

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (5th SEPT' 2012)</b>	825 MW	812 MW	-1.62%
<b>Maximum Energy (5th SEPT' 2012)</b>	16.52 GWh	15.83 GWh	-4.18%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

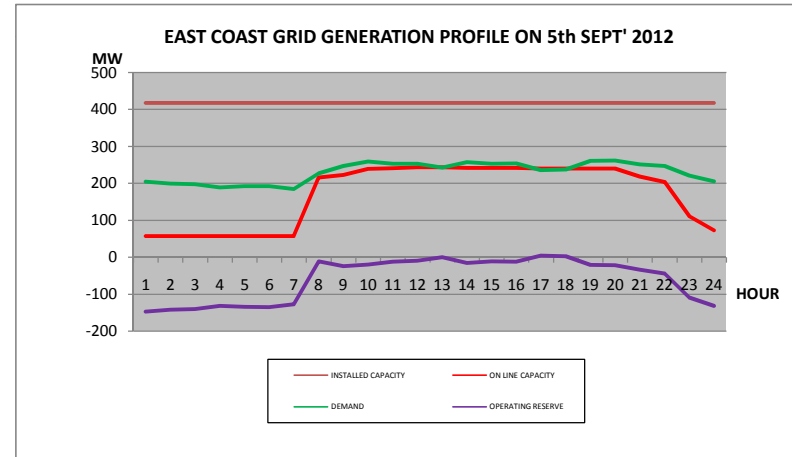
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

14-Sep-12

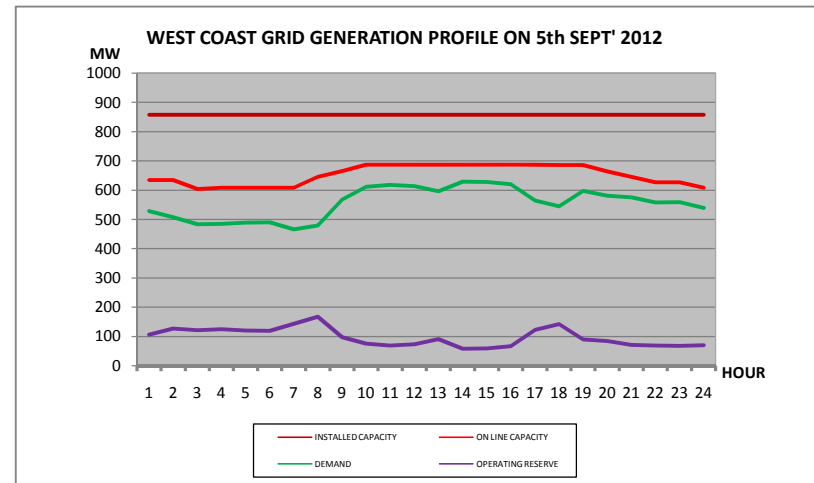
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		57	57	57	57	57	57	57	215.3	222.6	239.2	240.3	243.2	243.2	241.6	241.6	241.6	239.6	239.6	239.6	239.6	218	203	111	73
DEMAND		204.75	199.43	197.8	188.71	191.98	192.47	184.57	226.95	247.06	259.22	252.84	253.33	243.01	257.69	253.28	253.84	235.42	237.49	260.8	261.76	251.68	247.16	220.94	204.98
OPERATING RESERVE		-147.75	-142.43	-140.8	-131.71	-134.98	-135.47	-127.57	-11.65	-24.46	-20.02	-12.54	-10.13	0.19	-16.09	-11.68	-12.24	4.18	2.11	-21.2	-22.16	-33.68	-44.16	-109.94	-131.98
East Cost		7059.58	7124.49	6677.2	7639.98	7472.56	7558.61	7801.92	21854.1	24135.2	26140.8	27231.6	27573.7	27434	27928	27687.3	27219.9	26244.9	26692.4	26594.9	26155.8	22988.6	21557.7	13001.5	8756.64

