

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (5th MARCH' 2013)	815 MW	826 MW	1.35%
Maximum Energy (5th MARCH' 2013)	16.8 MW	15.3 GWh	-8.93%
Maximum Demand (record high 28 FEB' 2013)	815 MW	834 MW	2.29%

Prepared by:

Electricity Market Operations

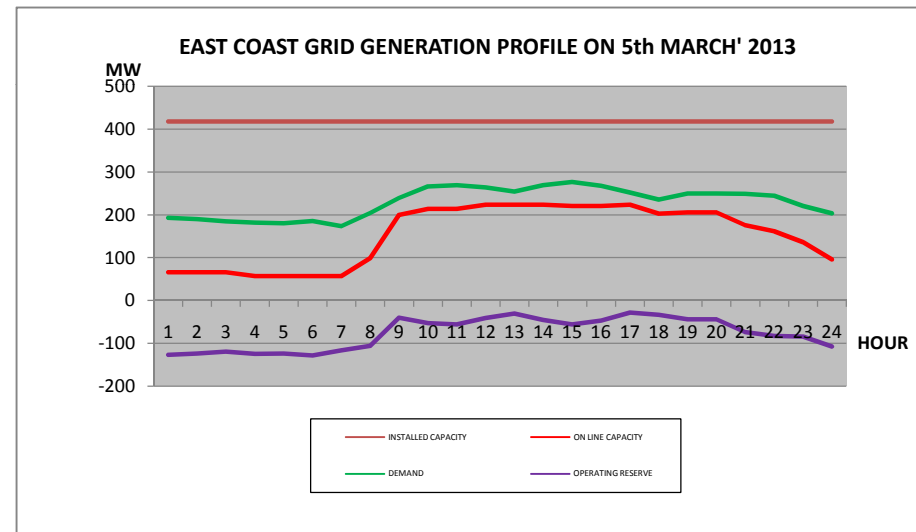
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

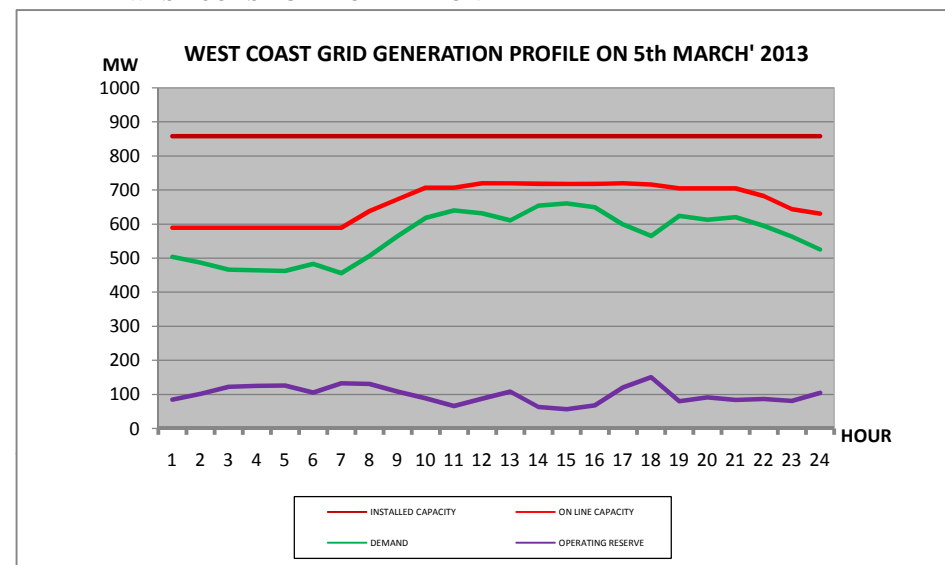
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		66	66	66	57	57	57	57	99	199.5	213.5	213.5	223.5	223.5	223.5	220.5	220.5	223.5	202.5	205.5	205.5	175.5	161.5	136	96
<b>DEMAND</b>		192.42	189.57	184.88	181.41	180.38	185.05	173.28	204.35	239.55	266.18	269.29	264.11	254.26	268.82	276.65	267.58	251.78	235.63	249.34	249.72	249.05	244.13	220.22	203.24
<b>OPERATING RESERVE</b>		-126.42	-123.57	-118.88	-124.41	-123.38	-128.05	-116.28	-105.35	-40.05	-52.68	-55.79	-40.61	-30.76	-45.32	-56.15	-47.08	-28.28	-33.13	-43.84	-44.22	-73.55	-82.63	-84.22	-107.24
East Cost		9318.81	9252.03	8620.13	8178.87	8223.57	8201.28	8252.07	12406.1	21733.1	23907.7	24888.5	25060.3	24635.9	24447.8	26426.9	26906.7	23733.5	21523.8	21886.3	22897.1	19709.2	17541.6	14154.5	12067.1

