

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (22nd JUNE' 2012)</b>	800 MW	773 MW	-3.38%
<b>Maximum Energy (22nd JUNE' 2012)</b>	15.9 GWh	15.3 GWh	-3.77%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

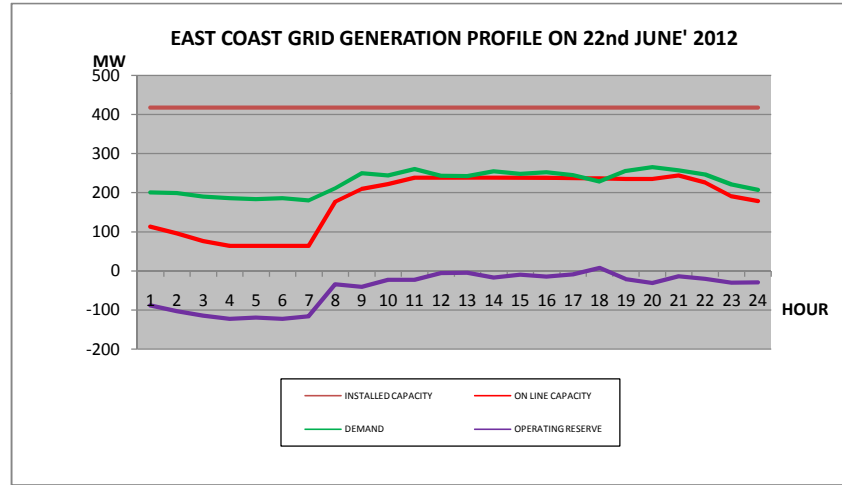
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

28-Jun-12

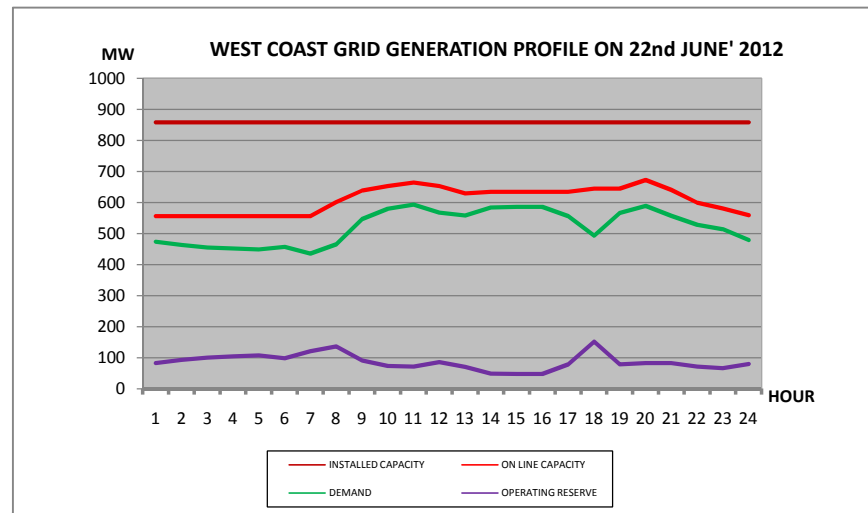
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		113	96	76	64	64	64	64	177	209.9	221.7	238.7	238.7	238.7	238.7	238.7	236.7	236.7	235.2	235.2	244.2	226.2	190.9	179		
<b>DEMAND</b>		201.44	199.24	190.2	186.76	183.77	186.79	180.64	211.5	250.46	244.85	261.45	244.19	243.38	255.55	248.42	253.07	245.54	229.22	256.13	266.022	258.05	246.86	221.43	208.03	
<b>OPERATING RESERVE</b>		-88.44	-103.24	-114.2	-122.76	-119.77	-122.79	-116.64	-34.5	-40.56	-23.15	-22.75	-5.49	-4.68	-16.85	-9.72	-14.37	-8.84	7.48	-20.93	-30.822	-13.85	-20.66	-30.53	-29.03	
East Cost		11694.9	10398.8	8634.16	7523.34	7591.42	7558.14	7957.56	18951.2	23115.6	25213.6	27659.1	27581.1	27812.3	28771.8	28567.2	28354.1	26019.4	25647	26475.2	24974.9	26252	24212.3	19746.3	18177.3	398441

