

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (7th JUNE' 2013)</b>	850 MW	832 MW	-2.15%
<b>Maximum Energy (7th JUNE' 2013)</b>	17.5 MW	16.6 GWh	-5.14%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

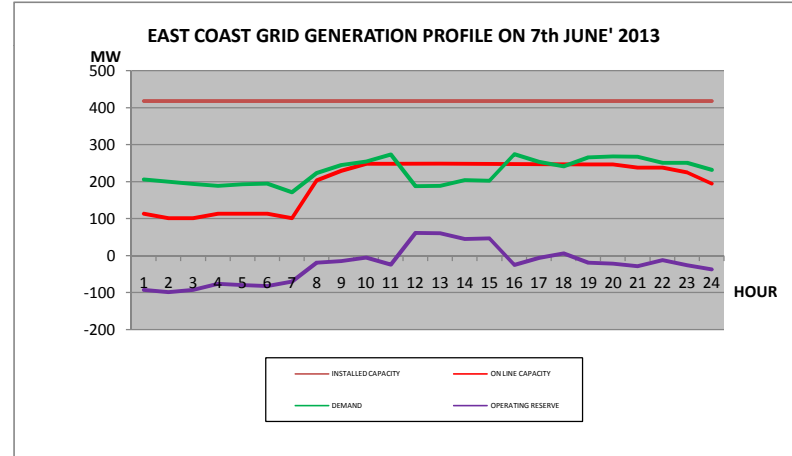
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

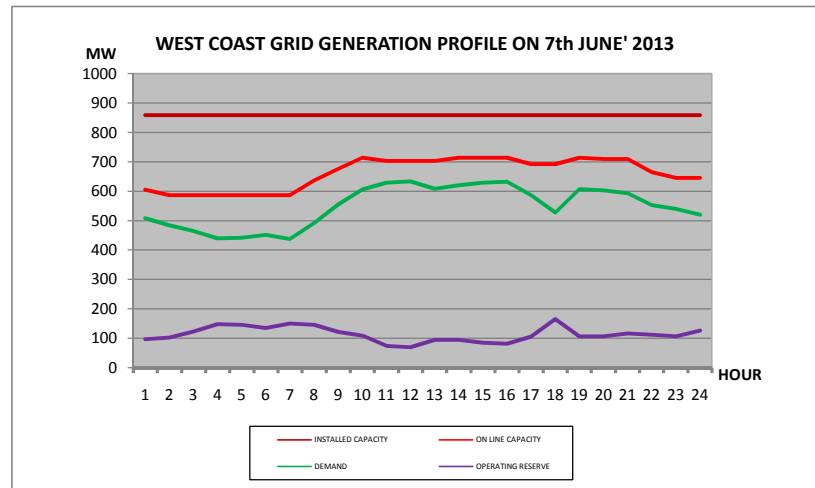
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		113	101	101	113	113	113	101	203.5	229.5	248.5	248.5	248.5	248.5	248.5	248.5	248.5	246.5	246.5	246.5	246.5	238.5	238.5	225	195
<b>DEMAND</b>		205.22	199.44	193.72	188.65	192.3	194.64	171.17	222.66	244.13	254.21	272.6	187.45	188.25	203.95	202.35	273.66	252.72	240.74	265.3	267.83	267.1	250.74	250.71	231.88
<b>OPERATING RESERVE</b>		-92.22	-98.44	-92.72	-75.65	-79.3	-81.64	-70.17	-19.16	-14.63	-5.71	-24.1	61.05	60.25	44.55	46.15	-25.16	-6.22	5.76	-18.8	-21.33	-28.6	-12.24	-25.71	-36.88
East Cost		14164	13202.5	13140.3	14241.7	14548.2	13971.1	12977.5	23685.2	26248.3	28589.7	30674.9	29346.1	29320.2	32091.9	31896.7	31067.3	29533	29691.3	29789.9	29927.8	29046.9	28627.8	26418.1	23560.2

