

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
<b>Maximum Demand (23rd MARCH' 2013)</b>	760 MW	765 MW	0.62%
<b>Maximum Energy (23rd MARCH' 2013)</b>	16.5 MW	15.3 GWh	-7.27%
<b>Maximum Demand (record high 18th MARCH' 2013)</b>	840 MW	846 MW	0.65%

Prepared by:

Electricity Market Operations

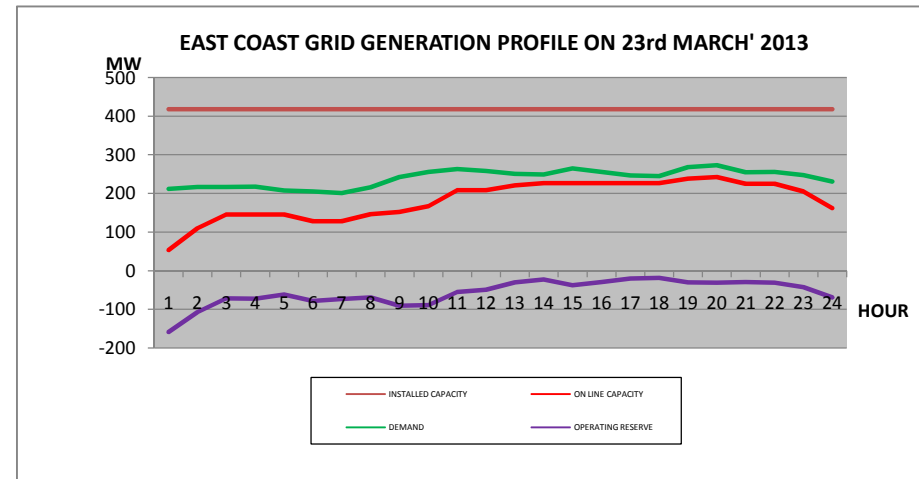
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

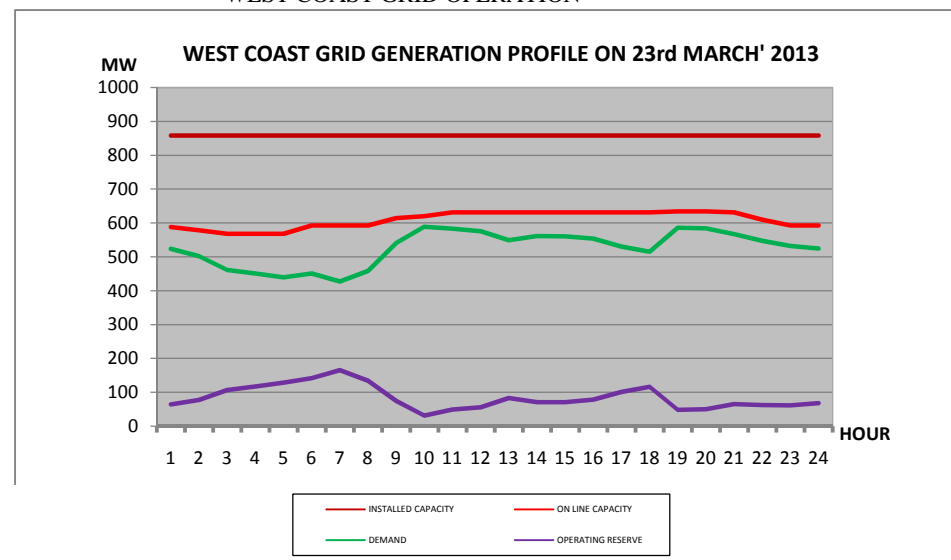
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		54	110	146	146	146	128	128	147	152	167	209	209	221	227	227	227	227	227	238.5	242.5	225.5	225.5	205.5	162
<b>DEMAND</b>		212.47	216.77	217.35	218.03	207.8	205.75	201.31	216.28	242.62	255.78	263.58	258.23	251.44	249.49	264.93	256.46	246.94	245.55	268.77	273.49	255.12	256.4	247.92	231.36
<b>OPERATING RESERVE</b>		-158.47	-106.77	-71.35	-72.03	-61.8	-77.75	-73.31	-69.28	-90.62	-88.78	-54.58	-49.23	-30.44	-22.49	-37.93	-29.46	-19.94	-18.55	-30.27	-30.99	-29.62	-30.9	-42.42	-69.36
East Cost		8325.98	14384.6	17232.1	17752.7	17391.5	15116.9	15437.4	16449.4	19094.2	19739.5	24206.4	24233.6	25784.7	25415.8	26329	24768.3	24244.4	24761.3	27012.1	27415.3	25722.6	25564.6	23326.6	18268.5

