

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (13th MAY' 2013)</b>	860 MW	793 MW	-7.80%
<b>Maximum Energy (13th MAY' 2013)</b>	17.6 MW	15.6 GWh	-11.36%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

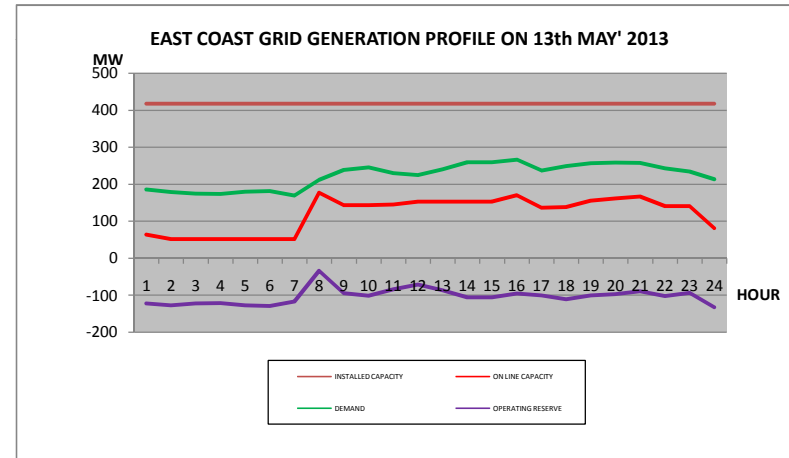
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

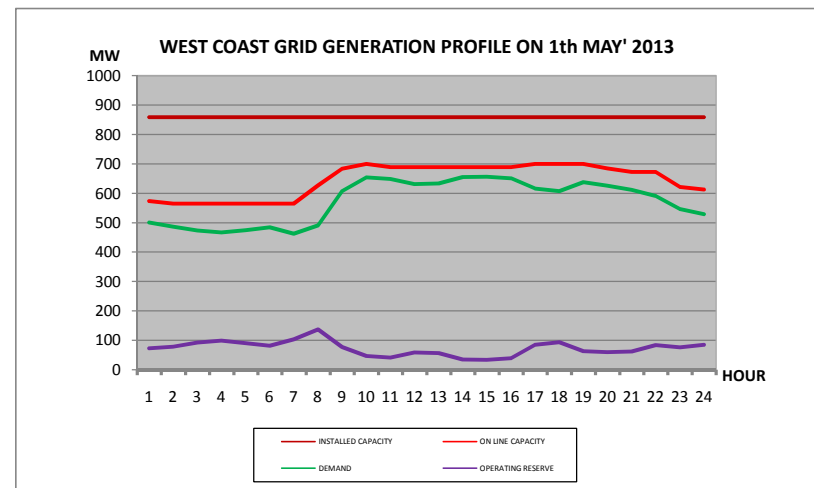
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		64	52	52	52	52	52	52	177.5	143.5	143.5	145.5	153.5	153.5	153.5	153.5	170.5	136.5	138.5	155.5	161.5	167.5	141	141	81
DEMAND		185.83	179.03	174.46	173.64	179.63	181.37	169.17	211.46	238.34	244.89	229.32	224.31	240.21	259	259.15	266.08	236.77	249.05	256.31	258.72	257.05	242.95	234.44	213.48
OPERATING RESERVE		-121.83	-127.03	-122.46	-121.64	-127.63	-129.37	-117.17	-33.96	-94.84	-101.39	-83.82	-70.81	-86.71	-105.5	-105.65	-95.58	-100.27	-110.55	-100.81	-97.22	-89.55	-101.95	-93.44	-132.48
East Cost		9934.11	8608.19	8556.45	8604.87	8158.33	8597.4	8656.25	21779.6	19114.6	18989.7	20048.5	20879.8	21131.4	22096	21752.6	23107.5	18325.4	18772.2	21329	21492	21659.4	17383.2	17271.1	8784.35

