

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (4th OCT' 2012)</b>	805 MW	806 MW	0.14%
<b>Maximum Energy (4th OCT' 2012)</b>	16.2 MW	15.7 GWh	-3.09%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

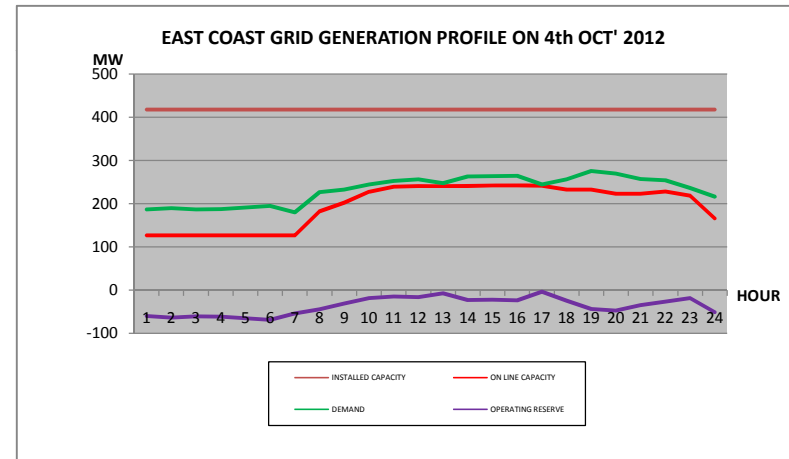
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Oct-12

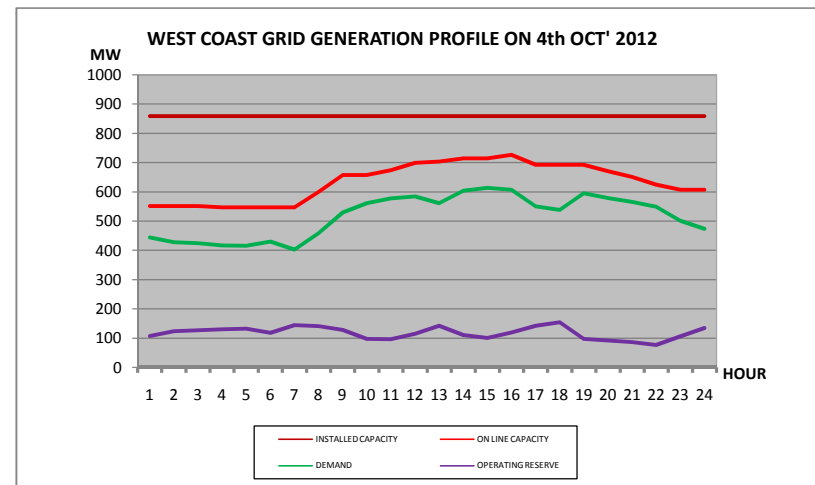
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		127	127	127	127	127	127	127	182.5	202.3	227.1	239.3	240.8	240.8	240.8	242.1	242.1	241.7	232.7	232.7	223.1	223.1	228.3	218.5	166
<b>DEMAND</b>		186.71	190	187.1	187.91	191.77	195.44	180.31	226.84	232.97	245.13	253.39	256.96	247.7	263.62	264.08	265.3	245.02	256.75	276.1	270.13	257.77	254.78	236.78	216.57
<b>OPERATING RESERVE</b>		-59.71	-63	-60.1	-60.91	-64.77	-68.44	-53.31	-44.34	-30.67	-18.03	-14.09	-16.16	-6.9	-22.82	-21.98	-23.2	-3.32	-24.05	-43.4	-47.03	-34.67	-26.48	-18.28	-50.57
East Cost		14822.4	14897.3	15030	14929.4	15081.1	14930.6	14555.3	21750.8	24067.4	28507.8	29999.9	29177.3	29429.3	29242.5	29212.6	29206.6	29027.6	28660	27236.7	26301	26376.2	26312.8	24643.4	19425.2

