

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (21st MAY' 2013)</b>	860 MW	811 MW	-5.73%
<b>Maximum Energy (21st MAY' 2013)</b>	16.9 MW	15.9 GWh	-5.92%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

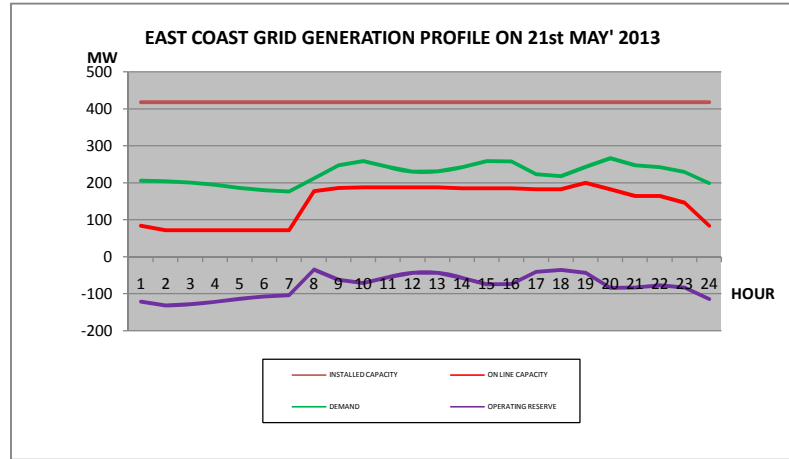
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

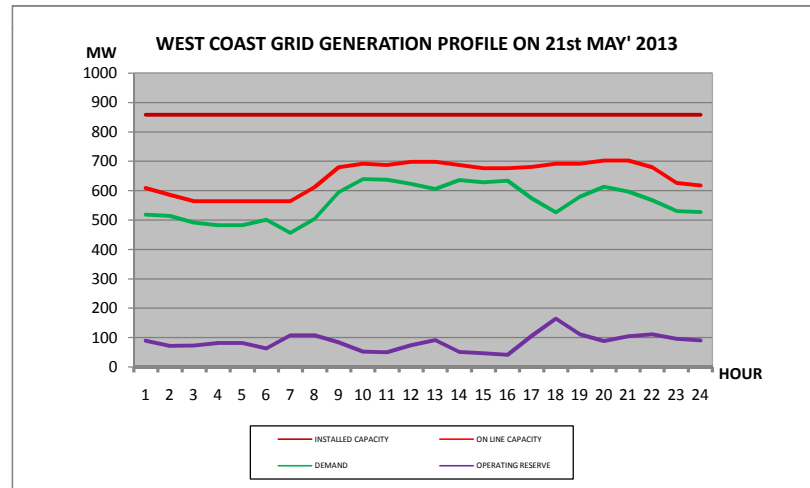
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		84	72	72	72	72	72	72	177.5	185.5	187.5	187.5	187.5	187.5	184.5	184.5	184.5	182.5	182.5	199.5	182.5	164.5	164.5	146	84
<b>DEMAND</b>		205.6	203.67	200.3	194.24	185.49	179.34	176.13	211.88	247.43	258.19	243.1	230.31	230.8	241.87	258.91	257.98	222.6	217.61	242.71	266.3	247.18	241.71	229.26	198.7
<b>OPERATING RESERVE</b>		-121.6	-131.67	-128.3	-122.24	-113.49	-107.34	-104.13	-34.38	-61.93	-70.69	-55.6	-42.81	-43.3	-57.37	-74.41	-73.48	-40.1	-35.11	-43.21	-83.8	-82.68	-77.21	-83.26	-114.7
East Cost		10925	9397.43	9945.6	9822.43	9898.88	9934.4	9861.06	23542.4	24812.1	26796	26308.7	25919.7	26534.1	26264.7	25981.8	27122.4	25931.2	26091.4	27654.5	25653.5	22597.6	21873.7	19251.7	11119.3

