

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (25th FEB' 2013)	815 MW	775 MW	-4.94%
Maximum Energy (25th FEB' 2013)	17.6 MW	15.2 GWh	-13.64%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

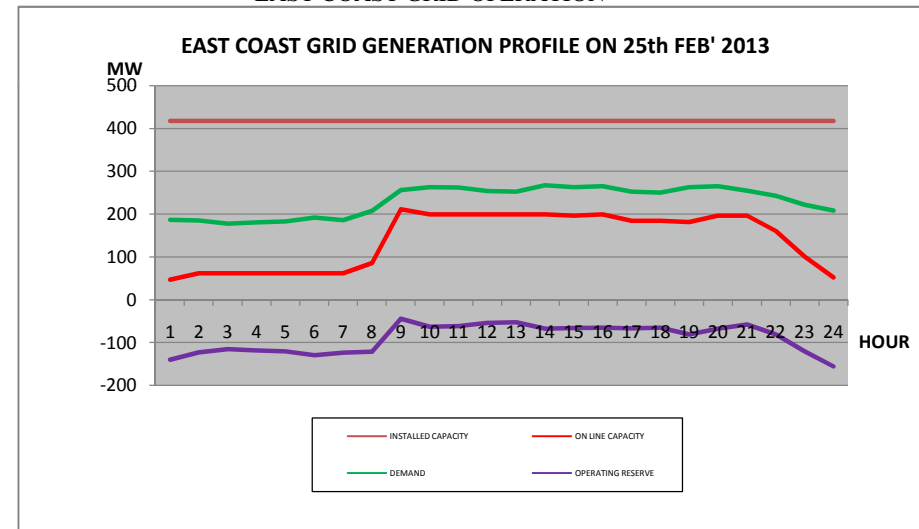
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

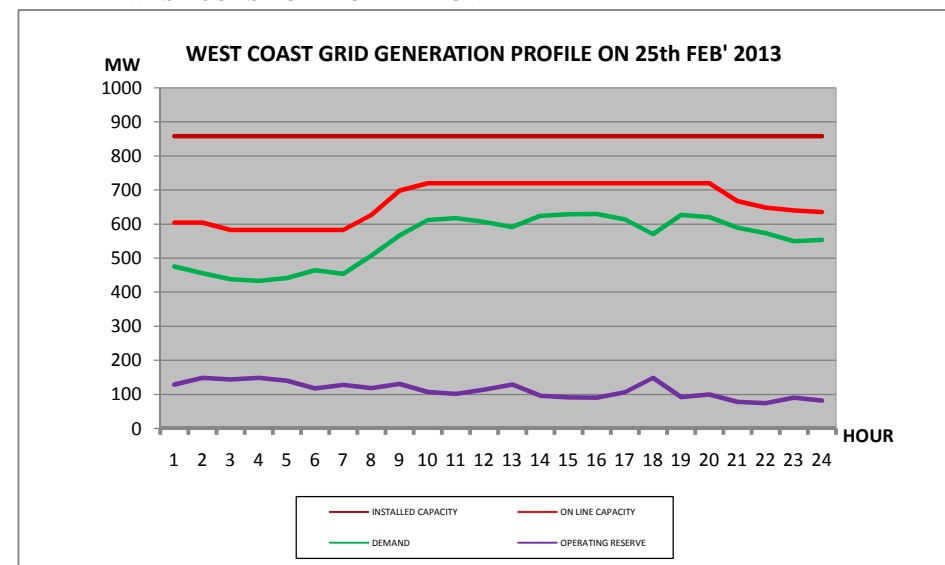
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		47	62	62	62	62	62	62	86	211.5	199.5	199.5	199.5	199.5	199.5	196.5	199.5	184.5	184.5	181.5	196.5	196.5	161	101	52
<b>DEMAND</b>		186.7	184.71	177.45	180.56	182.35	191.56	185.87	207.3	256.15	262.51	261.49	253.62	252.44	267.08	262.69	265.01	251.79	250.22	262.73	264.53	254.69	242.27	221.74	207.72
<b>OPERATING RESERVE</b>		-139.7	-122.71	-115.45	-118.56	-120.35	-129.56	-123.87	-121.3	-44.65	-63.01	-61.99	-54.12	-52.94	-67.58	-66.19	-65.51	-67.29	-65.72	-81.23	-68.03	-58.19	-81.27	-120.74	-155.72
East Cost		6003.33	7068.86	6530.84	7280.67	7571.98	7786.34	7605.12	10329.1	21174.2	22157.1	22412.2	22029.8	22105.1	22067.3	21841.4	20924.7	19122.3	19704.1	20211.3	19612.6	19918.4	16021.1	10859.6	5731.82

