

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (15th SEPT' 2013)</b>	745 MW	713 MW	-4.30%
<b>Maximum Energy (15th SEPT' 2013)</b>	15.8 MW	13.3 GWh	-15.82%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.81%

Prepared by:

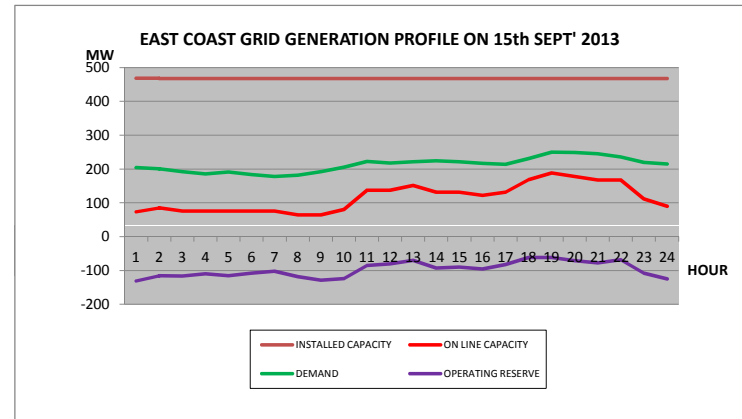
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

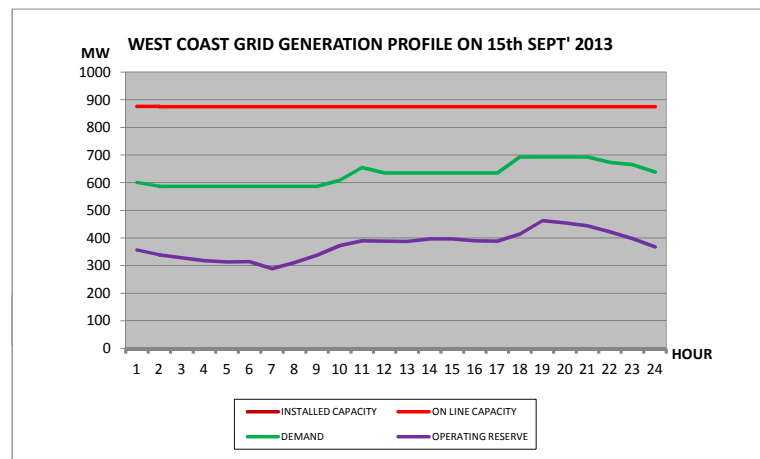
<b>EAST COAST GRID</b>																							
<b>INSTALLED CAPACITY</b>		467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
<b>ON LINE CAPACITY</b>		73	85	76	76	76	76	76	64	64	81	137	137	152	132	132	122	132	169	188.5	178.5	168	168
<b>DEMAND</b>		204.22	200.34	192.04	185.81	191.38	184.1	178.07	182.24	192.41	205.01	222.23	217.78	221.58	224.59	221.48	217.17	213.82	230.59	249.94	249.08	245.16	235.96
<b>OPERATING RESERVE</b>		-131.22	-115.34	-116.04	-109.81	-115.38	-108.1	-102.07	-118.24	-128.41	-124.01	-85.23	-80.78	-69.58	-92.59	-89.48	-95.17	-81.82	-61.59	-61.44	-70.58	-77.16	-67.96

