

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (14th MAY' 2013)</b>	840 MW	809 MW	-3.68%
<b>Maximum Energy (14th MAY' 2013)</b>	17.1 MW	15.9 GWh	-7.02%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

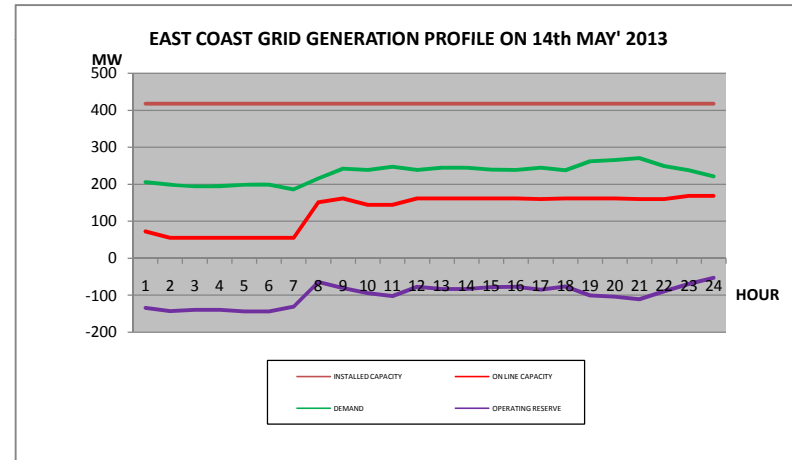
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

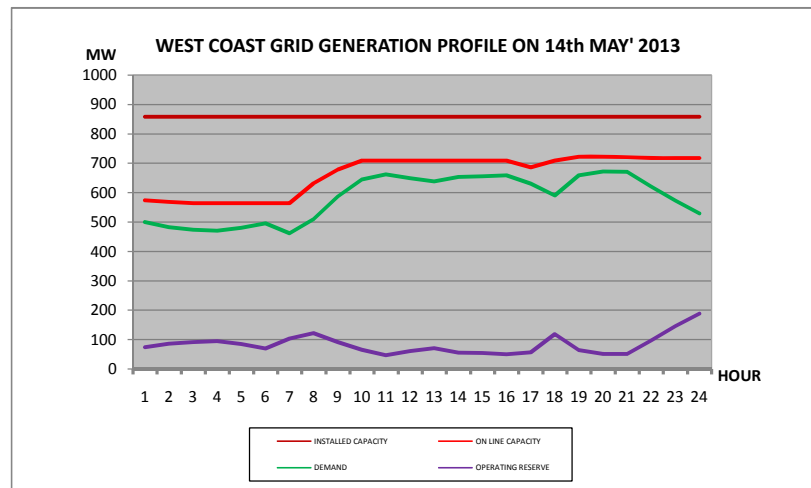
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		72	55	55	55	55	55	55	151.5	161.5	144.5	144.5	161.5	161.5	161.5	161.5	161.5	159.5	161.5	161.5	161.5	159.5	159.5	168.5	168.5
<b>DEMAND</b>		205.84	198.34	194.39	194.06	198.79	198.55	185.5	215.34	242.15	238.7	246.89	238.5	244.6	244.27	239.32	238.89	244.38	237.56	261.61	265.65	270.61	248.91	237.52	221.25
<b>OPERATING RESERVE</b>		-133.84	-143.34	-139.39	-139.06	-143.79	-143.55	-130.5	-63.84	-80.65	-94.2	-102.39	-77	-83.1	-82.77	-77.82	-77.39	-84.88	-76.06	-100.11	-104.15	-111.11	-89.41	-69.02	-52.75
East Cost		8370.87	6437.43	6304.31	6437.09	6360.35	6459.84	6233.65	19121.5	23126.7	19716.7	20895.2	22049.8	22647	22743.3	22672	22834.9	20736.1	23262.2	23535.7	22391.8	21227.6	20976.7	21595.9	20758.1

