

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (23rd AUG' 2012)</b>	750 MW	763 MW	1.75%
<b>Maximum Energy (23rd AUG' 2012)</b>	15.5 GWh	14.8 GWh	-4.52%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

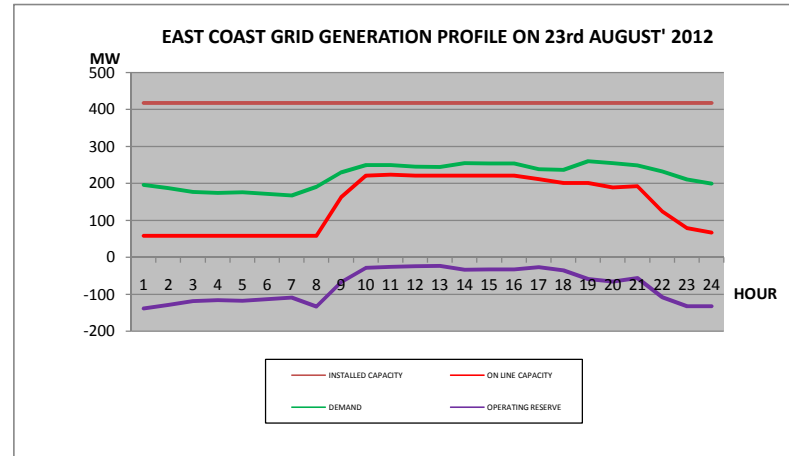
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Sep-12

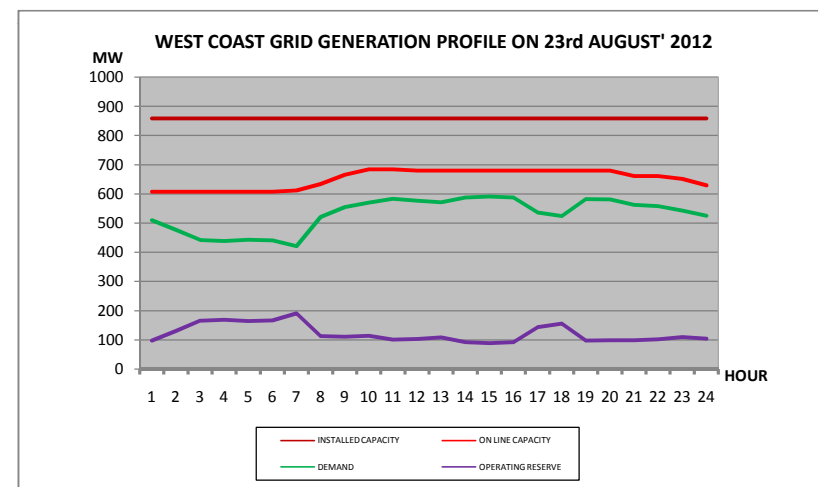
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		58	58	58	58	58	58	58	58	162	221.3	223.5	221.3	221.3	221.3	221.3	221.3	211.5	201	201	189	192	124	79	67	
<b>DEMAND</b>		196.17	186.82	176.7	173.89	175.73	171.26	167.1	191	229.91	249.98	250.07	245.37	244.89	254.82	254	254.14	238.89	236.89	260.28	254.86	248.73	232.1	210.77	199.37	
<b>OPERATING RESERVE</b>		-138.17	-128.82	-118.7	-115.89	-117.73	-113.26	-109.1	-133	-67.91	-28.68	-26.57	-24.07	-23.59	-33.52	-32.7	-32.84	-27.39	-35.89	-59.28	-65.86	-56.73	-108.1	-131.77	-132.37	
East Cost		6428.33	6254.71	6442.45	6340.53	6387.69	6419.1	6507.24	7122.44	15864.6	24797.5	24984.4	25215.3	24658	25718.1	25664.8	25826.8	23897.8	22105.6	22192.1	20859.4	21118.7	13926.5	9665.26	8680.78	398441

