

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (1st APRIL' 2013)</b>	870 MW	828 MW	-4.89%
<b>Maximum Energy (1st APRIL' 2013)</b>	17.9 MW	16.1 GWh	-10.06%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

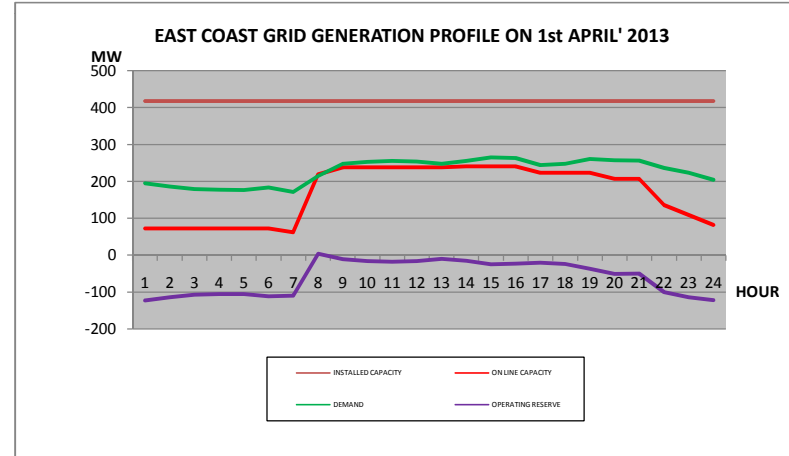
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Apr-13

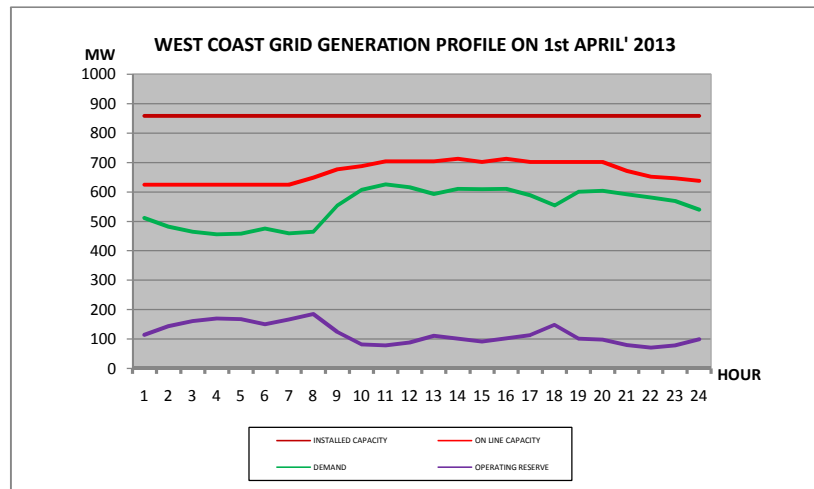
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		72	72	72	72	72	72	62	219	237.5	237.5	237.5	237.5	237.5	240.5	240.5	240.5	223.5	223.5	223.5	206.5	206.5	136	109	82
<b>DEMAND</b>		194.93	186.25	179.29	177.87	177.16	183.88	171.57	214.73	247.64	253.05	255.43	253.22	247.08	255.37	264.73	262.94	244.02	247.12	260.29	257.28	255.95	236.19	223.44	203.98
<b>OPERATING RESERVE</b>		-122.93	-114.25	-107.29	-105.87	-105.16	-111.88	-109.57	4.27	-10.14	-15.55	-17.93	-15.72	-9.58	-14.87	-24.23	-22.44	-20.52	-23.62	-36.79	-50.78	-49.45	-100.19	-114.44	-121.98
East Cost		12185.9	12140.5	12392.7	11754.6	11745.8	11510.5	10876.6	24941.6	31105.5	30523.2	31250	30912.7	30617.3	31249.3	31264.9	31057.8	25988.7	26651.1	27402.4	25274.3	24221.7	16561.6	14073.1	11723.1

