

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (27th APRIL' 2013)</b>	770 MW	774 MW	0.49%
<b>Maximum Energy (27th APRIL' 2013)</b>	16.1 MW	15.1 GWh	-6.21%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

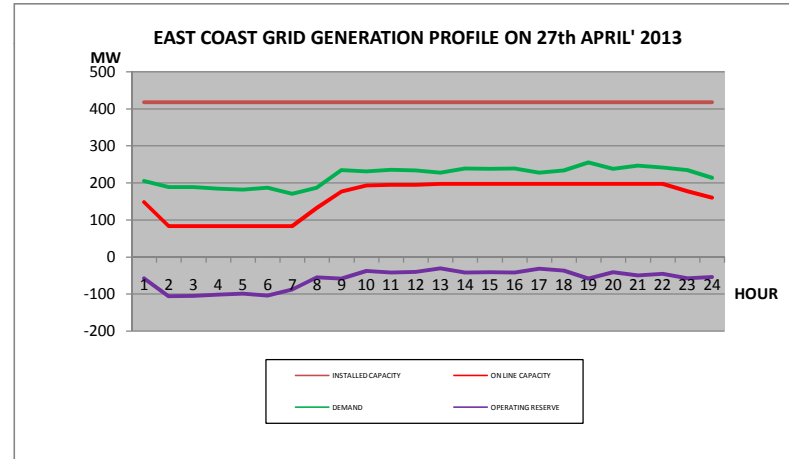
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

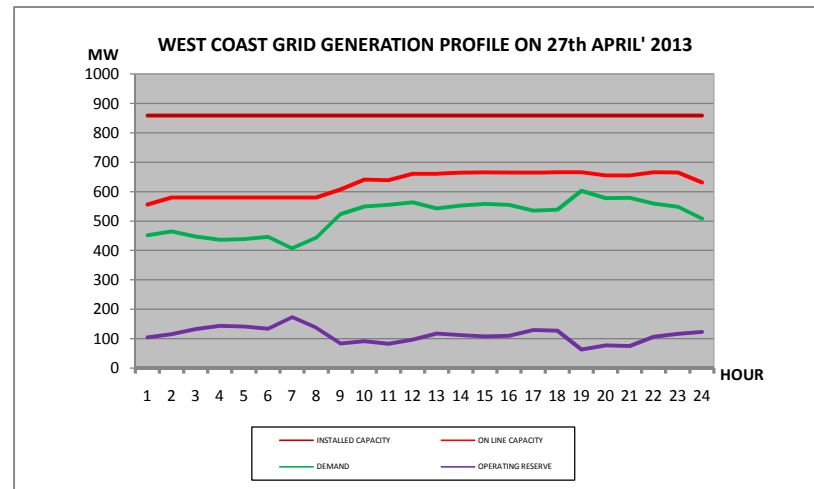
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		149	84	84	84	84	84	84	133	177	194	195	195	198	198	198	198	198	198	198	198	198	178	161	
<b>DEMAND</b>		205.53	189.31	188.69	184.63	182.52	187.48	170.96	187.59	234.53	231.19	235.99	234.51	227.9	239.24	238.33	239.01	228.43	233.76	255.7	238.58	246.71	242.24	234.67	214.01
<b>OPERATING RESERVE</b>		-56.53	-105.31	-104.69	-100.63	-98.52	-103.48	-86.96	-54.59	-57.53	-37.19	-40.99	-39.51	-29.9	-41.24	-40.33	-41.01	-30.43	-35.76	-57.7	-40.58	-48.71	-44.24	-56.67	-53.01
East Cost		21230.8	12746.9	14049.1	14107.3	14320.8	13844.5	14365.4	17722.7	23434.6	25595.9	27843	25615	25611.9	27824.7	26243	25809	25228.4	25689.8	27671.2	27421.7	27971.7	25919.9	23594.2	21827.8

