

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (21st SEPT' 2012)</b>	800 MW	804 MW	0.46%
<b>Maximum Energy (21st SEPT' 2012)</b>	16.3 MW	15.4 GWh	-5.52%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

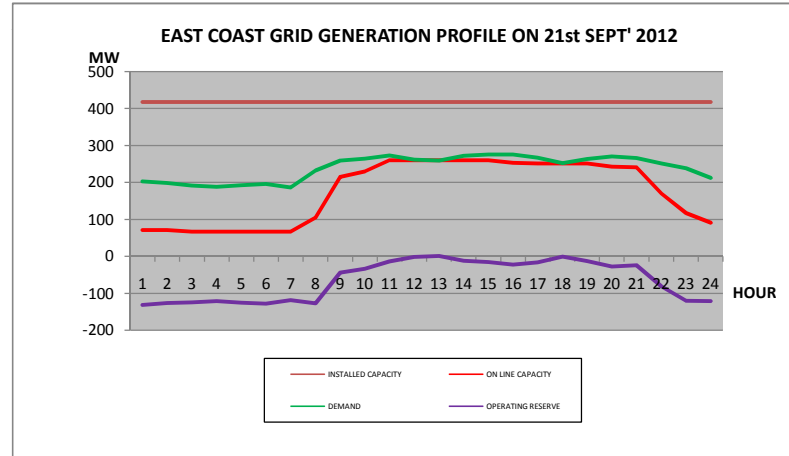
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

25-Sep-12

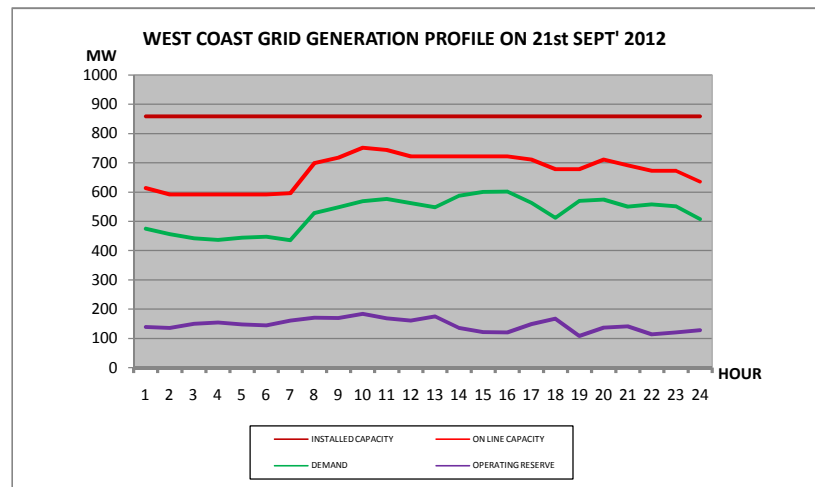
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		71	71	67	67	67	67	67	105	215.1	230.1	260.1	260.1	260.1	260.1	260.1	253.1	251.1	251.1	251.1	243.1	241.3	170	117	91
<b>DEMAND</b>		202.74	197.76	191.42	188.1	192.44	195.3	185.98	232.09	259.16	263.81	273.12	261.34	258.75	272.16	274.94	275.34	267	251.52	263.28	270.4	265.44	251.45	237.65	211.9
<b>OPERATING RESERVE</b>		-131.74	-126.76	-124.42	-121.1	-125.44	-128.3	-118.98	-127.09	-44.06	-33.71	-13.02	-1.24	1.35	-12.06	-14.84	-22.24	-15.9	-0.42	-12.18	-27.3	-24.14	-81.45	-120.65	-120.9
East Cost		9763.71	9721.32	9786.12	8269.9	9950.52	8988.78	9974.57	14255.6	26225.4	28031.3	31281.7	30188.7	29967	30663.6	30527.5	29953.3	28587.3	28516.5	30583.3	28228.2	28183.7	20099.4	15270.4	11633.1

