

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (13th APRIL' 2013)</b>	770 MW	774 MW	0.51%
<b>Maximum Energy (13th APRIL' 2013)</b>	16.8 MW	14.9 GWh	-11.31%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

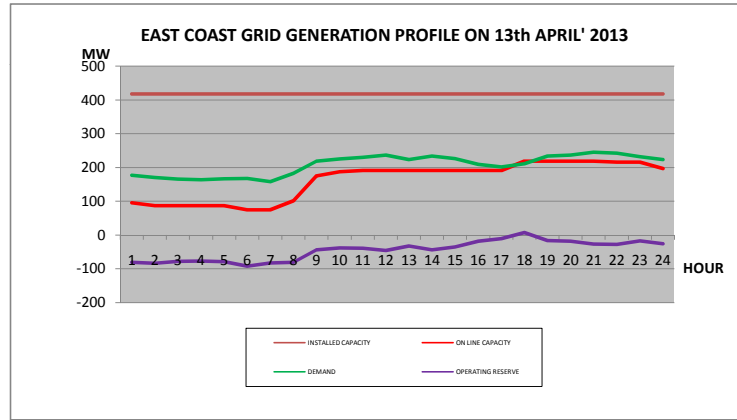
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Apr-13

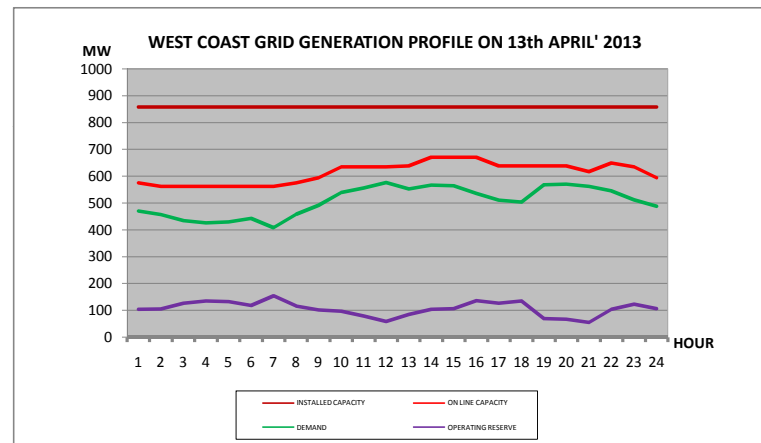
<b>EAST COAST GRID</b>																							
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
<b>ON LINE CAPACITY</b>		96	87	87	87	75	75	101	175	187	191	191	191	191	191	191	191	191	191	191	191	191	191
<b>DEMAND</b>		176.57	170.44	164.87	163.61	165.86	167.26	157.57	182.32	218.67	225.01	229.8	236.56	223.51	234.4	226.16	209.48	201.8	210.99	234.41	237.06	245.52	223.09
<b>OPERATING RESERVE</b>		-80.57	-83.44	-77.87	-76.61	-78.86	-92.26	-82.57	-81.32	-43.67	-38.01	-38.8	-45.56	-32.51	-43.4	-35.16	-18.48	-10.8	7.51	-15.91	-18.56	-27.02	-26.09
East Cost		14841.3	14531.4	14194.2	13794.7	13923.1	12735.2	12939.5	15466.3	23423.8	24394.5	24350.3	23438.1	23619.2	24420.5	24826.2	24714	24990.8	28228.7	29182.7	29371.8	30364.5	26139.7