EAST COAST GRID OPERATION



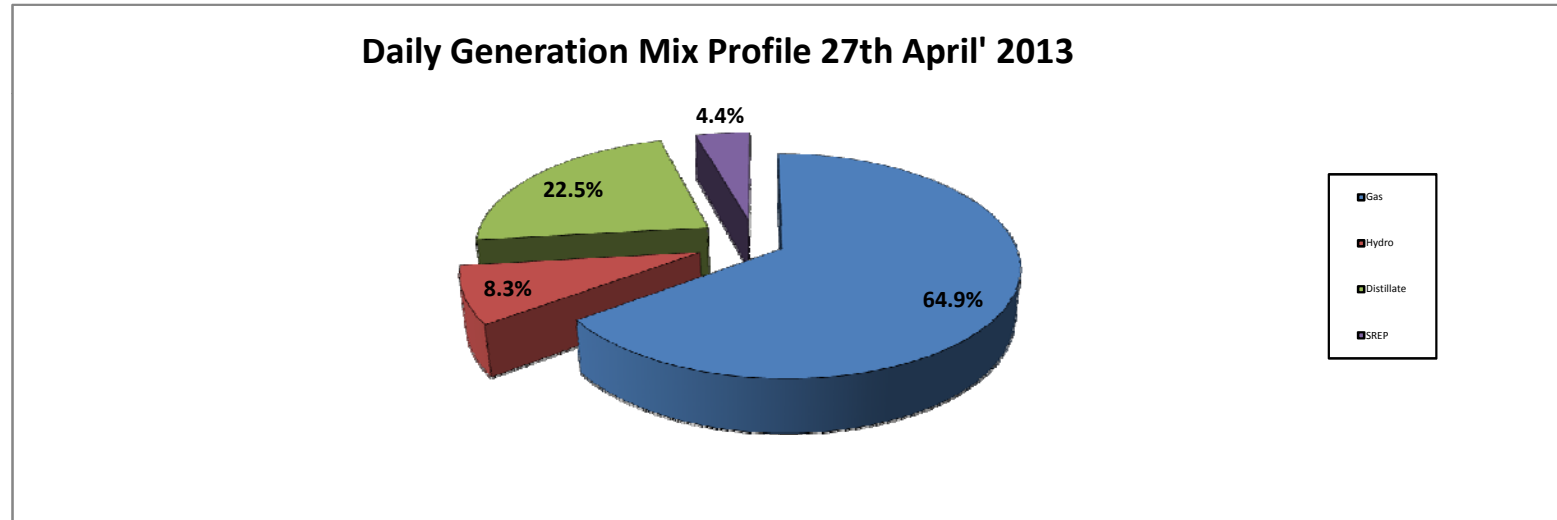
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		556.5	580	580	580	580	580	580	580	607	641	638.5	660.5	660.5	665	665	665	665	666.1	666.1	655.1	655.1	666.1	665	631
<b>DEMAND</b>		452.4	464.7	448	436.6	439.3	446.6	407.5	443.2	523.5	549.8	555.2	563.3	543.4	552.7	557.7	555.2	535.2	539.2	602.7	578.1	579.3	559.6	548.3	508.3
<b>OPERATING RESERVE</b>		104.1	115.3	132	143.4	140.7	133.4	172.5	136.8	83.5	91.2	83.3	97.2	117.1	112.3	107.3	109.8	129.8	126.9	63.4	77	75.8	106.5	116.7	122.7
West Cost		31695.8	32887.6	32453	31905.2	31552.7	32280.6	30681.6	32367	39375.6	41660.7	42509.3	43714	42734.9	43282.8	43684.6	43510.5	42360.3	42910.2	46315.1	44873.5	44970.9	43983	43057.6	39969

WEST COAST GRID OPERATION



**Generation Mix Profile for 27th April 2013**

Gas	9,945 MWh
Hydro	1,265 MWh
Distillate	3,447 MWh
SREP	668 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,746.55 MWh	1,635.00 MWh	1,179.00 MWh	- MWh
IPP	1,700.80 MWh	8,310.10 MWh	85.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	667.90 MWh
<b>TOTAL</b>	<b>3,447.35 MWh</b>	<b>9,945.10 MWh</b>	<b>1,264.80 MWh</b>	<b>667.90 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	8%	0%
IPP	11%	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>	15,325.15			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	54%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

