

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (9th MARCH' 2013)	750 MW	748 MW	-0.33%
Maximum Energy (9th MARCH' 2013)	16.2 MW	14.5 GWh	-10.49%
Maximum Demand (record high 28 FEB' 2013)	815 MW	834 MW	2.29%

Prepared by:

Electricity Market Operations

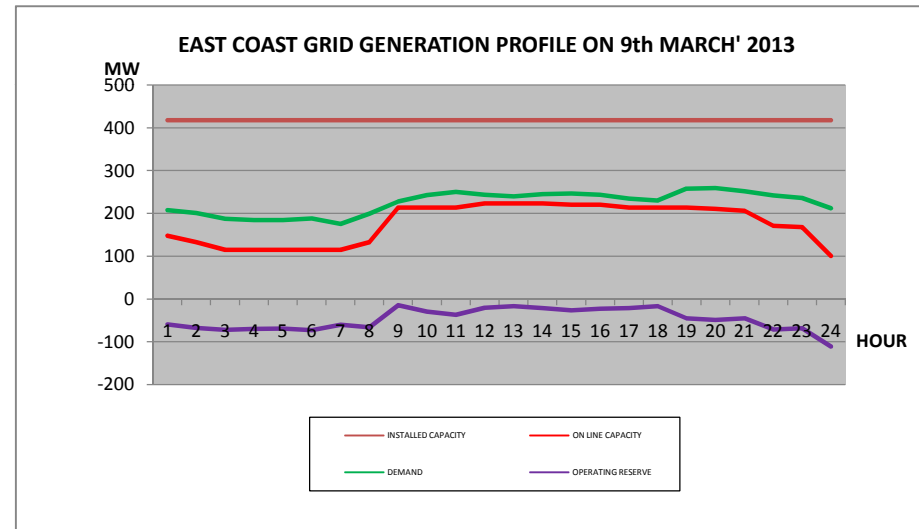
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

13-Mar-13

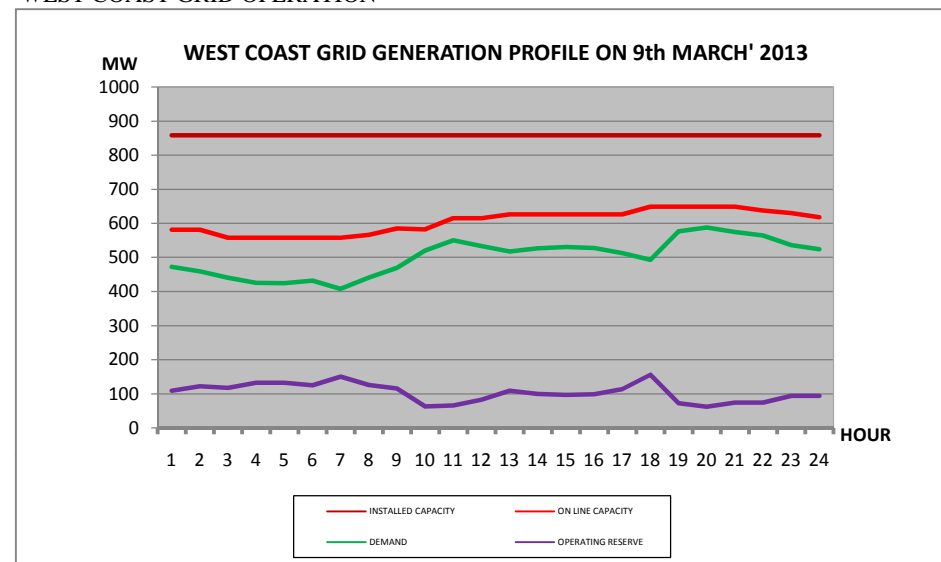
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		148	133	115	115	115	115	115	133	213.5	213.5	213.5	223.5	223.5	223.5	220.5	220.5	213.5	213.5	213.5	210.5	206.5	171.5	168.5	101
<b>DEMAND</b>		207.48	200.77	187.49	184.78	184.4	188.26	175.48	199.56	228.12	243.22	250.85	243.78	240.41	245.14	247.2	243.71	234.66	230.7	258.52	259.65	251.87	242.7	236.72	212.13
<b>OPERATING RESERVE</b>		-59.48	-67.77	-72.49	-69.78	-69.4	-73.26	-60.48	-66.56	-14.62	-29.72	-37.35	-20.28	-16.91	-21.64	-26.7	-23.21	-21.16	-17.2	-45.02	-49.15	-45.37	-71.2	-68.22	-111.13
East Cost		15646.5	14447.4	12333.3	12206.4	12236.7	12398.7	12143.7	13623.9	23303.5	25150.5	24611.8	26398.7	26630.4	27087.1	26608	26495.5	24419	24769.7	25386.7	24800.3	22448.4	18241.7	19401.9	12664.2

