

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (14th APRIL' 2013)</b>	745 MW	754 MW	1.23%
<b>Maximum Energy (14th APRIL' 2013)</b>	15.9 MW	14.3 GWh	-10.06%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

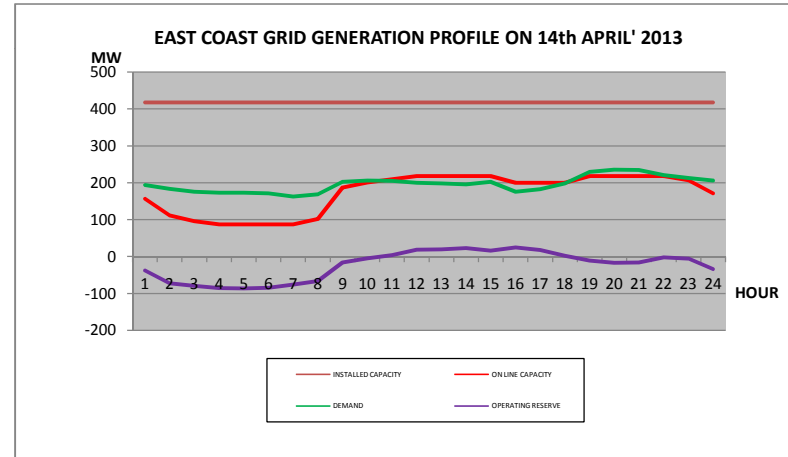
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

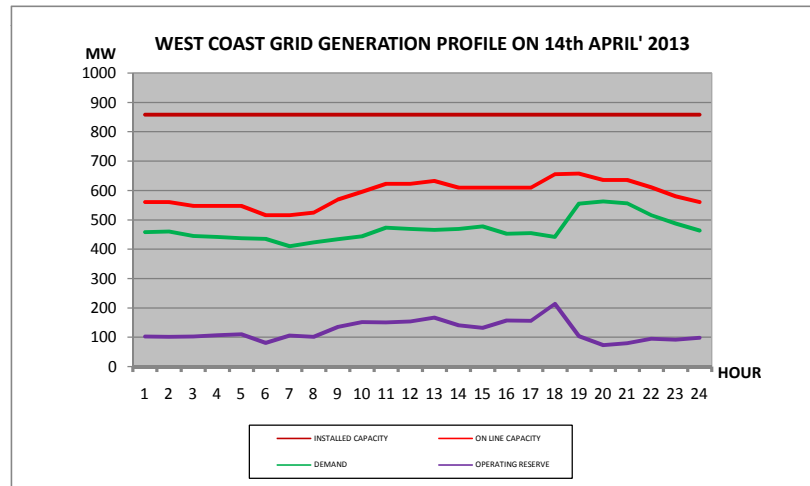
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		157	111	96	87	87	87	87	102	187	201.5	209.5	218.5	218.5	218.5	218.5	200.5	200.5	200.5	218.5	218.5	218.5	218.5	207.5	171.5
<b>DEMAND</b>		194.28	183.42	175.55	172.83	173.31	171.72	162.78	168.47	202.5	206.21	205.33	199.91	198.31	195.53	202.41	175.42	182.43	198.03	229.18	235.29	234.08	220.31	212.79	205.54
<b>OPERATING RESERVE</b>		-37.28	-72.42	-79.55	-85.83	-86.31	-84.72	-75.78	-66.47	-15.5	-4.71	4.17	18.59	20.19	22.97	16.09	25.08	18.07	2.47	-10.68	-16.79	-15.58	-1.81	-5.29	-34.04
East Cost		21352.9	16437.8	15005.6	14146.4	14134.4	13995.1	14282.9	14866.3	22832	25381.8	26556.6	26718.7	27412.4	27502.7	27249.2	25628.7	25130.4	25310.4	28254.9	28867.9	29476.1	29617.4	27490.5	21240.3

