

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (15th MAY' 2013)</b>	860 MW	803 MW	-6.58%
<b>Maximum Energy (15th MAY' 2013)</b>	17.2 MW	15.2 GWh	-11.63%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

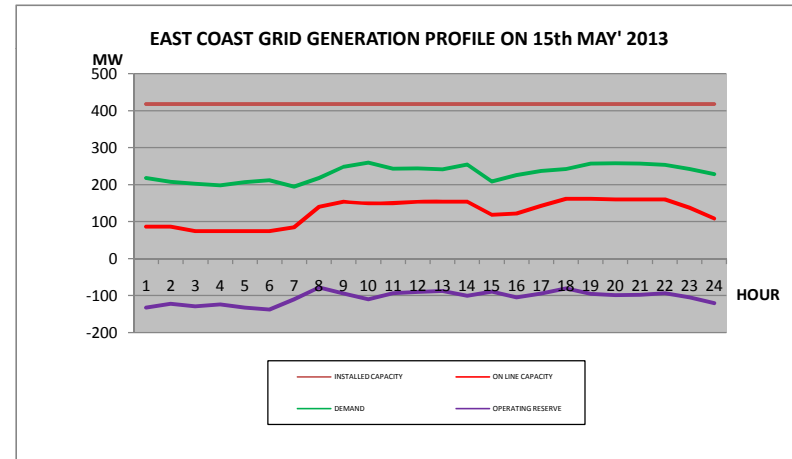
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

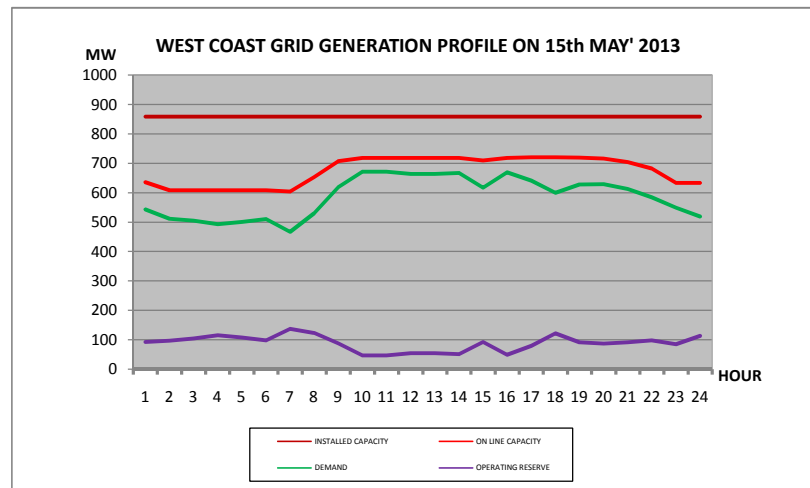
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		86	86	74	74	74	74	84	139.5	153.5	149.5	149.5	153.5	153.5	153.5	118.5	121.5	142.5	161.5	161.5	159.5	159.5	159.5	137	108
<b>DEMAND</b>		217.78	207.46	202.27	197.39	206.26	211.2	194.11	217.48	247.83	259.39	243.12	243.68	240.79	253.88	207.98	225.74	236.77	242.12	257.07	258.06	256.89	253.07	241.97	227.72
<b>OPERATING RESERVE</b>		-131.78	-121.46	-128.27	-123.39	-132.26	-137.2	-110.11	-77.98	-94.33	-109.89	-93.62	-90.18	-87.29	-100.38	-89.48	-104.24	-94.27	-80.62	-95.57	-98.56	-97.39	-93.57	-104.97	-119.72
East Cost		9783.26	9899.54	8432.94	8621.45	8655.06	8632.65	10242	20410.5	22712.8	22945.5	23114.8	23112.6	22791.9	23103.7	16738.7	16475	17457.9	20035.8	25478	25131.3	25315.9	24533	21747.4	16724.4

