

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (1st OCT' 2012)</b>	780 MW	808 MW	3.64%
<b>Maximum Energy (1st OCT' 2012)</b>	15.8 MW	15.7 GWh	-0.63%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

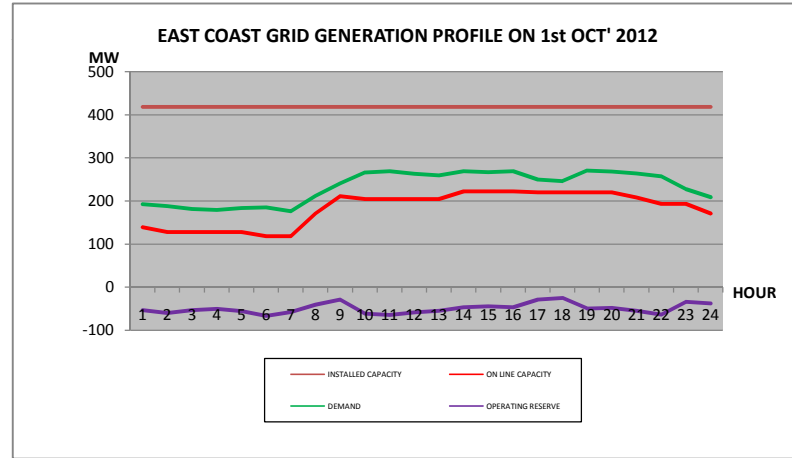
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Oct-12

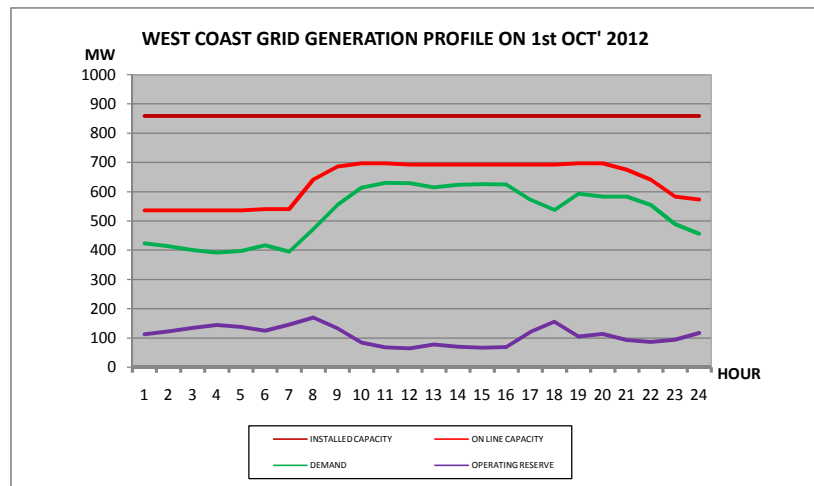
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		138.5	128	128	128	128	118	118	171	211.3	204.1	204.1	204.1	204.1	222.1	222.1	222.1	220.1	220.1	220.1	220.1	208.1	193.1	193.1	170.5
<b>DEMAND</b>		192.42	187.94	181.37	178.84	183.47	184.92	175.91	211.7	240.51	266.1	268.79	262.72	258.89	268.74	266.7	269.02	249.43	245.56	270.29	268.16	263.25	256.85	227.14	208.34
<b>OPERATING RESERVE</b>		-53.92	-59.94	-53.37	-50.84	-55.47	-66.92	-57.91	-40.7	-29.21	-62	-64.69	-58.62	-54.79	-46.64	-44.6	-46.92	-29.33	-25.46	-50.19	-48.06	-55.15	-63.75	-34.04	-37.84
East Cost		17156.1	15727.6	14298.2	14387.6	14476.4	12260.3	12596.7	17135.1	22223.9	24364.2	25533.6	24496.2	24652.3	27226.1	26971.1	26441.8	25399.3	26957	26660.8	26531.6	24973.7	24042.2	24160.5	20882