EAST COAST GRID OPERATION



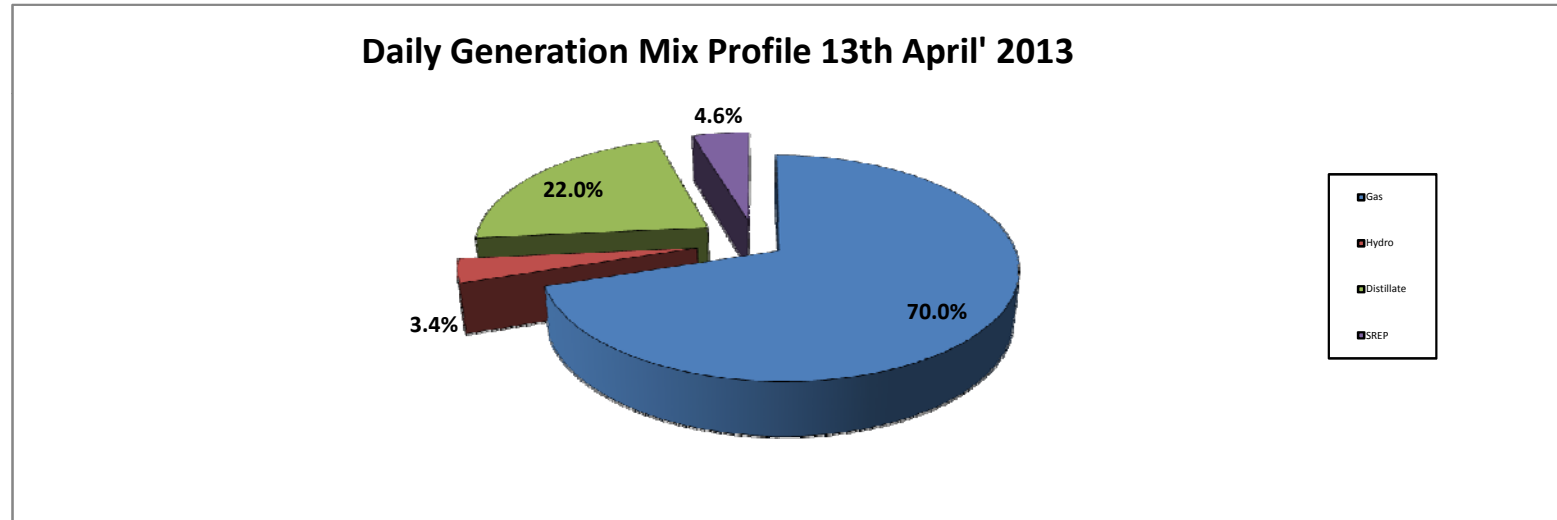
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		574.5	561.5	561.5	561.5	561.5	561.5	561.5	574.5	593.5	635.5	635.5	635.5	638	671	671	671	638	638	638	638	617	649	635.5	593.5
<b>DEMAND</b>		470.4	456.7	434.5	426.1	428.7	442.9	407.7	458.1	491.6	539.05	556.25	576.45	553.05	566.45	565.05	535.35	511.15	503.25	567.95	570.25	561.55	545.35	512.35	487.6
<b>OPERATING RESERVE</b>		104.1	104.8	127	135.4	132.8	118.6	153.8	116.4	101.9	96.45	79.25	59.05	84.95	104.55	105.95	135.65	126.85	134.75	70.05	67.75	55.45	103.65	123.15	105.9
West Cost		37105.1	36205.6	33676.5	33077	33262.1	34227.1	31659.2	36985.4	40580.8	45205	46852.4	48247.4	46601.6	46929.1	46809.4	44938.9	43945	43144.1	47957.4	47885.7	46811.4	46815	43542.8	40688.8

WEST COAST GRID OPERATION



**Generation Mix Profile for 13th April 2013**

Gas	10,650 MWh
Hydro	519 MWh
Distillate	3,344 MWh
SREP	696 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,518.60 MWh	1,473.30 MWh	441.00 MWh	- MWh
IPP	1,825.80 MWh	9,176.20 MWh	77.50 MWh	- MWh
SREP	- MWh	- MWh	MWh	695.50 MWh
<b>TOTAL</b>	<b>3,344.40 MWh</b>	<b>10,649.50 MWh</b>	<b>518.50 MWh</b>	<b>695.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	3%	0%
IPP	12%	60%	1%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,207.90			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	5%
GAS (SESB)	10%
GAS (IPP)	60%
HYDRO (SESB)	3%
HYDRO (IPP)	1%
total	100%