EAST COAST GRID OPERATION



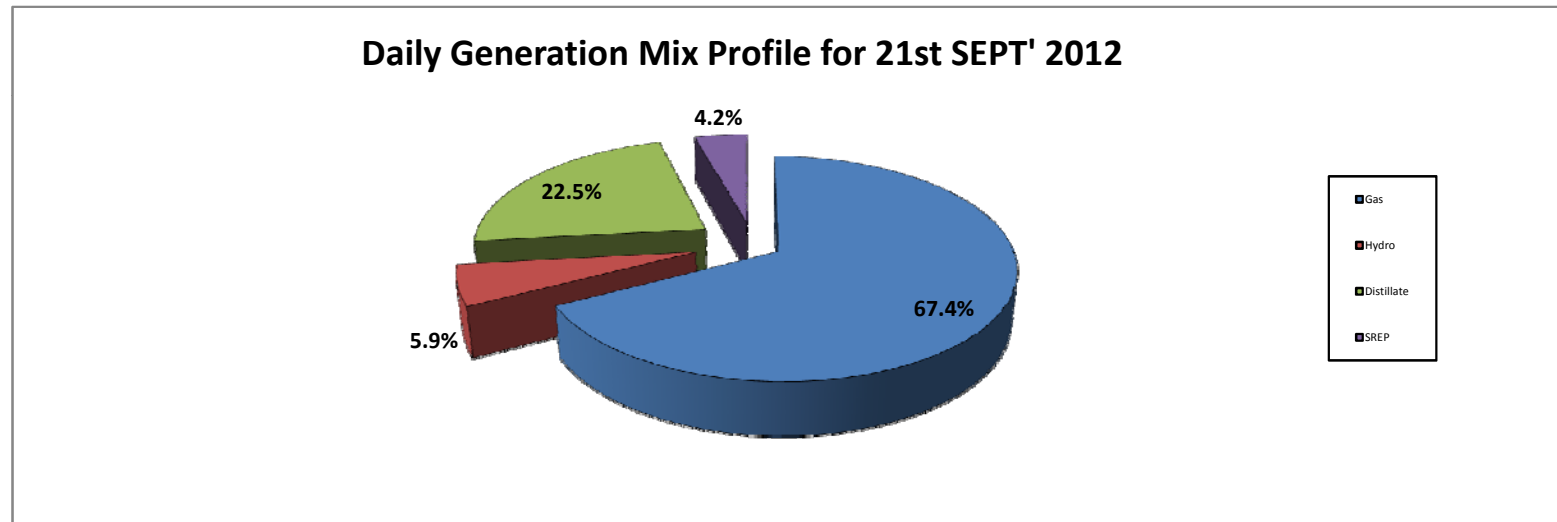
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		613	591	591	591	591	591	595.5	698.5	717.5	751.5	744	722	722	722	722	711	678	678	711	691	672	672	634.5	
<b>DEMAND</b>		475	456	441.6	437.1	443.9	447.4	435.5	528.1	548.4	568.5	576.1	561.8	548	587	600.5	601.7	562.9	511.8	569.9	574.5	550.8	558.5	551.7	507.2
<b>OPERATING RESERVE</b>		138	135	149.4	153.9	147.1	143.6	160	170.4	169.1	183	167.9	160.2	174	135	121.5	120.3	148.1	166.2	108.1	136.5	140.2	113.5	120.3	127.3
West Cost		36232.2	35972.7	35263	34714.2	35047.8	35613.7	34925.5	42436.9	44846.4	45484.6	46380.3	46813.6	45803.1	48430.9	48468.9	48541.7	44998.6	42838.7	46877.2	47506.2	45178.1	42792.6	42550.7	37532.9

WEST COAST GRID OPERATION



**Generation Mix Profile for 21st September 2012**

Gas	10,773 MWh
Hydro	938 MWh
Distillate	3,601 MWh
SREP	677 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,747.90 MWh	1,473.80 MWh	900.00 MWh	- MWh
IPP	1,853.10 MWh	9,299.10 MWh	37.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	676.90 MWh
<b>TOTAL</b>	<b>3,601.00 MWh</b>	<b>10,772.90 MWh</b>	<b>937.60 MWh</b>	<b>676.90 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	9%	6%	0%
IPP	12%	58%	0%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,988.40			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	58%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