EAST COAST GRID OPERATION



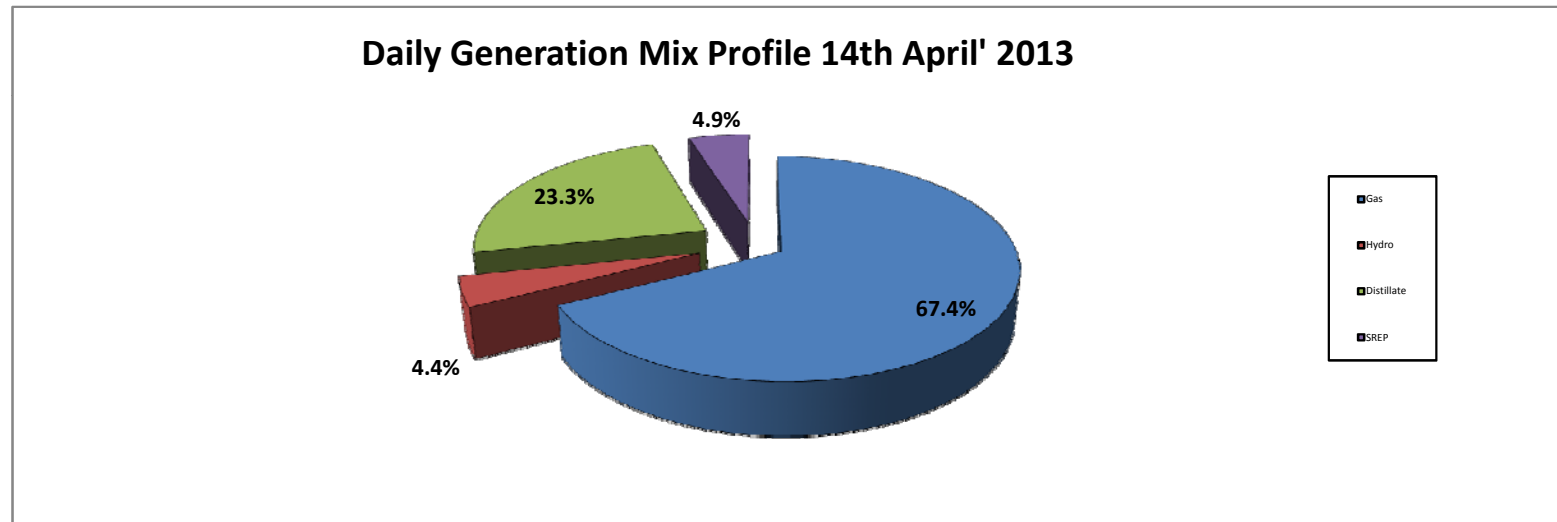
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		561	561	548	548	548	516	516	524.5	570	595.5	623	623	633	610	610	610	610	655.6	658.1	636.1	636.1	611	580	561
<b>DEMAND</b>		458.3	460	445	441.4	437.7	435.4	409.9	423	434.4	443.4	472.85	469.25	466.05	468.95	478.15	452.85	454.45	441.7	554.8	563	556.9	515.79	487.8	463.1
<b>OPERATING RESERVE</b>		102.7	101	103	106.6	110.3	80.6	106.1	101.5	135.6	152.1	150.15	153.75	166.95	141.05	131.85	157.15	155.55	213.9	103.3	73.1	79.2	95.21	92.2	97.9
West Cost		38054.1	38199	36477.6	36020.6	35721.5	34790.7	32578.7	34001.1	36973.8	38467.6	39917.9	39717	39648.7	39254.9	39985.4	37196.6	37342.6	38311.9	47266.6	49088.6	48540.9	44249.5	41340.5	38078.2

WEST COAST GRID OPERATION



**Generation Mix Profile for 14th April 2013**

Gas	9,723 MWh
Hydro	627 MWh
Distillate	3,363 MWh
SREP	705 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,515.99 MWh	948.40 MWh	531.00 MWh	- MWh
IPP	1,846.60 MWh	8,774.70 MWh	96.40 MWh	- MWh
SREP	- MWh	- MWh	MWh	704.80 MWh
<b>TOTAL</b>	<b>3,362.59 MWh</b>	<b>9,723.10 MWh</b>	<b>627.40 MWh</b>	<b>704.80 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	7%	4%	0%
IPP	13%	61%	1%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

DIST (IPP)	13%
DIST (SESB)	11%
SREP	5%
GAS (SESB)	7%
GAS (IPP)	61%
HYDRO (SESB)	4%
HYDRO (IPP)	1%
total	100%