EAST COAST GRID OPERATION



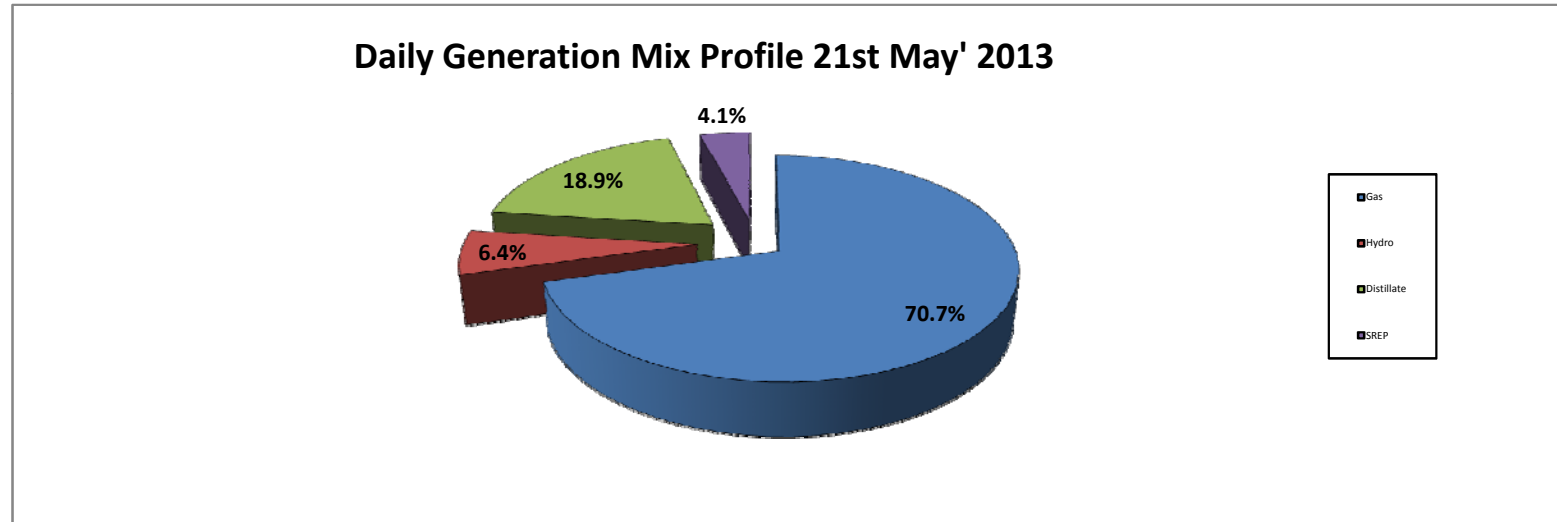
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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	586.5	564.5	564.5	564.5	564.5	564.5	612.5	679.6	691.7	687.2	697.6	697.6	686.6	675.6	675.6	680.1	691.1	691.1	702.1	702.1	679	626	618
<b>DEMAND</b>		518.8	514.7	491.9	482.6	482.7	501.8	456.7	504.7	595.35	639.65	637.45	623.8	605.6	635.9	628.7	634.4	574.4	526.2	580.2	613.6	597.7	567.5	530.5	527.5
<b>OPERATING RESERVE</b>		89.7	71.8	72.6	81.9	81.8	62.7	107.8	107.8	84.25	52.05	49.75	73.8	92	50.7	46.9	41.2	105.7	164.9	110.9	88.5	104.4	111.5	95.5	90.5
West Cost		37103.9	37813.1	37186	36659.2	36858.2	38235	35182	38774.6	47215.4	49155.7	48683.1	47771.4	46592.2	48461.3	47581.5	48196.4	44411.2	41619.1	44984.3	47516.8	46775.8	45251.2	38959.2	38316.7

WEST COAST GRID OPERATION



**Generation Mix Profile for 21st May 2013**

Gas	11,485 MWh
Hydro	1,037 MWh
Distillate	3,075 MWh
SREP	659 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,500.38 MWh	1,755.80 MWh	913.20 MWh	- MWh
IPP	1,574.30 MWh	9,729.50 MWh	124.10 MWh	- MWh
SREP	- MWh	- MWh	MWh	659.00 MWh
<b>TOTAL</b>	<b>3,074.68 MWh</b>	<b>11,485.30 MWh</b>	<b>1,037.30 MWh</b>	<b>659.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	11%	6%	0%
IPP	10%	60%	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>	16,256.28			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	60%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

