

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (13th OCT' 2012)</b>	780 MW	776 MW	-0.58%
<b>Maximum Energy (13th OCT' 2012)</b>	15.8 MW	15.2 GWh	-3.80%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

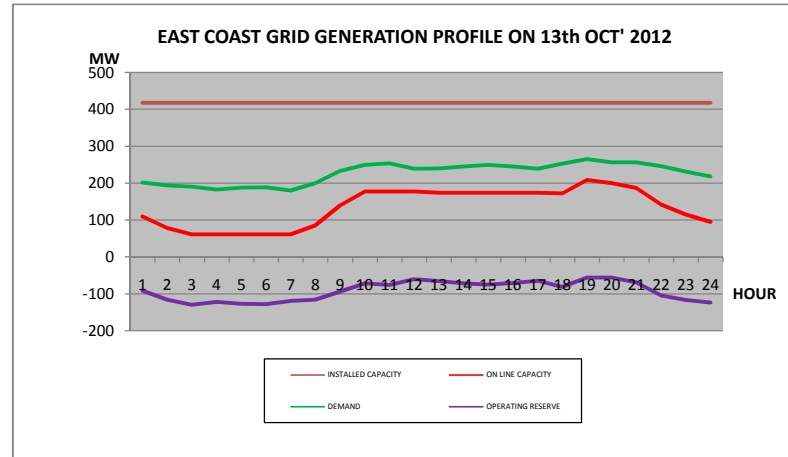
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

12-Oct-12

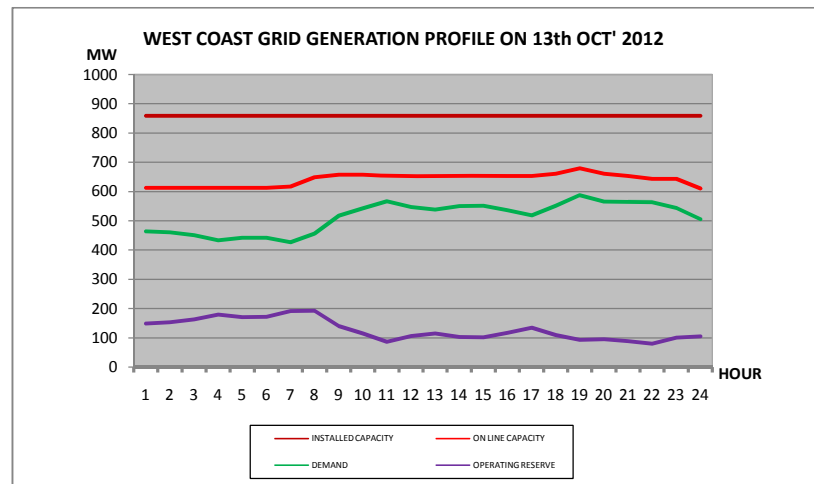
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		110	78	61	61	61	61	61	85	139	178	178	178	174	174	174	174	174	172	209	200	187	142	115	95
<b>DEMAND</b>		201.232	193.63	190.12	182.05	187.27	188.45	179.81	200.24	232.89	249.4	253.64	238.67	239.92	245.22	249.42	244.92	238.63	253.2	265.1	256.49	255.97	246.22	231.13	218.09
<b>OPERATING RESERVE</b>		-91.232	-115.63	-129.12	-121.05	-126.27	-127.45	-118.81	-115.24	-93.89	-71.4	-75.64	-60.67	-65.92	-71.22	-75.42	-70.92	-64.63	-81.2	-56.1	-56.49	-68.97	-104.22	-116.13	-123.09
East Cost		11996.6	9653.3	7664.63	7864.17	7786.75	7864.28	7764.68	10318.5	15249.1	18497.4	19227.1	19504.4	19416.3	19537.8	19249.1	19016.3	19006	18625.4	22441.3	22066.6	20560.3	15682.9	14032.5	12596.7