EAST COAST GRID OPERATION



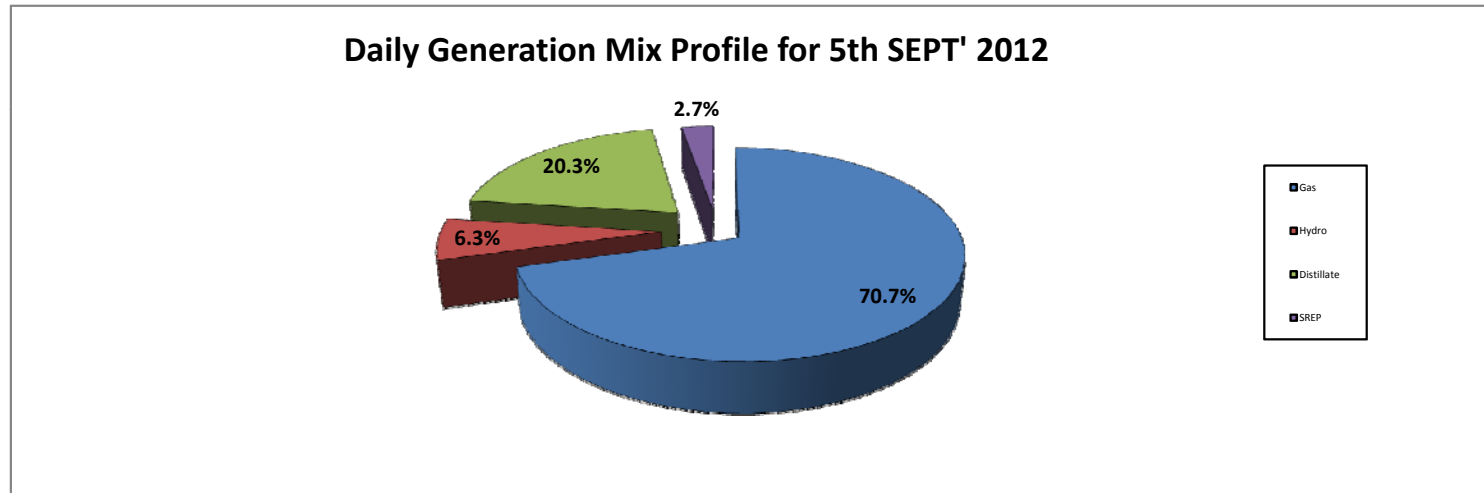
WEST COAST GRID																										
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	
INSTALLED CAPACITY		858.5	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		634.5	634.5	604.5	609	609	609	609	646	665.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	687.1	686.5	686.5	664.5	646	627	627	609
DEMAND		528.2	507.3	483.2	483.8	488.9	490	465.7	478.3	567.35	611.35	617.85	613.35	595.75	628.95	628.05	620.35	564.85	544.2	597	580.4	574.8	558.2	559.2	539.1	
OPERATING RESERVE		106.3	127.2	121.3	125.2	120.1	119	143.3	167.7	97.75	75.75	69.25	73.75	91.35	58.15	59.05	66.75	122.25	142.3	89.5	84.1	71.2	68.8	67.8	69.9	
West Cost		39671.7	38970.8	36094.9	36183.6	36588.2	36507.5	35475.8	37996.7	44506.8	48075.9	48632.8	48277.9	47597.3	49613.9	49450.2	49181	45541.3	43866.6	47520.1	45606.4	44633.3	42227.9	42333.7	39526	

WEST COAST GRID OPERATION



**Generation Mix Profile for 5th September 2012**

Gas	11,546 MWh
Hydro	1,031 MWh
Distillate	3,323 MWh
SREP	433 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,657.95 MWh	2,437.40 MWh	996.00 MWh	- MWh
IPP	1,664.80 MWh	9,108.10 MWh	35.30 MWh	- MWh
SREP	- MWh	- MWh	- MWh	433.00 MWh
<b>TOTAL</b>	<b>3,322.75 MWh</b>	<b>11,545.50 MWh</b>	<b>1,031.30 MWh</b>	<b>433.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	15%	6%	0%
IPP	10%	56%	0%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,332.55			

DIST (IPP)	10%
DIST (SESB)	10%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	56%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