EAST COAST GRID OPERATION



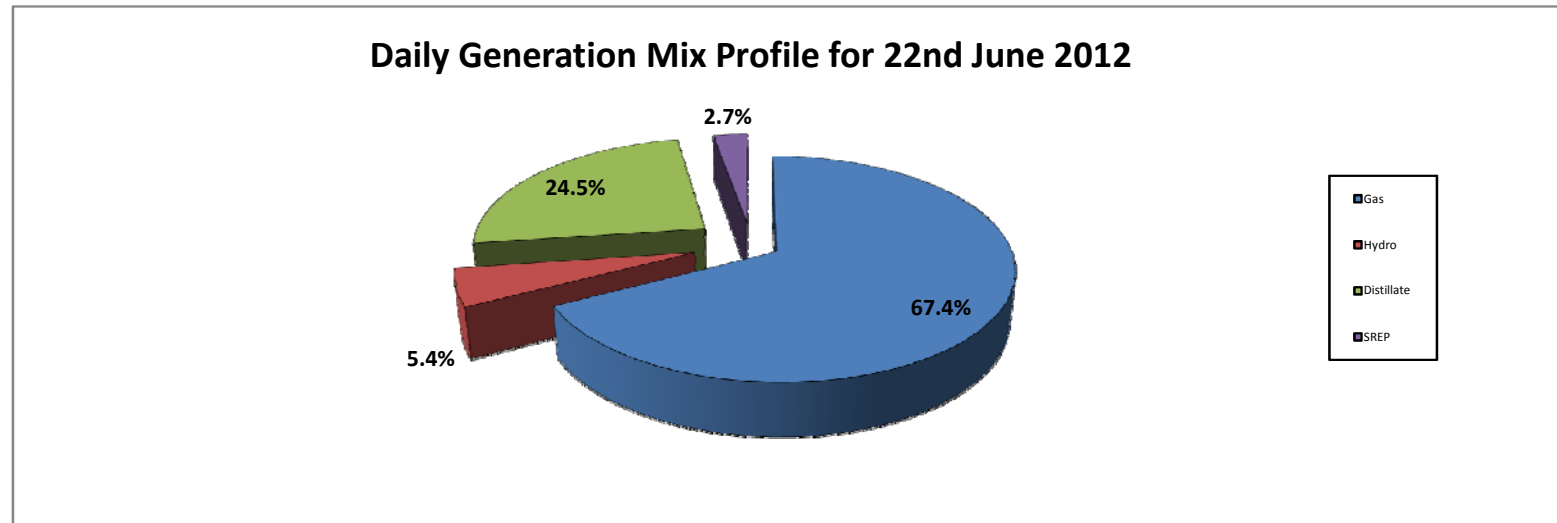
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		556	556	556	556	556	556	556	601.5	638.5	653.7	664.7	653.7	629.7	634.2	634.2	634.2	634.2	645.2	645.2	673	641	600	581	559
<b>DEMAND</b>		473.4	463	455.5	451.8	448.9	457.4	435.5	465.2	547.2	580.15	593.35	567.15	558.45	584.55	585.95	585.85	555.75	493.65	566.75	589.5	557.6	527.9	514.1	479.3
<b>OPERATING RESERVE</b>		82.6	93	100.5	104.2	107.1	98.6	120.5	136.3	91.3	73.55	71.35	86.55	71.25	49.65	48.25	48.35	78.45	151.55	78.45	83.5	83.4	72.1	66.9	79.7
West Cost		35651	35280	34673	34400	34300	34841	33550	38113	43356	46309	47292	45118	44113	45440	45621	45602	43158	40006	44785	46348	43183	39587	37869	36893

WEST COAST GRID OPERATION



**Generation Mix Profile for 22nd June 2012**

Gas	10,659 MWh
Hydro	854 MWh
Distillate	3,871 MWh
SREP	429 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,762.40 MWh	1,393.50 MWh	825.00 MWh	- MWh
IPP	2,108.90 MWh	9,265.00 MWh	28.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	429.00 MWh
<b>TOTAL</b>	<b>3,871.30 MWh</b>	<b>10,658.50 MWh</b>	<b>853.70 MWh</b>	<b>429.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	9%	5%	0%
IPP	13%	59%	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>	15,812.50			

DIST (IPP)	13%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	9%
GAS (IPP)	59%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