EAST COAST GRID OPERATION



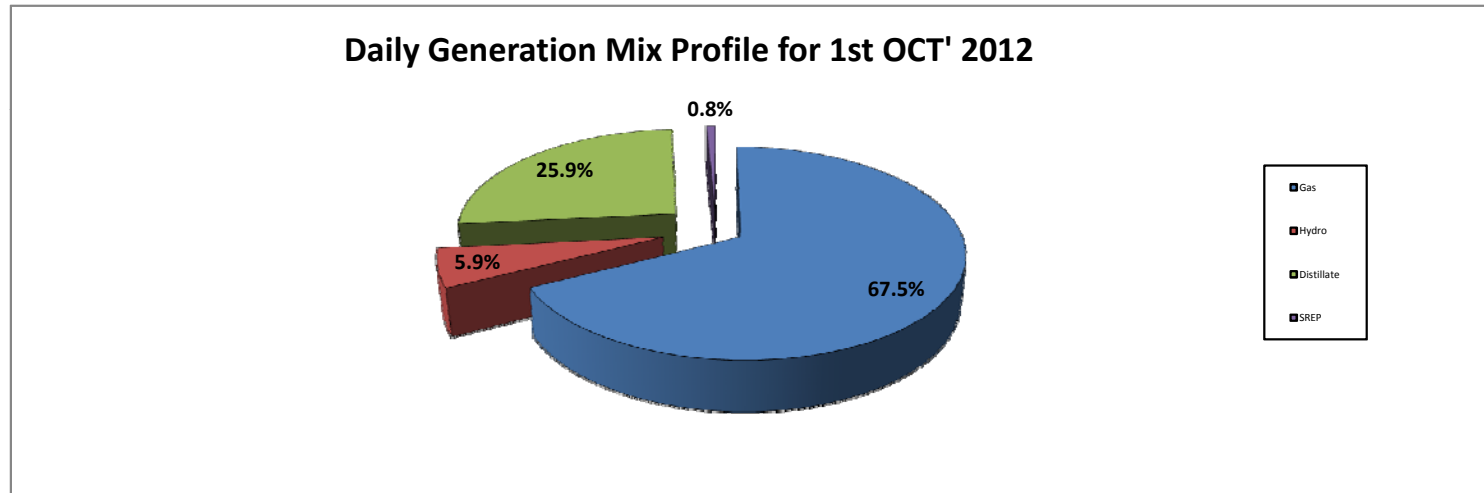
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		536	536	536	536	536	540.5	540.5	641	686	697	697	692.5	692.5	692.5	692.5	692.5	692.5	692.5	697	697	675	641	583	573.5
<b>DEMAND</b>		423.1	414.1	401	391.8	397.7	416.4	395.4	471.4	554.1	613	629.8	628.3	614.8	623.1	625.7	624.3	572.2	536.7	592.3	583.3	582.6	554.6	489.5	456.1
<b>OPERATING RESERVE</b>		112.9	121.9	135	144.2	138.3	124.1	145.1	169.6	131.9	84	67.2	64.2	77.7	69.4	66.8	68.2	120.3	155.8	104.7	113.7	92.4	86.4	93.5	117.4
West Cost		34158.2	33584.3	32818.3	32352.8	32702.1	33930.1	32447.7	40287.2	44047.4	48564.2	48268.6	48167.6	47475.2	48021	48297	48046.6	45468.9	43492.1	46914.2	46218.8	46779.5	43833	38621.6	36293.1

WEST COAST GRID OPERATION



**Generation Mix Profile for 1st October 2012**

Gas	10,860 MWh
Hydro	946 MWh
Distillate	4,165 MWh
SREP	121 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	2,196.80 MWh	861.40 MWh	903.00 MWh	- MWh
IPP	1,968.20 MWh	9,998.10 MWh	43.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	120.90 MWh
<b>TOTAL</b>	<b>4,165.00 MWh</b>	<b>10,859.50 MWh</b>	<b>946.00 MWh</b>	<b>120.90 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	14%	5%	6%	0%
IPP	12%	62%	0%	0%
SREP	0%	0%	0%	1%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	16,091.40			

DIST (IPP)	12%
DIST (SESB)	14%
SREP	1%
GAS (SESB)	5%
GAS (IPP)	62%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