EAST COAST GRID OPERATION



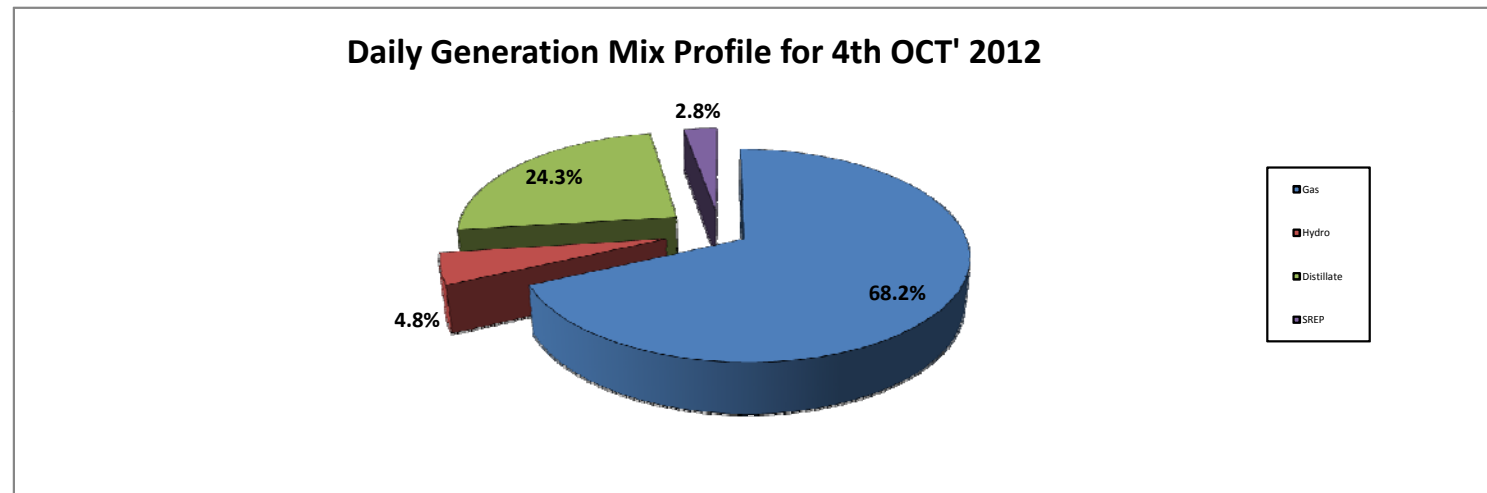
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		552	552	552	547.5	547.5	547.5	547.5	599.5	658.5	658.5	674	699.5	704	715	715	727	693	693	693	671	652	625.5	607.5	607.5
<b>DEMAND</b>		444.7	428.1	425	417.4	415.8	429.9	402.9	458.5	530.2	561.7	577.6	584.8	561.8	604.6	614.1	607.7	550.9	538.9	595.8	579.1	566.1	549.2	501.4	473.6
<b>OPERATING RESERVE</b>		107.3	123.9	127	130.1	131.7	117.6	144.6	141	128.3	96.8	96.4	114.7	142.2	110.4	100.9	119.3	142.1	154.1	97.2	91.9	85.9	76.3	106.1	133.9
West Cost		34992.4	34210.2	33950.6	33358.9	33221.4	33915.7	32226.3	35964.7	42105	44483.7	46041	47012.7	45133.1	48354.9	49114.3	49044.2	46080.7	44966.7	48817.1	46966.6	44895.2	44792.2	40001.5	38119.9

WEST COAST GRID OPERATION



**Generation Mix Profile for 4th October 2012**

Gas	10,971 MWh
Hydro	766 MWh
Distillate	3,910 MWh
SREP	444 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	2,080.60 MWh	1,352.30 MWh	726.00 MWh	- MWh
IPP	1,829.30 MWh	9,619.10 MWh	40.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	444.10 MWh
<b>TOTAL</b>	<b>3,909.90 MWh</b>	<b>10,971.40 MWh</b>	<b>766.10 MWh</b>	<b>444.10 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	8%	5%	0%
IPP	11%	60%	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>	16,091.50			

DIST (IPP)	11%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	8%
GAS (IPP)	60%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