EAST COAST GRID OPERATION



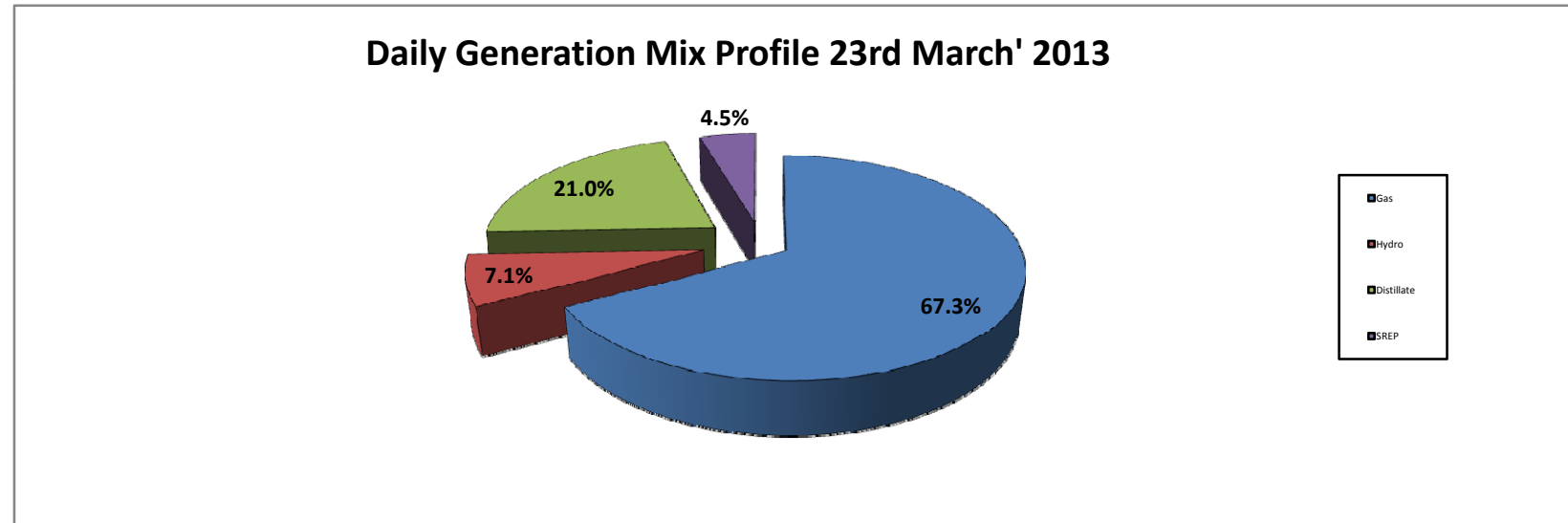
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		588.5	579	568.5	568.5	568.5	593	593	593	615	620	632	632	632	632	632	632	632	632	634.5	634.5	632	610	593	593
<b>DEMAND</b>		523.6	501.7	461.6	450.9	439.8	451.1	427.3	458.8	540.3	588.7	582.6	575.8	549	561.2	560.5	553.4	530.6	515.2	585.8	584.1	566.6	547.2	531.7	524.9
<b>OPERATING RESERVE</b>		64.9	77.3	106.9	117.6	128.7	141.9	165.7	134.2	74.7	31.3	49.4	56.2	83	70.8	71.5	78.6	101.4	116.8	48.7	50.4	65.4	62.8	61.3	68.1
West Cost		37745.6	39149	35444.3	34638.3	33863.4	34973.1	33032.9	33548.4	39479.3	45459.4	45135.5	44592.5	42632.5	43622.9	43563	42935.9	41828.9	40819.9	45438.1	45155.7	43768.7	41809.4	37727.1	37164.9

WEST COAST GRID OPERATION



**Generation Mix Profile for 23rd March 2013**

Gas	10,688 MWh
Hydro	1,129 MWh
Distillate	3,338 MWh
SREP	719 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,714.80 MWh	682.30 MWh	1,112.00 MWh	- MWh
IPP	1,622.80 MWh	10,006.10 MWh	17.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	719.30 MWh
<b>TOTAL</b>	<b>3,337.60 MWh</b>	<b>10,688.40 MWh</b>	<b>1,129.00 MWh</b>	<b>719.30 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	4%	7%	0%
IPP	10%	63%	0%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,874.30			

DIST (IPP)	10%
DIST (SESB)	11%
SREP	5%
GAS (SESB)	4%
GAS (IPP)	63%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

