

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (9th APRIL' 2013)</b>	830 MW	824 MW	-0.77%
<b>Maximum Energy (9th APRIL' 2013)</b>	17.5 MW	16.1 GWh	-8.00%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

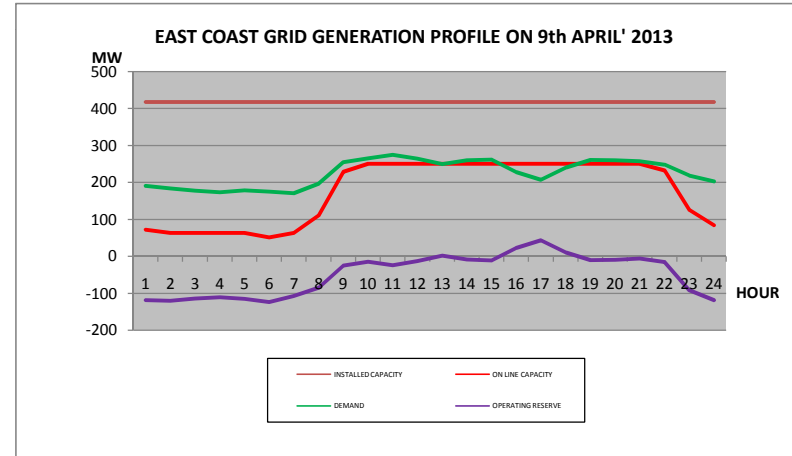
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Apr-13

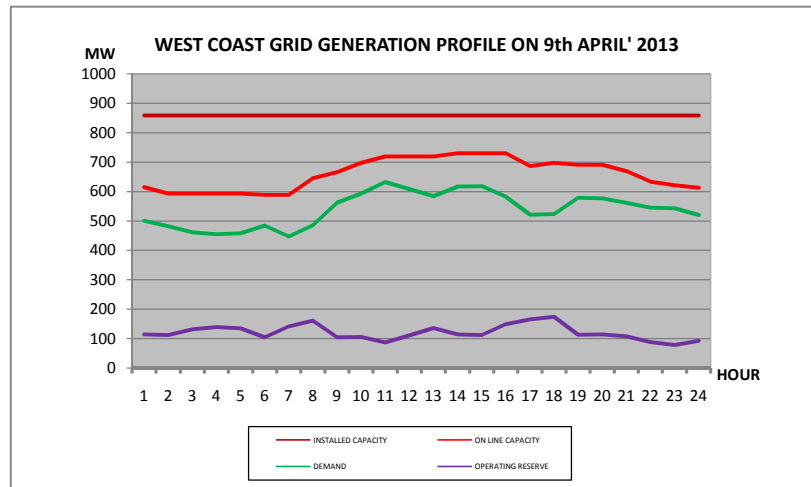
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		72	63	63	63	63	51	63	111	229	250.5	250.5	250.5	250.5	250.5	250.5	250.5	250.5	250.5	250.5	250.5	232	126	84	
<b>DEMAND</b>		190.54	183.42	177.65	173.52	178.04	174.86	170.59	196.2	254.32	265.07	274.71	263.87	249.15	259.56	261.78	228.02	207.4	239.94	260.96	259.83	257.05	248.13	218.04	202.65
<b>OPERATING RESERVE</b>		-118.54	-120.42	-114.65	-110.52	-115.04	-123.86	-107.59	-85.2	-25.32	-14.57	-24.21	-13.37	1.35	-9.06	-11.28	22.48	43.1	10.56	-10.46	-9.33	-6.55	-16.13	-92.04	-118.65
East Cost		12499.8	11797.2	12040.4	11510.4	11625.2	10168.8	11549.8	16552.5	25275.7	29784.1	29624.7	32009.3	32662.6	32100.7	31899.2	30709.3	30842.8	31000.5	32279.2	31913.9	31746.1	27643.5	16834.9	13837.5

