

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th MARCH' 2013)	845 MW	843 MW	-0.26%
Maximum Energy (20th MARCH' 2013)	17.3 MW	16.3 GWh	-5.78%
Maximum Demand (record high 18th MARCH' 2013)	840 MW	846 MW	0.65%

Prepared by:

Electricity Market Operations

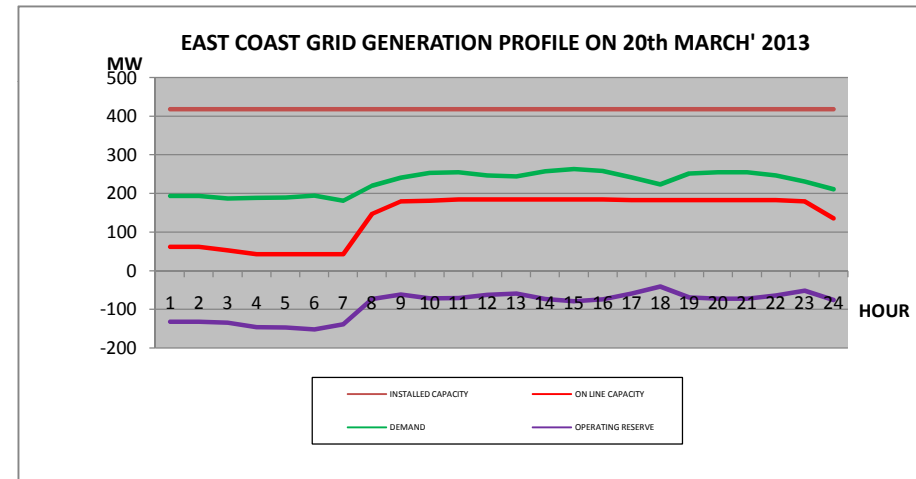
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

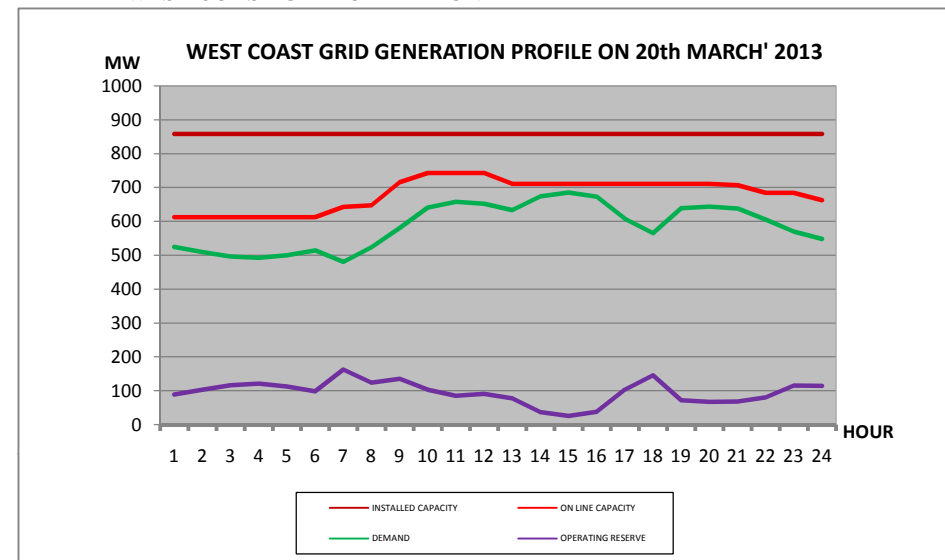
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		62	62	53	43	43	43	43	147	179.5	181.5	184.5	184.5	184.5	184.5	184.5	182.5	182.5	182.5	182.5	182.5	182.5	179.5	136	
<b>DEMAND</b>		193.85	193.73	187.61	189.25	189.65	194.77	181.65	220.33	241.04	253.19	255.22	246.77	244.08	257.85	263.28	258.22	242.09	223.5	251.7	255.28	254.65	246.93	231.51	211.35
<b>OPERATING RESERVE</b>		-131.85	-131.73	-134.61	-146.25	-146.65	-151.77	-138.65	-73.33	-61.54	-71.69	-70.72	-62.27	-59.58	-73.35	-78.78	-73.72	-59.59	-41	-69.2	-72.78	-72.15	-64.43	-52.01	-75.35
East Cost		10331.6	10418	9679.6	7723.26	7866.55	7844.74	8115.81	20218	23384.6	23936.9	24886.3	23744.5	24456.5	24304.4	24445.1	24357.7	23641.1	23587.8	24131.1	24019.2	24178	23956.2	21732.1	17144.5

