

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (22nd FEB' 2013)	810 MW	889 MW	9.70%
Maximum Energy (22nd FEB' 2013)	17.3 MW	15.2 GWh	-12.14%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

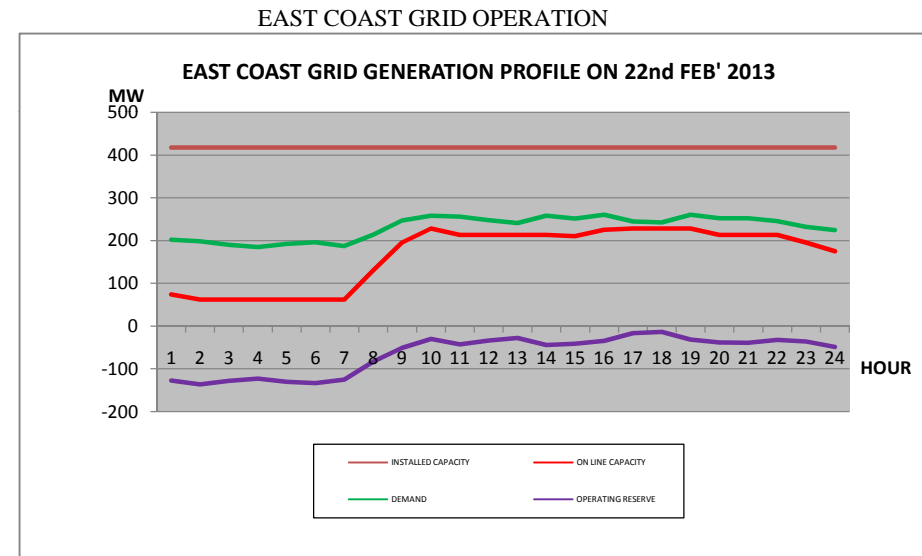
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

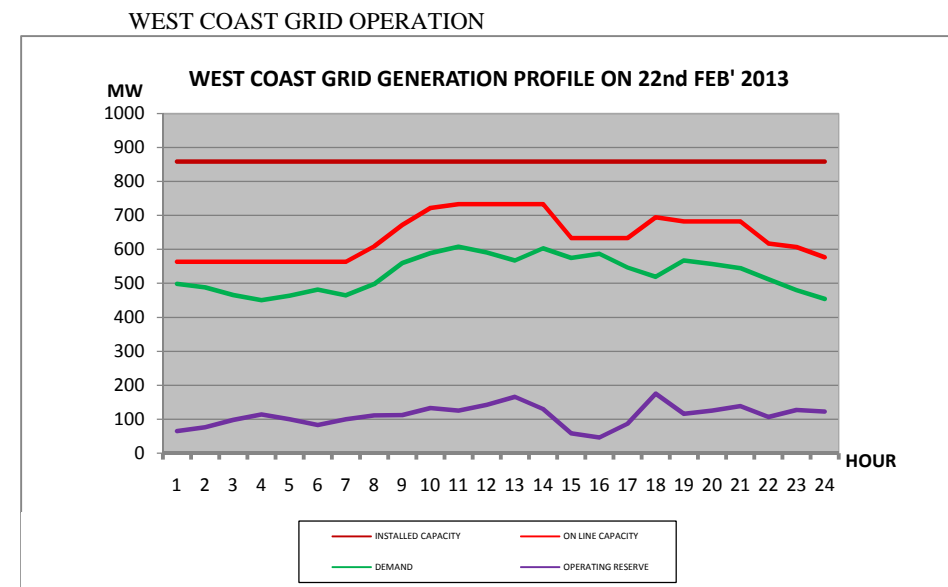
Energy Commission Malaysia

27-Feb-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>		74	62	62	62	62	62	62	130	195.5	228.5	213.5	213.5	213.5	213.5	210.5	225.5	228.5	228.5	228.5	213.5	213.5	213.5	195.5	175.5
<b>DEMAND</b>		201.56	198.34	190.01	184.66	192.03	195.56	187.07	213.04	246.78	258.23	256.15	247.39	240.99	258.09	251.53	260.33	244.73	242.1	260.42	252.1	252.51	245.79	231.79	224.22
<b>OPERATING RESERVE</b>		-127.56	-136.34	-128.01	-122.66	-130.03	-133.56	-125.07	-83.04	-51.28	-29.73	-42.65	-33.89	-27.49	-44.59	-41.03	-34.83	-16.23	-13.6	-31.92	-38.6	-39.01	-32.29	-36.29	-48.72
East Cost		8552.51	7407.68	7589.79	7798.83	7928.19	7625.91	7632.29	13622.3	20311.5	25568.3	25233.4	24819.9	25274.8	25149.7	26029.6	27374.2	26643.4	26672.8	25243.8	23463.8	23534.4	23403.9	22497.7	21368.1