EAST COAST GRID OPERATION



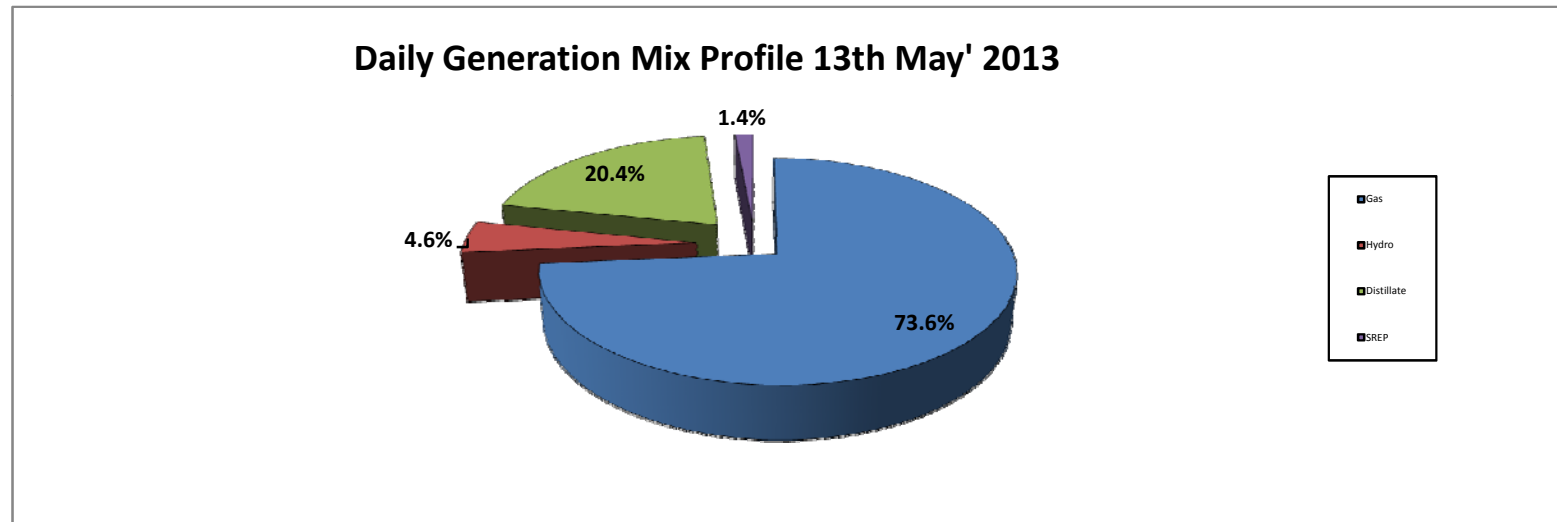
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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
ON LINE CAPACITY		573	564.5	564.5	564.5	564.5	564.5	564.5	627	684.2	700.2	689.2	689.2	689.2	689.2	689.2	689.2	700.2	700.2	700.2	685	673	673	621	613
DEMAND		500.3	486.5	472.7	466	474.3	483.9	462.1	490.3	607.45	654.35	648.95	630.65	632.85	654.65	656.05	650.45	616.15	607.35	637.15	625.2	611.8	590.2	545.5	528.7
OPERATING RESERVE		72.7	78	91.8	98.5	90.2	80.6	102.4	136.7	76.75	45.85	40.25	58.55	56.35	34.55	33.15	38.75	84.05	92.85	63.05	59.8	61.2	82.8	75.5	84.3
West Cost		39183.2	36679.7	36243.7	35874	36428.4	36815.3	35418.2	38768.8	49100.1	53496.8	52814.3	50992.8	51316.3	53230.8	53198.3	52666.7	50257.1	49674.7	51876.5	50068.3	48960	47212.1	42026.2	40616.3

WEST COAST GRID OPERATION



**Generation Mix Profile for 13th May 2013**

Gas	11,690 MWh
Hydro	726 MWh
Distillate	3,236 MWh
SREP	228 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,623.55 MWh	1,737.80 MWh	652.20 MWh	- MWh
IPP	1,612.80 MWh	9,952.30 MWh	73.60 MWh	- MWh
SREP	- MWh	- MWh	MWh	228.00 MWh
<b>TOTAL</b>	<b>3,236.35 MWh</b>	<b>11,690.10 MWh</b>	<b>725.80 MWh</b>	<b>228.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	11%	4%	0%
IPP	10%	63%	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>	15,880.25			

DIST (IPP)	10%
DIST (SESB)	10%
SREP	1%
GAS (SESB)	11%
GAS (IPP)	63%
HYDRO (SESB)	4%
HYDRO (IPP)	0%
total	100%