EAST COAST GRID OPERATION



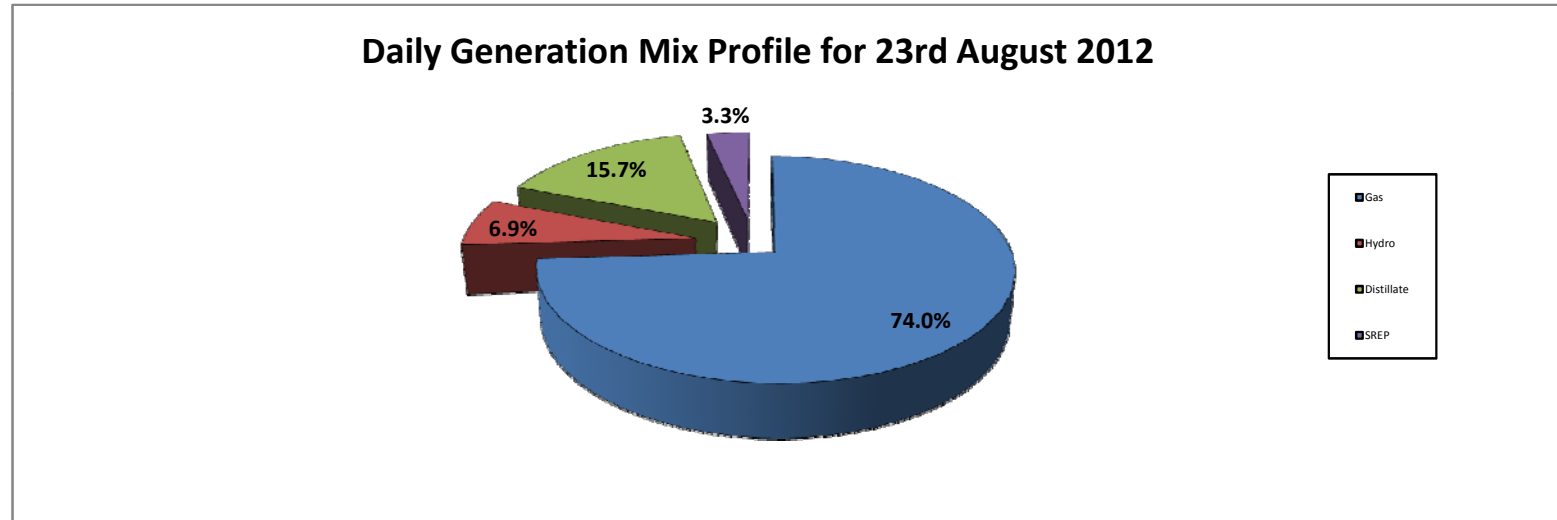
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		607.5	607.5	607.5	607.5	607.5	607.5	612	634	665.5	684.5	684.5	680	680	680	680	680	680	680	680	680	661	661	651.5	629.5
<b>DEMAND</b>		510	477.1	441.7	438.9	442.5	440.8	420.9	520.8	555	570	583.3	577.5	571.2	588.2	591.4	588.5	535.9	524.7	583.1	581.1	562.3	558.7	542.5	525.2
<b>OPERATING RESERVE</b>		97.5	130.4	165.8	168.6	165	166.7	191.1	113.2	110.5	114.5	101.2	102.5	108.8	91.8	88.6	91.5	144.1	155.3	96.9	98.9	98.7	102.3	109	104.3
West Cost		40227	37840	35586	35575	35774	35640	34296	39580	41298	43240	44612	44245	43574	45068	45028	44809	42110	41699	45097	44973	42402	42511	40778	40717

WEST COAST GRID OPERATION



**Generation Mix Profile for 23rd August 2012**

Gas	11,265 MWh
Hydro	1,052 MWh
Distillate	2,397 MWh
SREP	509 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,327.70 MWh	1,469.80 MWh	1,029.00 MWh	- MWh
IPP	1,068.80 MWh	9,794.90 MWh	23.30 MWh	- MWh
SREP	- MWh	- MWh	- MWh	508.70 MWh
<b>TOTAL</b>	<b>2,396.50 MWh</b>	<b>11,264.70 MWh</b>	<b>1,052.30 MWh</b>	<b>508.70 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	10%	7%	0%
IPP	7%	64%	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>	15,222.20			

DIST (IPP)	7%
DIST (SESB)	9%
SREP	3%
GAS (SESB)	10%
GAS (IPP)	64%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