EAST COAST GRID OPERATION



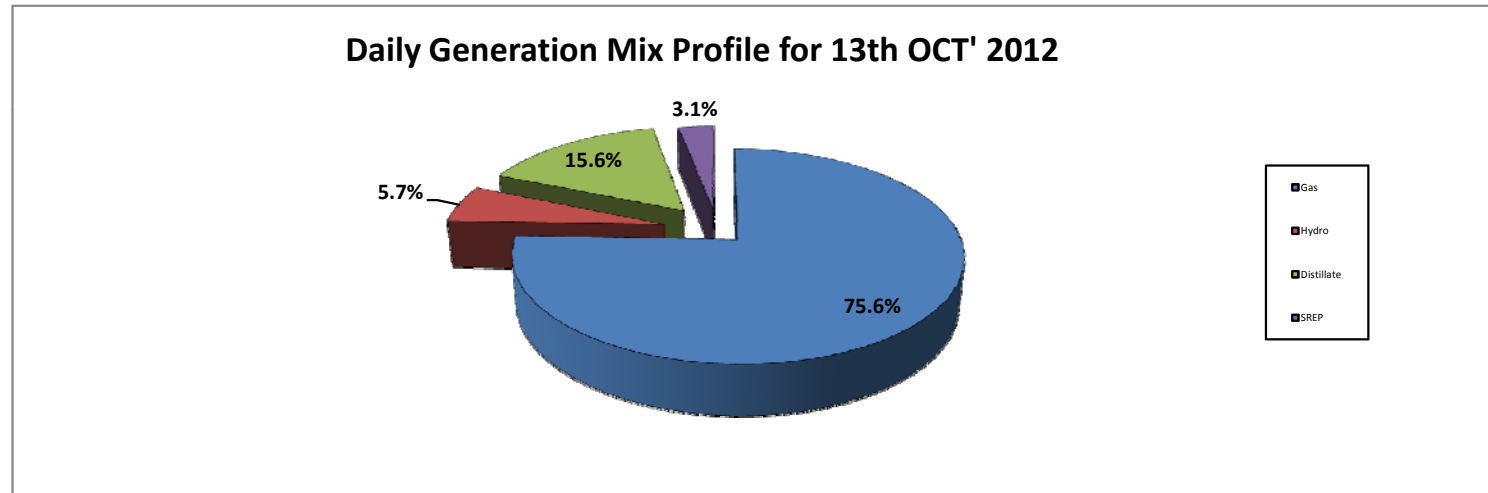
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		612.5	612.5	612.5	612.5	612.5	612.5	617	648.5	657	657	652.5	652.5	652.5	652.5	652.5	652.5	652.5	660.5	679.5	660.5	652.5	643	643	610
<b>DEMAND</b>		463.5	460	450.2	432.8	441.6	441	426.2	456.1	517.7	542.6	566.3	546.7	538.1	549.9	550.6	536.2	518.6	551	587.3	565.81	564	563.5	543.1	505.2
<b>OPERATING RESERVE</b>		149	152.5	162.3	179.7	170.9	171.5	190.8	192.4	139.3	114.4	86.2	105.8	114.4	102.6	101.9	116.3	133.9	109.5	92.2	94.69	88.5	79.5	99.9	104.8
West Cost		36247.4	35587	34970	34231.7	34953.2	34906.8	34087.7	35819.3	39671.6	41073.7	42514.1	41429.9	40994.2	41930.4	41986.4	41059.5	39711.1	42372.2	45574	43120.1	42653.6	42014.7	41921	38872.1

WEST COAST GRID OPERATION



**Generation Mix Profile for 13th October 2012**

Gas	11,230 MWh
Hydro	853 MWh
Distillate	2,319 MWh
SREP	455 MWh



	DISTILLATE		GAS		HYDRO		BIOMASS	
SESB	1,062.50	MWh	1,947.70	MWh	816.00	MWh	-	MWh
IPP	1,256.51	MWh	9,282.40	MWh	36.70	MWh	-	MWh
SREP	-	MWh	-	MWh	-	MWh	455.00	MWh
<b>TOTAL</b>	<b>2,319.01</b>	<b>MWh</b>	<b>11,230.10</b>	<b>MWh</b>	<b>852.70</b>	<b>MWh</b>	<b>455.00</b>	<b>MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	13%	5%	0%
IPP	8%	62%	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>	<b>14,856.81</b>			

DIST (IPP)	8%
DIST (SESB)	7%
SREP	3%
GAS (SESB)	13%
GAS (IPP)	62%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

