

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (29th APRIL' 2013)</b>	860 MW	822 MW	-4.47%
<b>Maximum Energy (29th APRIL' 2013)</b>	17.7 MW	16.2 GWh	-8.47%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

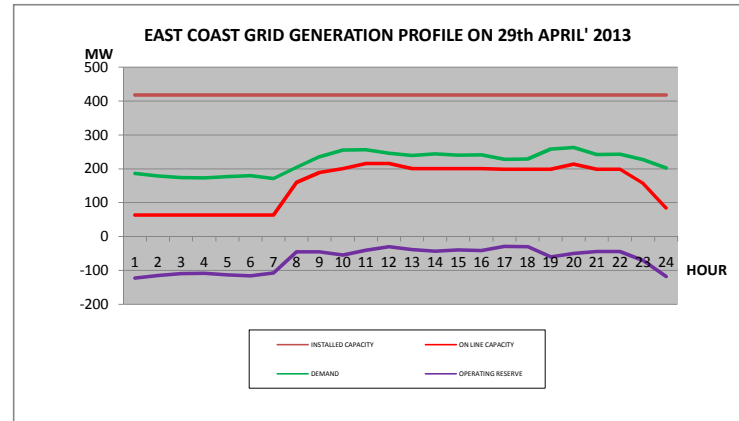
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

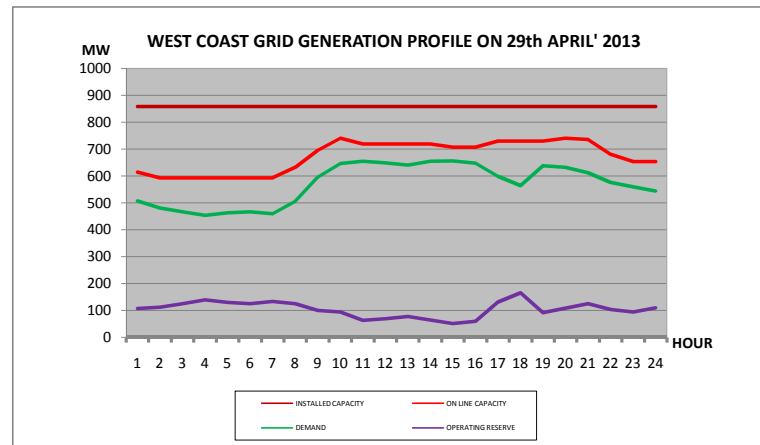
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		63	63	63	63	63	63	63	159	189	200	215	215	200	200	200	198	198	213	198	198	156	84		
<b>DEMAND</b>		186.27	178.71	173.36	172.18	176.51	179.73	170.75	204.43	235.05	254.94	256.2	245.55	239.53	243.84	240.11	241.48	227.63	228.73	258.4	262.99	242.48	242.82	226.96	202.26
<b>OPERATING RESERVE</b>		-123.27	-115.71	-110.36	-109.18	-113.51	-116.73	-107.75	-45.43	-46.05	-54.94	-41.2	-30.55	-39.53	-43.84	-40.11	-41.48	-29.63	-30.73	-60.4	-49.99	-44.48	-44.82	-70.96	-118.26
East Cost		11067.5	11631.7	11195.3	11337	11577	11430.2	9594.42	19807.7	23386.8	25777.7	26220.9	25918	25234.4	26685.5	26936.4	27587.7	26105.5	25137.5	26893.8	27416.4	26611.3	26465	20731.4	13553.3

