

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (29th MAY' 2013)</b>	850 MW	807 MW	-5.08%
<b>Maximum Energy (29th MAY' 2013)</b>	16.8 MW	15.9 GWh	-5.36%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

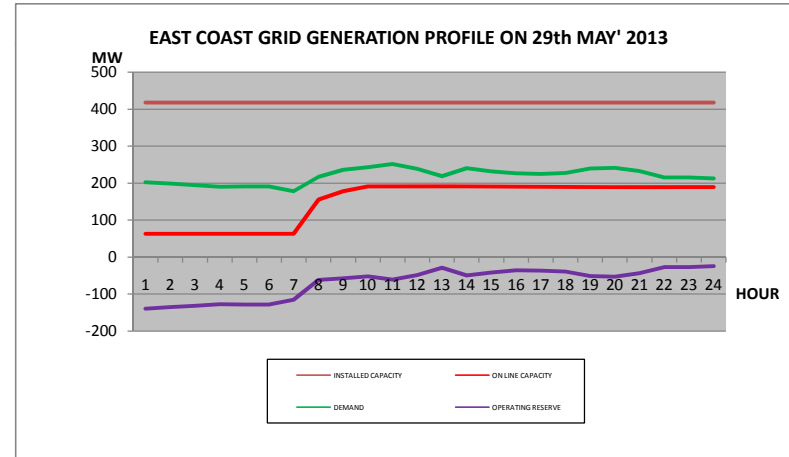
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

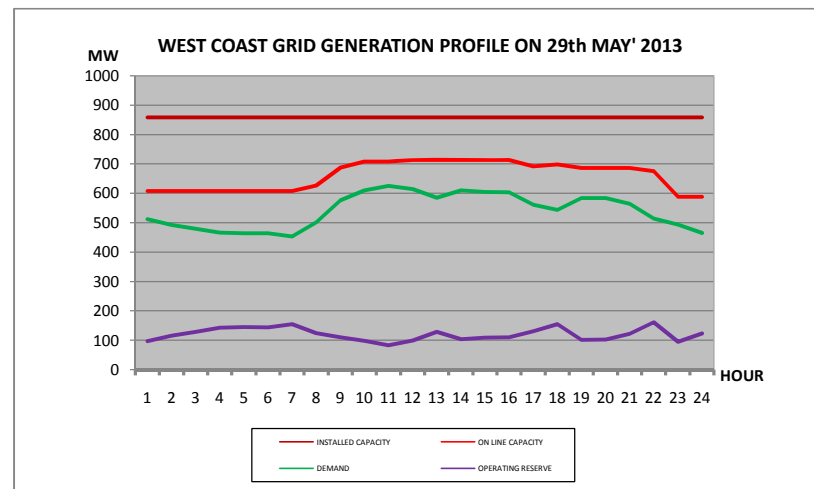
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		63	63	63	63	63	63	63	155	178	190.5	190.5	190.5	190.5	190.5	190.5	190.5	188.5	188.5	188.5	188.5	188.5	188.5	188.5	
<b>DEMAND</b>		202.33	198.26	194.37	190.27	191.05	190.85	177.97	216.58	235.35	242.5	251.02	238.51	218.59	240.04	231.6	225.8	224.41	227.25	239.26	240.7	232	214.98	214.81	212.52
<b>OPERATING RESERVE</b>		-139.33	-135.26	-131.37	-127.27	-128.05	-127.85	-114.97	-61.58	-57.35	-52	-60.52	-48.01	-28.09	-49.54	-41.1	-35.3	-35.91	-38.75	-50.76	-52.2	-43.5	-26.48	-26.31	-24.02
East Cost		9096.62	8943.06	8929.54	8931.98	8559.06	8918.44	8895.33	21268.4	23412.5	25828.5	26497.9	26666.5	26645.7	30827.6	27329.5	26136.6	24822.7	24815.1	25701.9	25740.4	25442.6	25681.1	25761.2	25009.8