EAST COAST GRID OPERATION



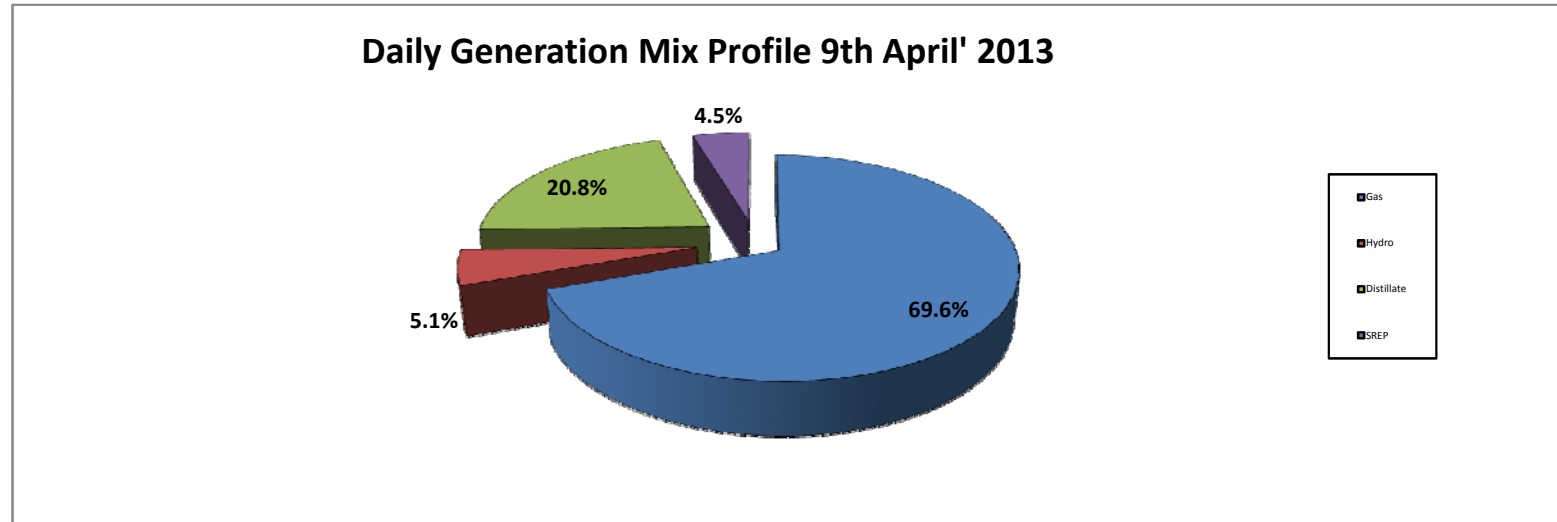
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		614.5	592.5	592.5	592.5	592.5	588	588	645	666	697	719	719	719	730	730	730	686	697	690.5	690.5	668.5	633	620.5	612
<b>DEMAND</b>		500.2	481.2	461.4	454	457.5	484	446.8	484.5	562.5	592.4	632	608.4	583.6	616.7	618	581.4	521.1	523.3	578.3	576.5	561.1	545.2	542.6	520.1
<b>OPERATING RESERVE</b>		114.3	111.3	131.1	138.5	135	104	141.2	160.5	103.5	104.6	87	110.6	135.4	113.3	112	148.6	164.9	173.7	112.2	114	107.4	87.8	77.9	91.9
West Cost		36799.6	36919.7	35516.8	35100.4	35375.4	37549.4	34922.6	36189.9	42743.9	45792	48602.2	47552.4	45950.6	48596.1	48663.7	45945.7	43892.2	42661.7	46185	45812.5	44022.8	41676	40866.7	38653.5

WEST COAST GRID OPERATION



**Generation Mix Profile for 9th April 2013**

Gas	11,240 MWh
Hydro	822 MWh
Distillate	3,359 MWh
SREP	734 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,539.50 MWh	1,637.30 MWh	786.00 MWh	- MWh
IPP	1,819.80 MWh	9,602.90 MWh	36.10 MWh	- MWh
SREP	- MWh	- MWh	MWh	733.70 MWh
<b>TOTAL</b>	<b>3,359.30 MWh</b>	<b>11,240.20 MWh</b>	<b>822.10 MWh</b>	<b>733.70 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	5%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,155.30			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	5%
GAS (SESB)	10%
GAS (IPP)	59%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