EAST COAST GRID OPERATION



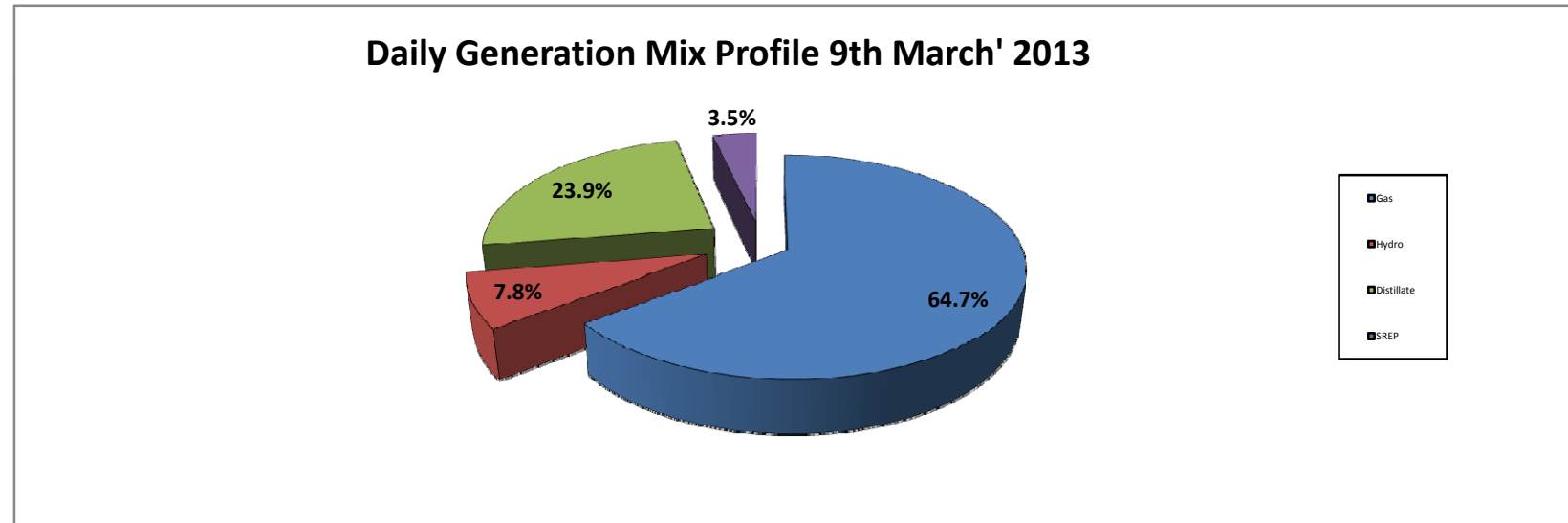
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		581	581	557.5	557.5	557.5	557.5	557.5	566	585	582	615	615	626	626	626	626	626	649	649	649	649	638	630	618
<b>DEMAND</b>		472.1	459.3	440.6	424.8	424.7	432.2	407.4	440.1	469.6	519.6	550	533.2	517.2	526.8	530	527.8	512.2	492.9	576.8	587.6	574.9	564.3	536.1	524
<b>OPERATING RESERVE</b>		108.9	121.7	116.9	132.7	132.8	125.3	150.1	125.9	115.4	62.4	65	81.8	108.8	99.2	96	98.2	113.8	156.1	72.2	61.4	74.1	73.7	93.9	94
West Cost		36849.7	35956.6	32700.5	30620.9	30825.6	32229.1	29744.2	33453.9	36903.7	42237.3	43508.4	42359.4	41630.4	42509.4	42647.6	42454.8	41226	39560.6	46607.5	46705.2	45822.1	44710.6	42455.9	41144.8

WEST COAST GRID OPERATION



**Generation Mix Profile for 9th March 2013**

Gas	9,865 MWh
Hydro	1,188 MWh
Distillate	3,648 MWh
SREP	541 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,622.30 MWh	752.80 MWh	1,164.00 MWh	- MWh
IPP	2,025.90 MWh	9,112.40 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	540.85 MWh
<b>TOTAL</b>	<b>3,648.20 MWh</b>	<b>9,865.20 MWh</b>	<b>1,188.00 MWh</b>	<b>540.85 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	5%	8%	0%
IPP	13%	60%	0%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,242.25			

DIST (IPP)	13%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	5%
GAS (IPP)	60%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