EAST COAST GRID OPERATION



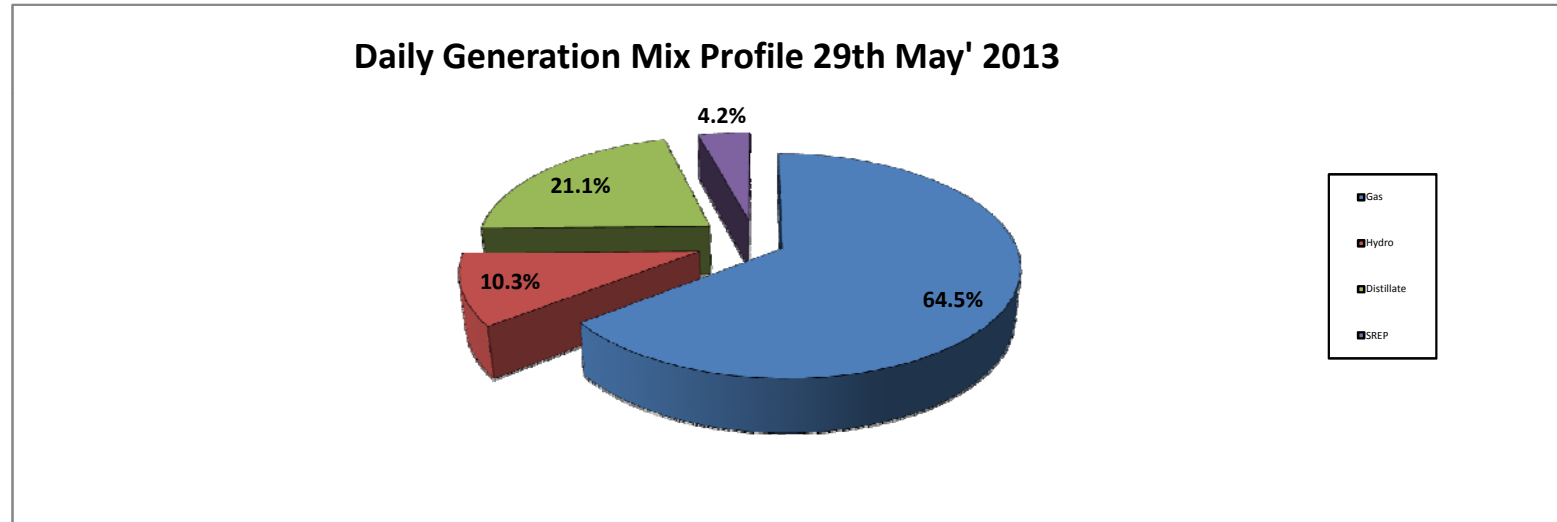
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		608.5	608.5	608.5	608.5	608.5	608.5	608.5	626.5	687.1	708.7	708.7	713.7	713.7	713.7	713.7	713.7	691.7	698.5	686.5	686.5	686.5	675.5	588.5	588.5
<b>DEMAND</b>		511.8	492.5	479.6	466.3	463.9	464.8	453.4	501.9	576.55	610.22	625.85	614.85	585.15	610.05	604.75	604.05	560.95	544	584.8	583.9	564.3	514.3	494	465.6
<b>OPERATING RESERVE</b>		96.7	116	128.9	142.2	144.6	143.7	155.1	124.6	110.55	98.48	82.85	98.85	128.55	103.65	108.95	109.65	130.75	154.5	101.7	102.6	122.2	161.2	94.5	122.9
West Cost		35909.3	35324.1	34451.4	33003.1	33087.1	33060.8	32291.3	35622.4	43378.8	46159.8	47339.3	46686.9	45106.8	46483.1	46016.3	45915.7	45396.8	41799.7	44205.4	44074.9	43225.4	40301.4	37812	35759.6

WEST COAST GRID OPERATION



**Generation Mix Profile for 29th May 2013**

Gas	10,192 MWh
Hydro	1,628 MWh
Distillate	3,329 MWh
SREP	659 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,392.15 MWh	1,727.30 MWh	1,533.20 MWh	- MWh
IPP	1,937.10 MWh	8,464.37 MWh	94.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	658.60 MWh
<b>TOTAL</b>	<b>3,329.25 MWh</b>	<b>10,191.67 MWh</b>	<b>1,628.10 MWh</b>	<b>658.60 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	11%	10%	0%
IPP	12%	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>	15,807.62			

DIST (IPP)	12%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	54%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