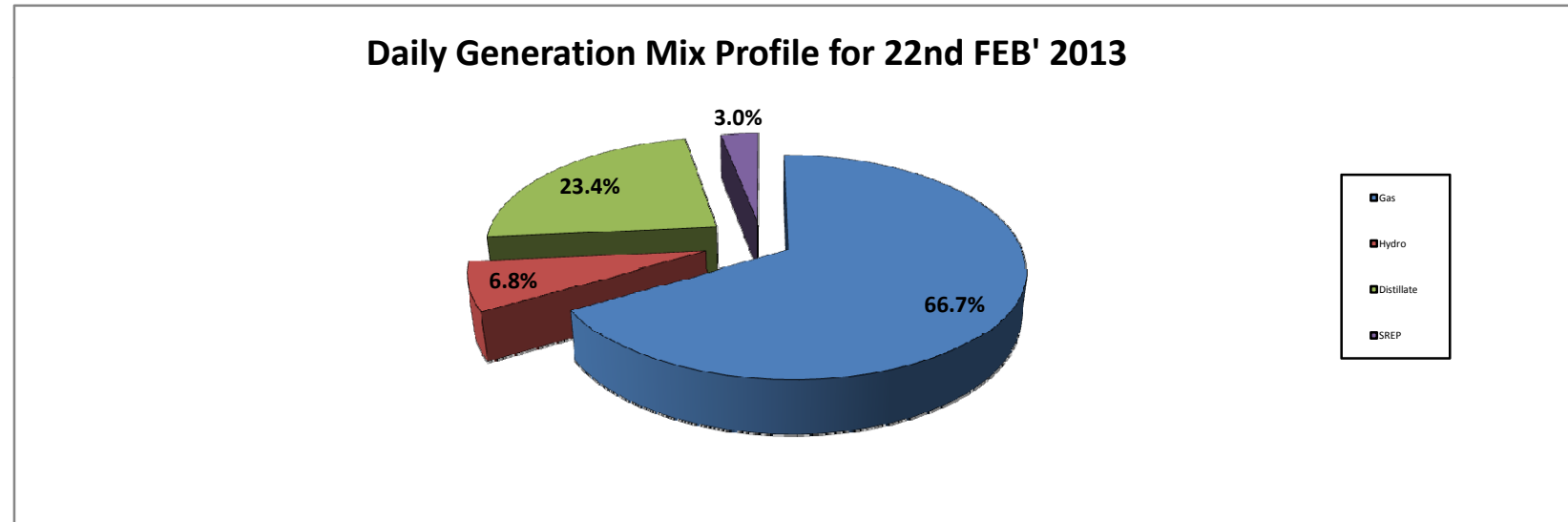


<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		563.5	563.5	563.5	563.5	563.5	563.5	563.5	608.5	671.5	722	733	733	733	733	633	633	633	694.5	682.5	682.5	682.5	617.5	606.5	576.5
<b>DEMAND</b>		498.4	487.6	465.4	450.2	463.8	481.3	464.2	497.5	560	588.9	608.1	590.8	567.1	602.9	575.4	587.2	547	519.4	567	557	544.4	511.7	479.8	454.3
<b>OPERATING RESERVE</b>		65.1	75.9	98.1	113.3	99.7	82.2	99.3	111	111.5	133.1	124.9	142.2	165.9	130.1	57.6	45.8	86	175.1	115.5	125.5	138.1	105.8	126.7	122.2
West Cost		37980.3	36677.9	35534.5	34648.3	35417.1	36479.1	35518.3	39366.4	42492.4	45904.1	48146.8	46698	45713.7	48087.5	44786.7	45921.2	43375.2	42817.3	45494.3	44754.1	43438.2	42424.1	39759.5	37619.5



**Generation Mix Profile for 22nd February 2013**

Gas	10,476 MWh
Hydro	1,072 MWh
Distillate	3,682 MWh
SREP	475 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,724.75 MWh	2,042.50 MWh	1,010.00 MWh	- MWh
IPP	1,957.70 MWh	8,433.70 MWh	62.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	474.90 MWh
<b>TOTAL</b>	<b>3,682.45 MWh</b>	<b>10,476.20 MWh</b>	<b>1,072.20 MWh</b>	<b>474.90 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	13%	6%	0%
IPP	12%	54%	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>	15,705.75			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	13%
GAS (IPP)	54%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