EAST COAST GRID OPERATION



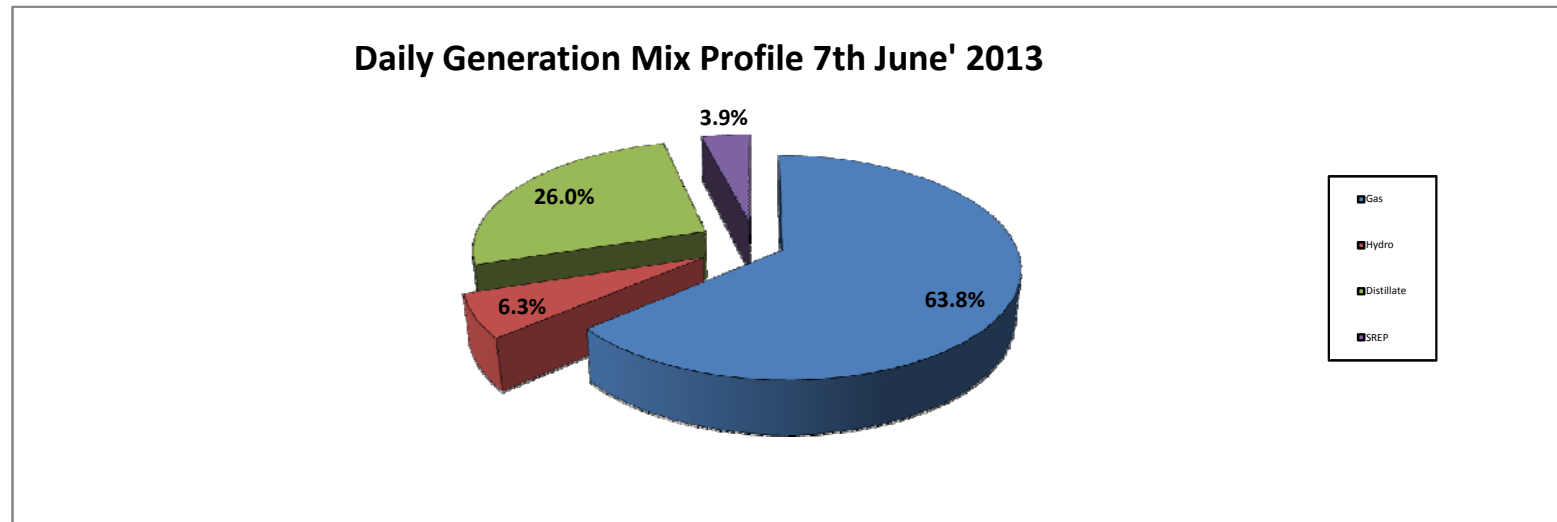
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		604.5	586.5	586.5	586.5	586.5	586.5	586.5	637	676.1	713.7	702.7	702.7	702.7	713.7	713.7	713.7	691.7	691.7	713.7	709.5	709.5	664.5	645.5	645.5
<b>DEMAND</b>		507.9	484.1	464.4	439	441.6	451.6	436.9	491.7	554.55	605.55	628.55	633.25	607.85	619.85	629.35	632.45	586.35	526.95	607.35	602.7	593.2	552.9	539.3	520.1
<b>OPERATING RESERVE</b>		96.6	102.4	122.1	147.5	144.9	134.9	149.6	145.3	121.55	108.15	74.15	69.45	94.85	93.85	84.35	81.25	105.35	164.75	106.35	106.8	116.3	111.6	106.2	125.4
West Cost		38430.7	35979.2	34806.9	32854.1	33089.3	33914.3	32709.5	37254	45643.5	48933.4	49806.3	49812.1	47998.8	49699.3	50095.9	50382.2	48570.1	44501.2	48786	47485.9	47237.7	43320	41190.2	39865.5

WEST COAST GRID OPERATION



**Generation Mix Profile for 7th June 2013**

Gas	10,804 MWh
Hydro	1,059 MWh
Distillate	4,412 MWh
SREP	662 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	2,233.00 MWh	1,673.00 MWh	973.20 MWh	- MWh
IPP	2,178.80 MWh	9,130.60 MWh	85.60 MWh	- MWh
SREP	- MWh	- MWh	MWh	662.00 MWh
<b>TOTAL</b>	<b>4,411.80 MWh</b>	<b>10,803.60 MWh</b>	<b>1,058.80 MWh</b>	<b>662.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	10%	6%	0%
IPP	13%	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>	16,936.20			

DIST (IPP)	13%
DIST (SESB)	13%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	54%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