EAST COAST GRID OPERATION



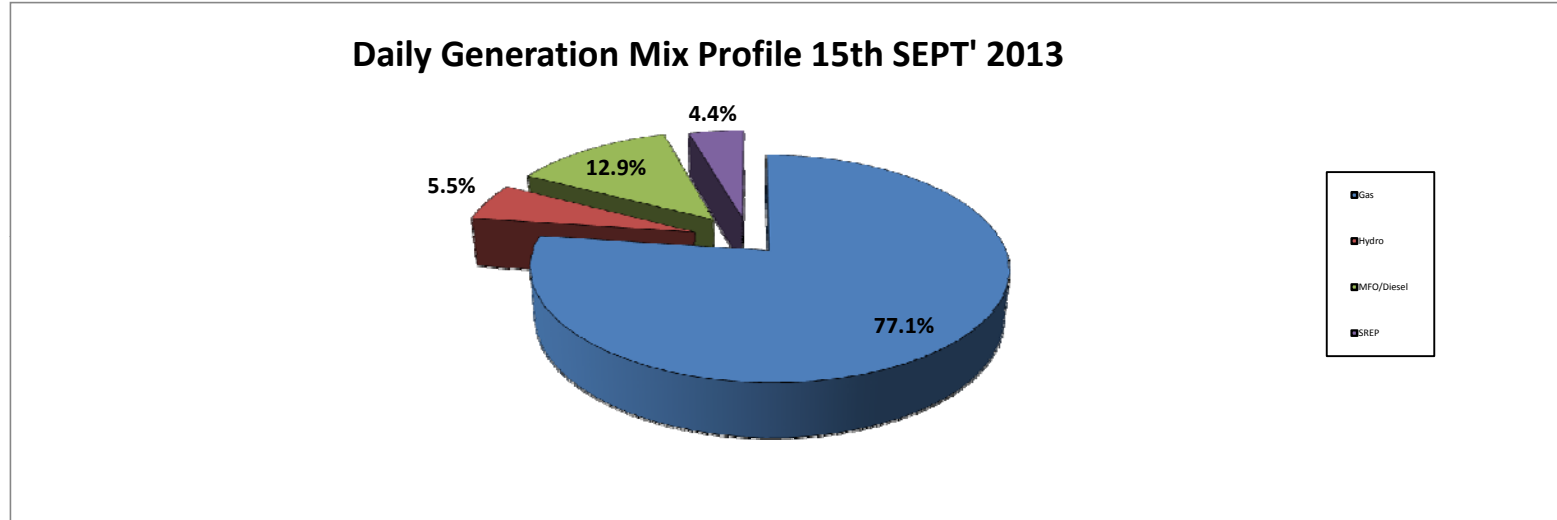
<b>WEST COAST GRID</b>																									
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>
<b>INSTALLED CAPACITY</b>		875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1	875.1
<b>ON LINE CAPACITY</b>		600.5	587	587	587	587	587	587	587	587	609	654.5	635.5	635.5	635.5	635.5	635.5	692.5	692.5	692.5	692.5	673.5	665.5	639	
<b>DEMAND</b>		356.48	338.86	328.56	317.49	312.82	314.6	289.13	311.26	337.29	371.89	389.17	388.22	386.72	396.41	396.22	389.33	388.68	414.21	463.06	453.82	444.34	422.54	397.63	367.59
<b>OPERATING RESERVE</b>		244.02	248.14	258.44	269.51	274.18	272.4	297.87	275.74	249.71	237.11	265.33	247.28	248.78	239.09	239.28	246.17	246.82	278.29	229.44	238.68	248.16	250.96	267.87	271.41

WEST COAST GRID OPERATION



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

Gas	10,516 MWh
Hydro	747 MWh
MFO/Diesel	1,763 MWh
SREP	606 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	731.61 MWh	1,753.78 MWh	674.20 MWh	- MWh
IPP	1,031.72 MWh	8,761.87 MWh	72.49 MWh	- MWh
SREP	- MWh	- MWh	MWh	605.61 MWh
<b>TOTAL</b>	<b>1,763.33 MWh</b>	<b>10,515.65 MWh</b>	<b>746.69 MWh</b>	<b>605.61 MWh</b>

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	5%	13%	5%	0%
IPP	8%	64%	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>	13,631.28			

DIST (IPP)	8%
DIST (SESB)	5%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	64%
HYDRO (SESB)	5%
HYDRO (IPP)	1%
total	100%