EAST COAST GRID OPERATION



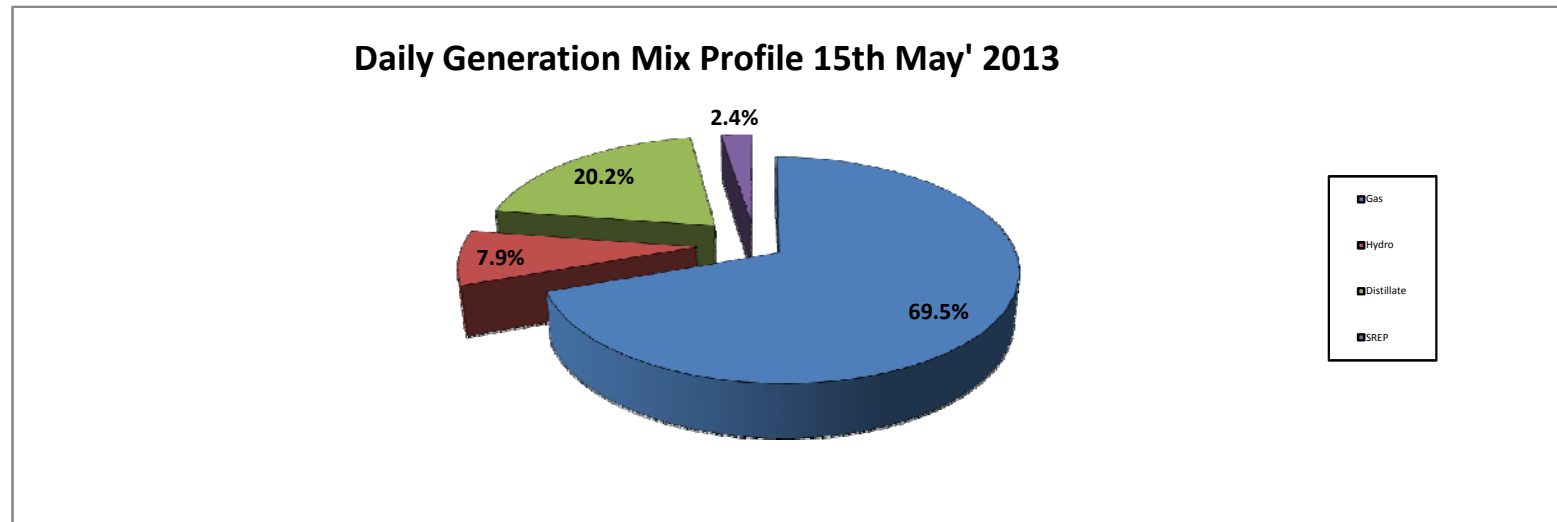
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		635	608.5	608.5	608.5	608.5	608.5	604	652.5	706.7	717.7	717.7	717.7	717.7	717.7	709.7	717.7	720.2	720.2	719.6	716	704	682	633	633
<b>DEMAND</b>		542.9	511.2	504.3	492.6	500.1	510.4	466.7	529.3	619.15	670.65	670.85	663.65	662.95	666.75	616.75	668.25	640.45	598.65	627.7	628.3	612.1	584.2	547.7	519.2
<b>OPERATING RESERVE</b>		92.1	97.3	104.2	115.9	108.4	98.1	137.3	123.2	87.55	47.05	46.85	54.05	54.75	50.95	92.95	49.45	79.75	121.55	91.9	87.7	91.9	97.8	85.3	113.8
West Cost		40297.9	36610.2	36239.7	35418.5	36030.2	36714	33804	40745.9	48502.9	52752.1	53034.2	52289.7	52164.5	52717.2	47944	52505.1	50428.8	47315.6	49426.5	49123.2	48376.4	45484.7	40266.8	38555.2

WEST COAST GRID OPERATION



**Generation Mix Profile for 15th May 2013**

Gas	11,435 MWh
Hydro	1,293 MWh
Distillate	3,319 MWh
SREP	399 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,914.60 MWh	1,756.40 MWh	1,243.20 MWh	- MWh
IPP	1,404.50 MWh	9,678.90 MWh	49.40 MWh	- MWh
SREP	- MWh	- MWh	MWh	398.60 MWh
<b>TOTAL</b>	<b>3,319.10 MWh</b>	<b>11,435.30 MWh</b>	<b>1,292.60 MWh</b>	<b>398.60 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	8%	0%
IPP	9%	59%	0%	0%
SREP	0%	0%	0%	2%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,445.60			

DIST (IPP)	9%
DIST (SESB)	12%
SREP	2%
GAS (SESB)	11%
GAS (IPP)	59%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

