

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (28th APRIL' 2013)</b>	750 MW	758 MW	1.05%
<b>Maximum Energy (28th APRIL' 2013)</b>	15.5 MW	14.3 GWh	-7.74%
<b>Maximum Demand (record high 27 MARCH' 2013)</b>	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

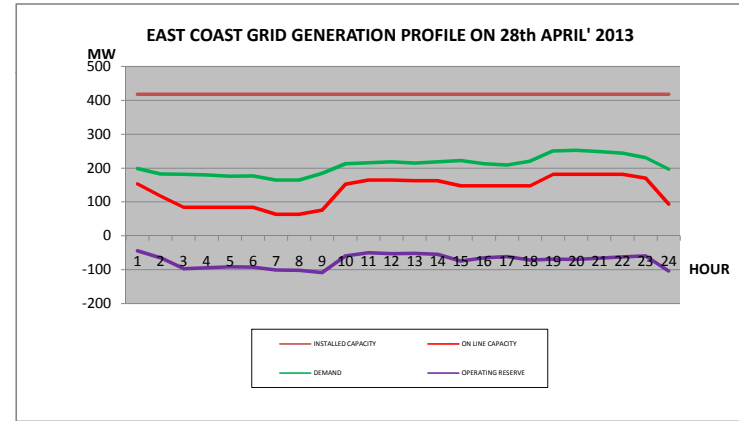
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

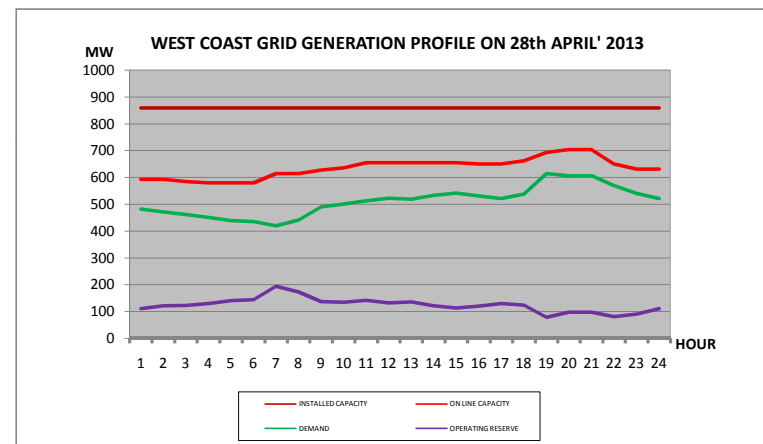
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		153	117	84	84	84	63	63	75	152	164	164	162	162	147	147	147	181	181	181	181	170	93		
<b>DEMAND</b>		197.94	182.27	181.03	178.99	175.86	176.63	164.45	164.76	183.68	212.07	214.95	217.72	214.22	217.67	221.59	212.5	208.77	219.45	250.06	251.66	247.47	243.56	230.05	196.67
<b>OPERATING RESERVE</b>		-44.94	-65.27	-97.03	-94.99	-91.86	-92.63	-101.45	-101.76	-108.68	-60.07	-50.95	-53.72	-52.22	-55.67	-74.59	-65.5	-61.77	-72.45	-69.06	-70.66	-66.47	-62.56	-60.05	-103.67
East Cost		19520.4	15374.8	14074.6	14027.1	14028.2	13771.7	11672.3	11550.9	12250.3	19838.7	20710.9	20827.4	20412.5	20587.7	19493.3	19297.6	19244.8	19472.4	23942.7	24383.9	24028.6	24425.6	21848.3	14339.1