EAST COAST GRID OPERATION



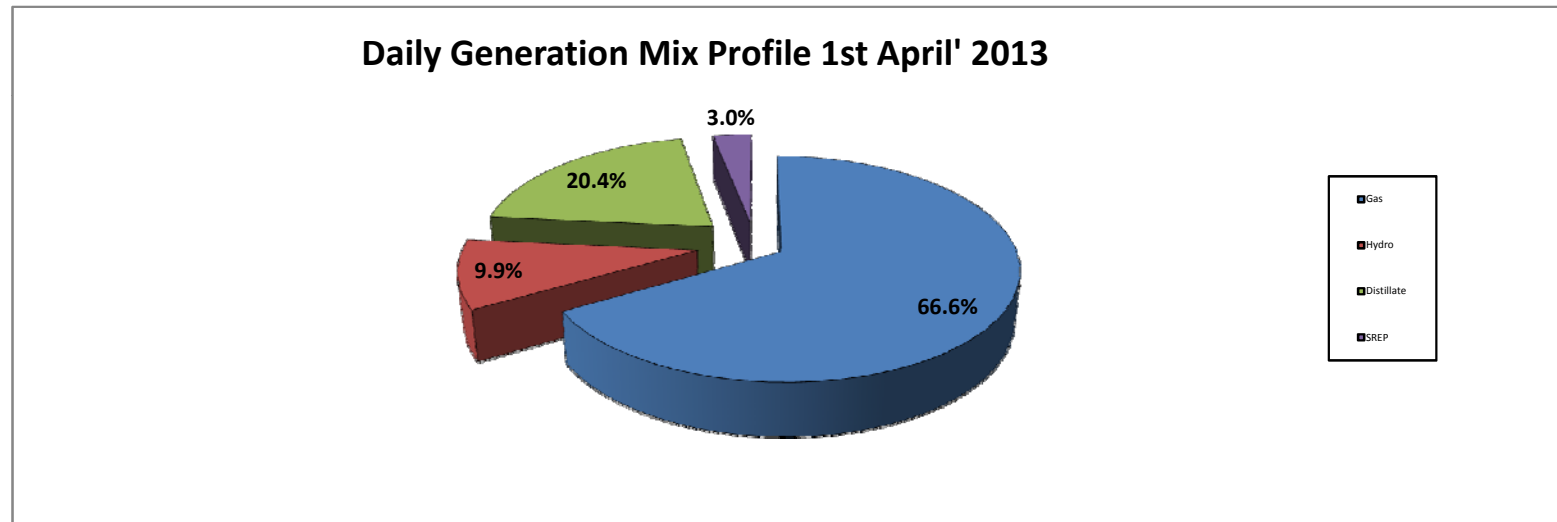
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		625	625	625	625	625	625	625	648.5	677	688	704	704	704	712.5	701.5	712.5	701.5	701.5	701.5	701.5	671.5	651.5	647	638.5
<b>DEMAND</b>		511.1	482.3	464.5	455.8	458	475.3	459.5	464	553.7	607.2	626.1	616.6	593.7	611.3	610	611.1	589.2	554.2	601	603.8	592.8	581.1	569.2	539.9
<b>OPERATING RESERVE</b>		113.9	142.7	160.5	169.2	167	149.7	165.5	184.5	123.3	80.8	77.9	87.4	110.3	101.2	91.5	101.4	112.3	147.3	100.5	97.7	78.7	70.4	77.8	98.6
West Cost		36816.7	34984	33830.1	33238.1	33327.6	34632.1	33469.1	35383.6	42406.4	46315.5	47094.5	46020.2	44688.8	46576.7	46065.1	46278.5	44379.8	41966.1	45067	45142.1	45195.1	40942.7	39748.9	37497.6

WEST COAST GRID OPERATION



**Generation Mix Profile for 1st April 2013**

Gas	10,841 MWh
Hydro	1,617 MWh
Distillate	3,317 MWh
SREP	493 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,655.70 MWh	1,316.10 MWh	1,574.00 MWh	- MWh
IPP	1,661.20 MWh	9,525.20 MWh	43.10 MWh	- MWh
SREP	- MWh	- MWh	MWh	493.30 MWh
<b>TOTAL</b>	<b>3,316.90 MWh</b>	<b>10,841.30 MWh</b>	<b>1,617.10 MWh</b>	<b>493.30 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	8%	10%	0%
IPP	10%	59%	0%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,268.60			

DIST (IPP)	10%
DIST (SESB)	10%
SREP	3%
GAS (SESB)	8%
GAS (IPP)	59%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