EAST COAST GRID OPERATION



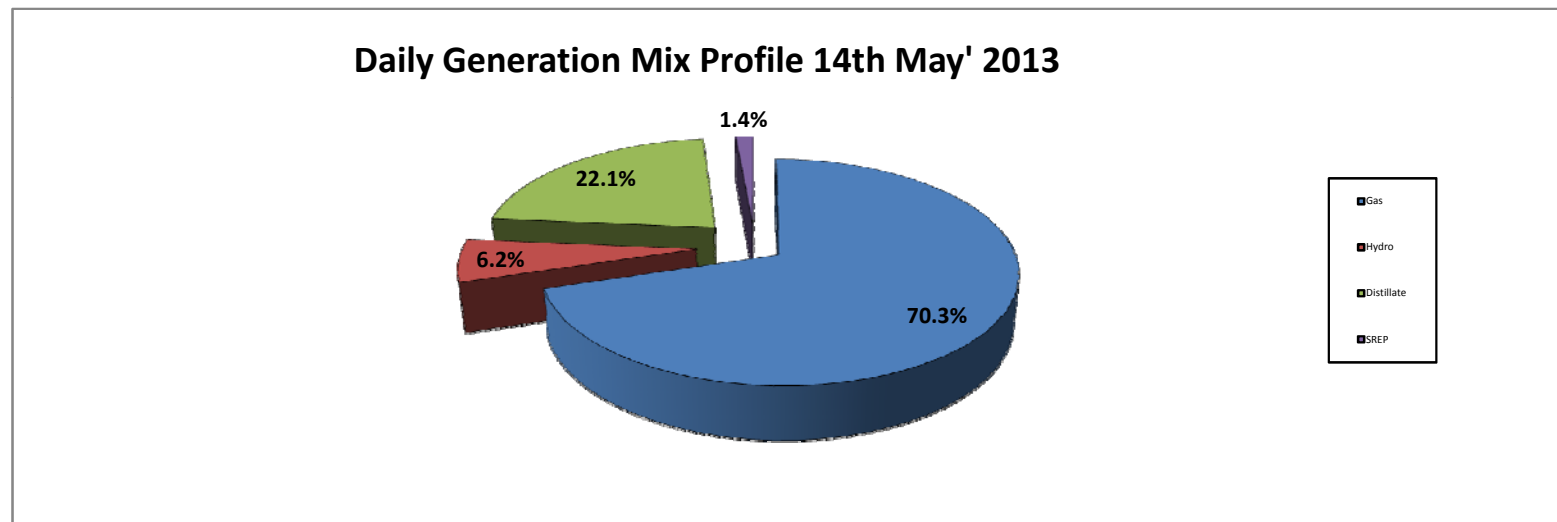
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		574	569	564.5	564.5	564.5	564.5	564.5	632	678.2	708.7	708.7	708.7	708.7	708.7	708.7	708.7	686.7	708.7	722.2	722.2	721.6	718	718	718
<b>DEMAND</b>		499.9	482.6	473.5	470.1	479.7	494.9	461.7	510.1	586.35	643.95	662.15	648.35	638.45	653.15	655.05	658.65	630.35	589.75	658.55	671.65	671	620.9	572.4	529.5
<b>OPERATING RESERVE</b>		74.1	86.4	91	94.4	84.8	69.6	102.8	121.9	91.85	64.75	46.55	60.35	70.25	55.55	53.65	50.05	56.35	118.95	63.65	50.55	50.6	97.1	145.6	188.5
West Cost		38731.4	37321.2	36204.4	35942.7	36550.3	37579.7	35601.3	40436.1	47124	51135.5	53244.5	51846.4	51340.6	52712.4	52781.7	53125.4	51710.6	48100.9	52601.9	53437.3	53032.4	48613.9	44996.8	43941.7

WEST COAST GRID OPERATION



**Generation Mix Profile for 14th May 2013**

Gas	11,453 MWh
Hydro	1,009 MWh
Distillate	3,609 MWh
SREP	228 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,790.80 MWh	1,563.30 MWh	928.20 MWh	- MWh
IPP	1,817.90 MWh	9,889.30 MWh	80.40 MWh	- MWh
SREP	- MWh	- MWh	MWh	228.00 MWh
<b>TOTAL</b>	<b>3,608.70 MWh</b>	<b>11,452.60 MWh</b>	<b>1,008.60 MWh</b>	<b>228.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	10%	6%	0%
IPP	11%	61%	0%	0%
SREP	0%	0%	0%	1%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,297.90			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	1%
GAS (SESB)	10%
GAS (IPP)	61%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