EAST COAST GRID OPERATION



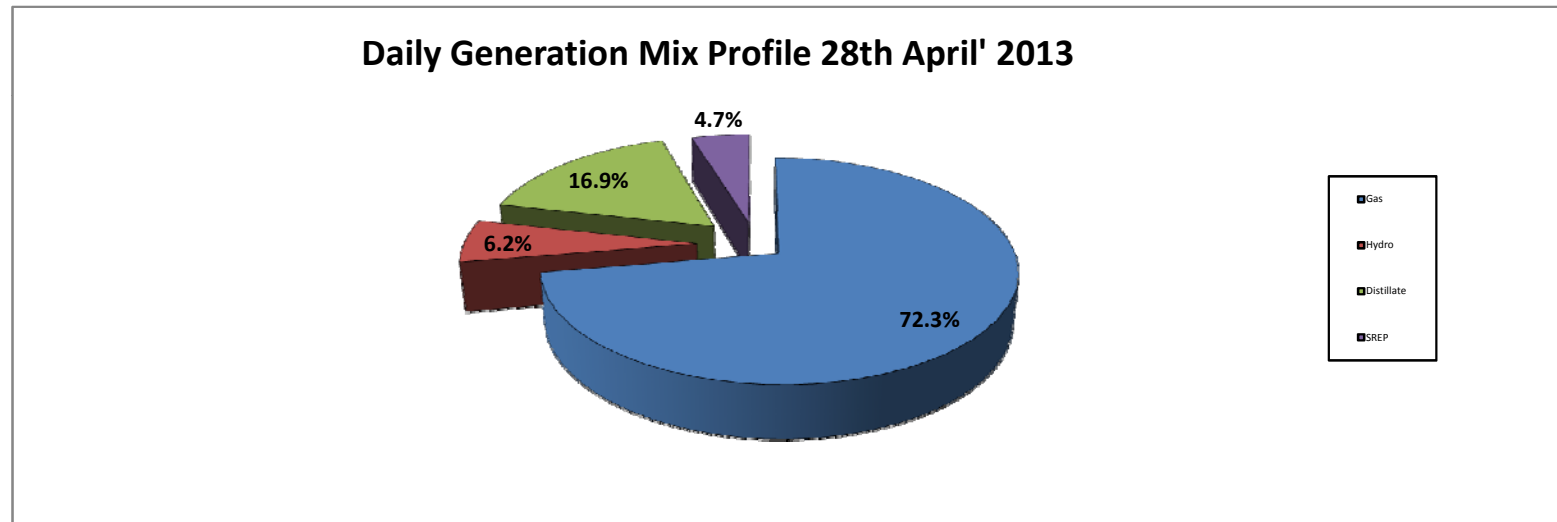
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		593	593	584.5	580	580	580	614.5	614.5	627.5	636	655	655	655	655	655	650.5	650.5	661.5	692.5	703.5	703.5	650.5	631.5	631.5
<b>DEMAND</b>		482	471.5	461.8	450.6	439.4	435.5	420	441.9	490	501	513.4	522.8	518.6	533.4	541.4	530.5	520.6	537.7	614	605.7	605.9	569.2	540.7	521.2
<b>OPERATING RESERVE</b>		111	121.5	122.7	129.4	140.6	144.5	194.5	172.6	137.5	135	141.6	132.2	136.4	121.6	113.6	120	129.9	123.8	78.5	97.8	97.6	81.3	90.8	110.3
West Cost		36057.7	35273.5	34071.6	33286.4	32437.9	32144.6	33058.1	34208.1	37848.8	39626.5	41799.5	41550.2	41345.6	42536.9	42824	41646.3	40895.7	42313.3	48302.1	47915.7	47936	43700.1	40585.2	39828.7

WEST COAST GRID OPERATION



**Generation Mix Profile for 28th April 2013**

Gas	10,576 MWh
Hydro	904 MWh
Distillate	2,465 MWh
SREP	681 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,067.10 MWh	1,614.30 MWh	846.00 MWh	- MWh
IPP	1,398.00 MWh	8,961.60 MWh	57.60 MWh	- MWh
SREP	- MWh	- MWh	MWh	681.10 MWh
<b>TOTAL</b>	<b>2,465.10 MWh</b>	<b>10,575.90 MWh</b>	<b>903.60 MWh</b>	<b>681.10 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	11%	6%	0%
IPP	10%	61%	0%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	14,625.70			

DIST (IPP)	10%
DIST (SESB)	7%
SREP	5%
GAS (SESB)	11%
GAS (IPP)	61%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