EAST COAST GRID OPERATION



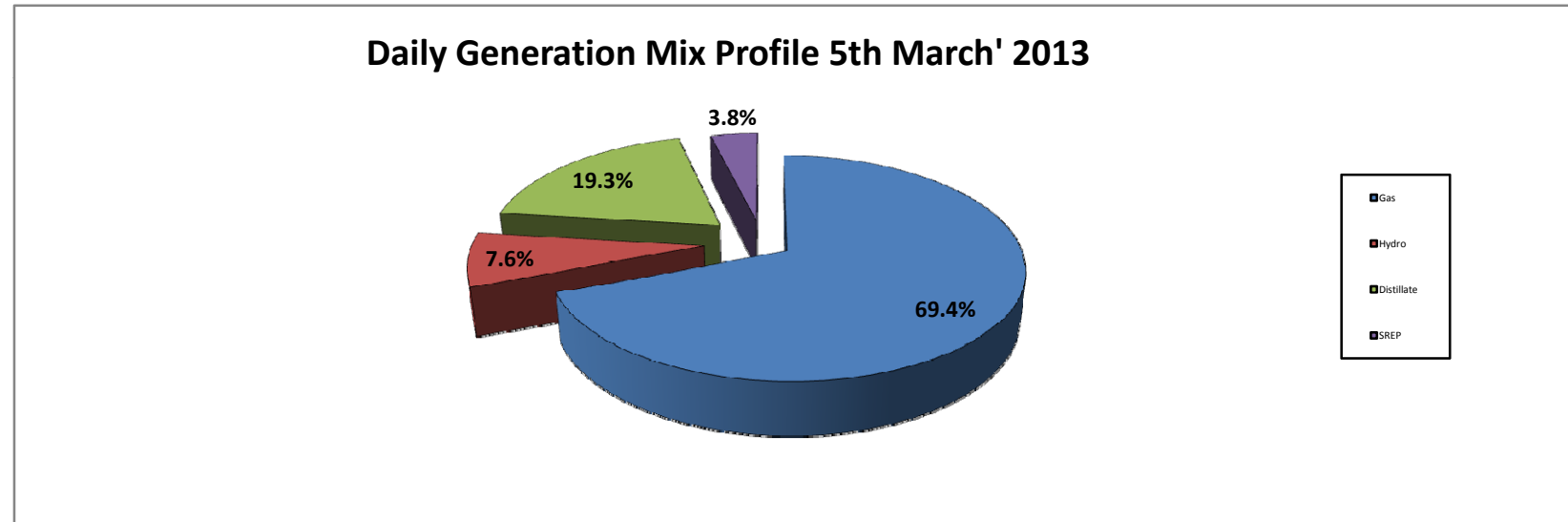
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		589	589	589	589	589	589	589	637.5	673	707	706.2	719.7	719.7	717.7	717.7	717.7	719.7	715.5	704.5	704.5	704.5	682.5	643.5	630.5
<b>DEMAND</b>		504.5	487.1	466.6	464.2	463.1	483.8	456.2	507	564.9	618.4	640.4	631.8	611.3	654.3	661.1	649.8	599.4	565	624.8	613.1	620.3	595.6	562.9	526.2
<b>OPERATING RESERVE</b>		84.5	101.9	122.4	124.8	125.9	105.2	132.8	130.5	108.1	88.6	65.8	87.9	108.4	63.4	56.6	67.9	120.3	150.5	79.7	91.4	84.2	86.9	80.6	104.3
West Cost		37573.6	36486.3	35572	35414.5	35319	36954	35857.3	37175.7	42790.7	47508.9	49886.5	50020.8	49009.8	51674.9	52017.3	52222	49105.9	46068.2	49358.8	48468	49053.3	45951.6	41593.9	38397.3

WEST COAST GRID OPERATION



**Generation Mix Profile for 5th March 2013**

Gas	11,317 MWh
Hydro	1,233 MWh
Distillate	3,142 MWh
SREP	624 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,382.60 MWh	1,466.80 MWh	1,212.00 MWh	- MWh
IPP	1,759.10 MWh	9,849.70 MWh	21.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	624.30 MWh
<b>TOTAL</b>	<b>3,141.70 MWh</b>	<b>11,316.50 MWh</b>	<b>1,233.00 MWh</b>	<b>624.30 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	9%	7%	0%
IPP	11%	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>	16,315.50			

DIST (IPP)	11%
DIST (SESB)	8%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	60%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