EAST COAST GRID OPERATION



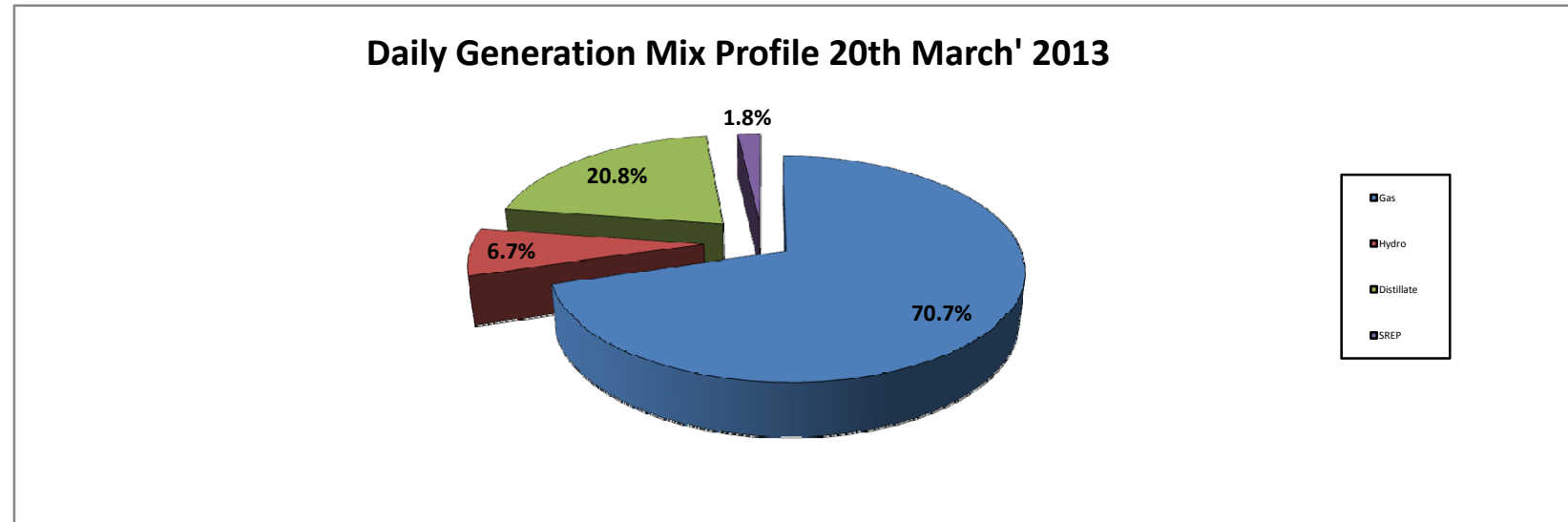
WEST COAST GRID																										
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	
<b>INSTALLED CAPACITY</b>		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>		613	613	613	613	613	613	643	647.5	716	743.2	743.2	743.2	711.2	711.2	711.2	711.2	711.2	711.2	711.2	711.2	711.2	707	685	685	663
<b>DEMAND</b>		524.3	510.1	496.2	492.3	499.9	514.7	480.4	523.5	580.7	640.35	658.25	652.15	633.65	674.25	685.15	673.25	608.05	565.25	639.05	643.65	638.3	604.6	569.7	548.1	
<b>OPERATING RESERVE</b>		88.7	102.9	116.8	120.7	113.1	98.3	162.6	124	135.3	102.85	84.95	91.05	77.55	36.95	26.05	37.95	103.15	145.95	72.15	67.55	68.7	80.4	115.3	114.9	
West Cost		38610.8	37570.9	36753.2	36412.3	37031.6	37737.1	36923.7	39872.7	46878.6	51795.1	53448.8	52808.8	50855.2	53167	53923	52992	48982.5	45948.7	51050.8	51340.9	50212.5	46985.4	44522.6	42426.1	

WEST COAST GRID OPERATION



**Generation Mix Profile for 20th March 2013**

Gas	11,748 MWh
Hydro	1,111 MWh
Distillate	3,464 MWh
SREP	300 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,761.55 MWh	1,702.20 MWh	1,092.00 MWh	- MWh
IPP	1,702.90 MWh	10,046.10 MWh	18.50 MWh	- MWh
SREP	- MWh	- MWh	MWh	300.30 MWh
<b>TOTAL</b>	<b>3,464.45 MWh</b>	<b>11,748.30 MWh</b>	<b>1,110.50 MWh</b>	<b>300.30 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	10%	7%	0%
IPP	10%	60%	0%	0%
SREP	0%	0%	0%	2%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	<b>16,623.55</b>			

DIST (IPP)	10%
DIST (SESB)	11%
SREP	2%
GAS (SESB)	10%
GAS (IPP)	60%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