EAST COAST GRID OPERATION



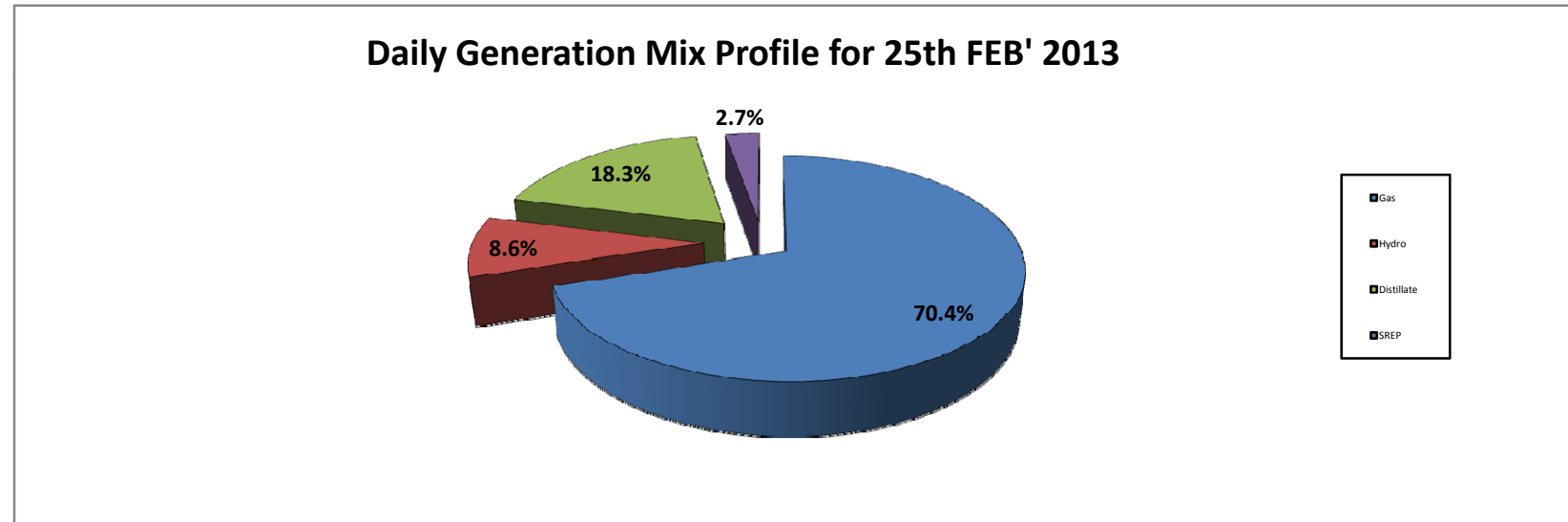
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		604.5	604.5	582.5	582.5	582.5	582.5	582.5	626.5	698	720	720	720	720	720	720	720	720	720	720	720	667	648	639.5	635
<b>DEMAND</b>		475.6	455.6	438.5	433.4	442	464.3	454.2	507.4	567	612.1	617.8	606.3	591.2	623.9	628.9	629.6	613.6	570.9	627.2	620	588.8	573.5	549.4	553.4
<b>OPERATING RESERVE</b>		128.9	148.9	144	149.1	140.5	118.2	128.3	119.1	131	107.9	102.2	113.7	128.8	96.1	91.1	90.4	106.4	149.1	92.8	100	78.2	74.5	90.1	81.6
West Cost		34614.6	33501.3	33898.9	33689.4	34353.4	35659.1	34888.3	35231.4	42230.1	46967.6	47073.5	46255.2	45547.9	47657.2	48131.5	48159.1	46842.3	44399.9	48491	47839.5	43901.4	41527.6	39190.6	39271.1

WEST COAST GRID OPERATION



**Generation Mix Profile for 25th February 2013**

Gas	11,052 MWh
Hydro	1,346 MWh
Distillate	2,880 MWh
SREP	431 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,275.20 MWh	1,923.70 MWh	1,322.00 MWh	- MWh
IPP	1,605.00 MWh	9,128.40 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	431.40 MWh
<b>TOTAL</b>	<b>2,880.20 MWh</b>	<b>11,052.10 MWh</b>	<b>1,346.00 MWh</b>	<b>431.40 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	12%	8%	0%
IPP	10%	58%	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>	15,709.70			

DIST (IPP)	10%
DIST (SESB)	8%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	58%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