EAST COAST GRID OPERATION



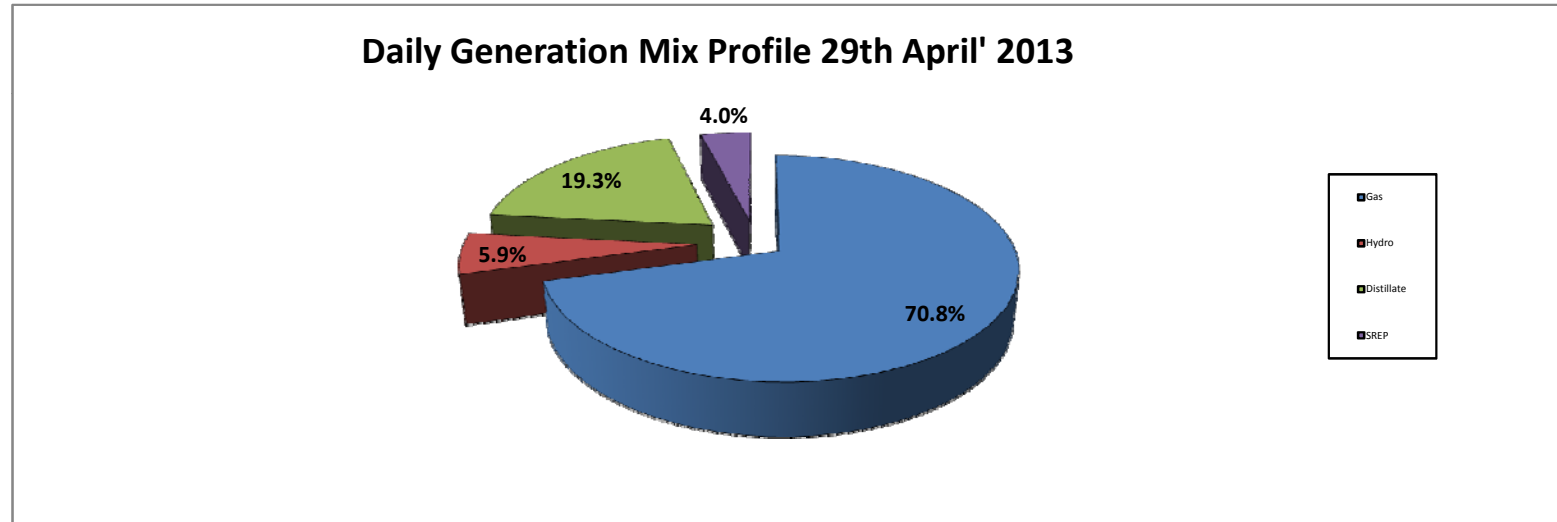
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		614.5	592.5	592.5	592.5	592.5	592.5	592.5	631.5	695	740.7	718.7	718.7	718.7	718.7	707.7	707.7	729.7	729.7	729.7	740.7	736.5	680.5	653.5	653.5
<b>DEMAND</b>		507.5	480.5	466.9	453.6	462.6	467.2	459.1	506.4	594.6	646.05	654.85	648.45	640.35	654.25	655.75	647.55	598.45	564.25	637.75	631.85	611.6	576.5	559.4	543.8
<b>OPERATING RESERVE</b>		107	112	125.6	138.9	129.9	125.3	133.4	125.1	100.4	94.65	63.85	70.25	78.35	64.45	51.95	60.15	131.25	165.45	91.95	108.85	124.9	104	94.1	109.7
West Cost		37730.5	37012.2	36095	35244	35972.4	36267.7	35616.2	38670.4	46721.5	50073.5	52166.9	51563.6	50925.1	51994.4	51881.7	51322.6	47419.1	45226.8	49174.6	49141.3	47548	43552.5	40688.5	39537.8

WEST COAST GRID OPERATION



**Generation Mix Profile for 29th April 2013**

Gas	11,564 MWh
Hydro	964 MWh
Distillate	3,158 MWh
SREP	656 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,522.05 MWh	1,594.50 MWh	906.00 MWh	- MWh
IPP	1,635.80 MWh	9,969.90 MWh	57.60 MWh	- MWh
SREP	- MWh	- MWh	MWh	655.50 MWh
<b>TOTAL</b>	<b>3,157.85 MWh</b>	<b>11,564.40 MWh</b>	<b>963.60 MWh</b>	<b>655.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	10%	6%	0%
IPP	10%	61%	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>	16,341.35			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	61%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

