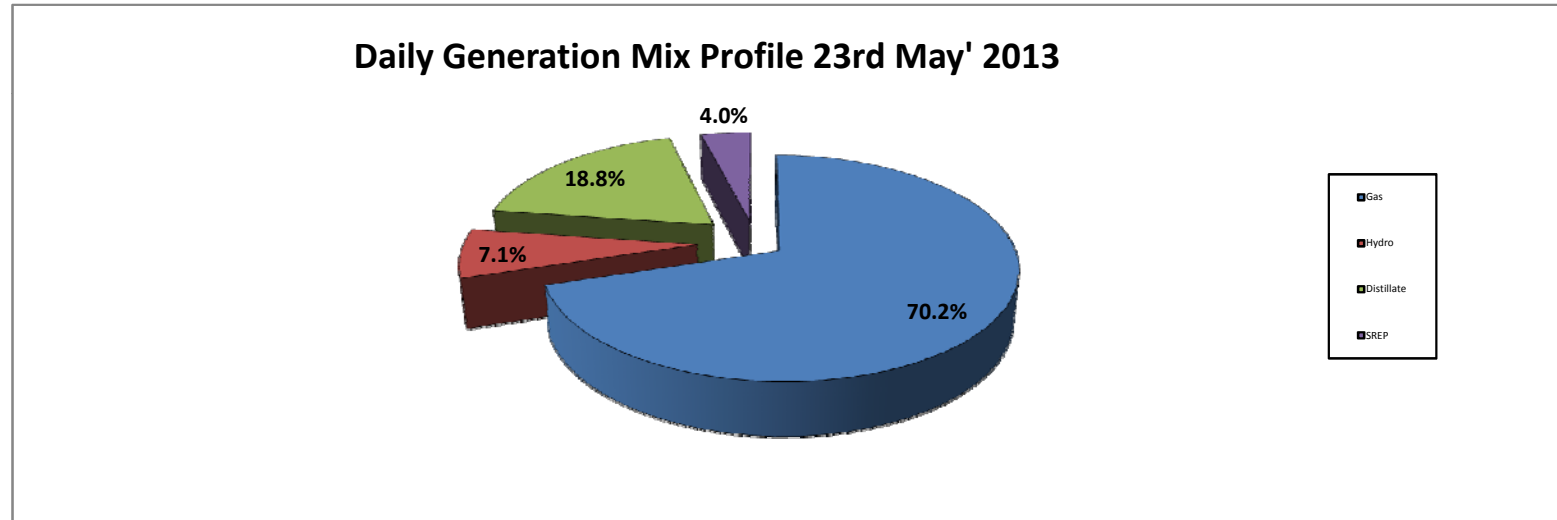
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		608.5	608.5	586.5	586.5	586.5	586.5	586.5	640	653.7	675.7	675.7	675.7	680.7	680.7	680.7	680.7	691.7	691.7	691.7	685.5	674.5	637	618	618
<b>DEMAND</b>		510.2	497	482	471.8	481.3	491.3	467.4	510.8	600.15	603.65	618.45	614.85	605.75	629.15	618.05	606.85	562.65	530.45	583.95	579	570.2	544.8	529.7	508.9
<b>OPERATING RESERVE</b>		98.3	111.5	104.5	114.7	105.2	95.2	119.1	129.2	53.55	72.05	57.25	60.85	74.95	51.55	62.65	73.85	129.05	161.25	107.75	106.5	104.3	92.2	88.3	109.1
West Cost		36579.5	35854.6	35836.7	35405.4	35919.1	36352.7	34940.6	38471.8	46509.2	45739.1	46953.9	46451.2	46153.8	47925.8	46945.1	46206.9	43675.8	41808.1	45269.9	44818.3	43833	40465.8	38244.3	36874.4

WEST COAST GRID OPERATION



**Generation Mix Profile for 23rd May 2013**

Gas	11,290 MWh
Hydro	1,135 MWh
Distillate	3,017 MWh
SREP	643 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,432.50 MWh	1,705.20 MWh	1,033.20 MWh	- MWh
IPP	1,584.10 MWh	9,584.90 MWh	101.90 MWh	- MWh
SREP	- MWh	- MWh	MWh	643.40 MWh
<b>TOTAL</b>	<b>3,016.60 MWh</b>	<b>11,290.10 MWh</b>	<b>1,135.10 MWh</b>	<b>643.40 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	11%	6%	0%
IPP	10%	60%	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>	16,085.20			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	60%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

