

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (17th APRIL' 2012)</b>	760 MW	749 MW	-1.45%
<b>Maximum Energy (17th APRIL' 2012)</b>	15.3 GWh	14.6 GWh	-4.58%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

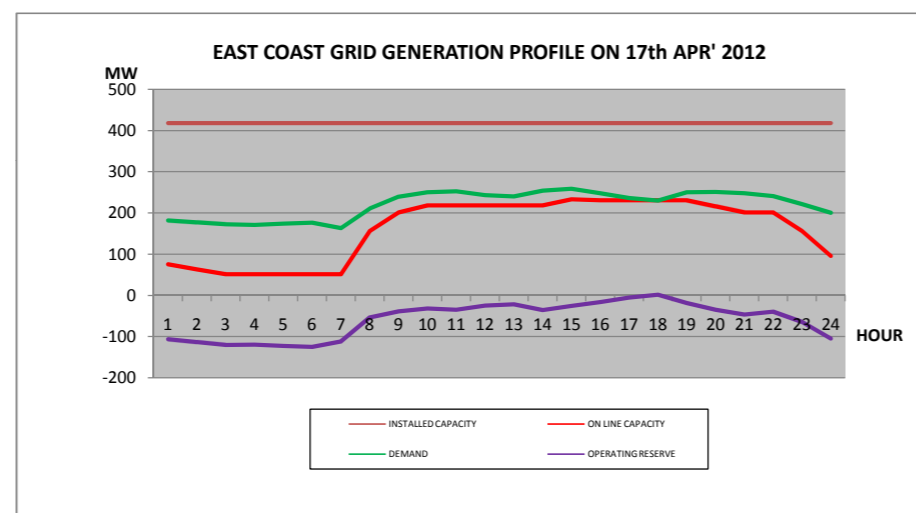
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Apr-12

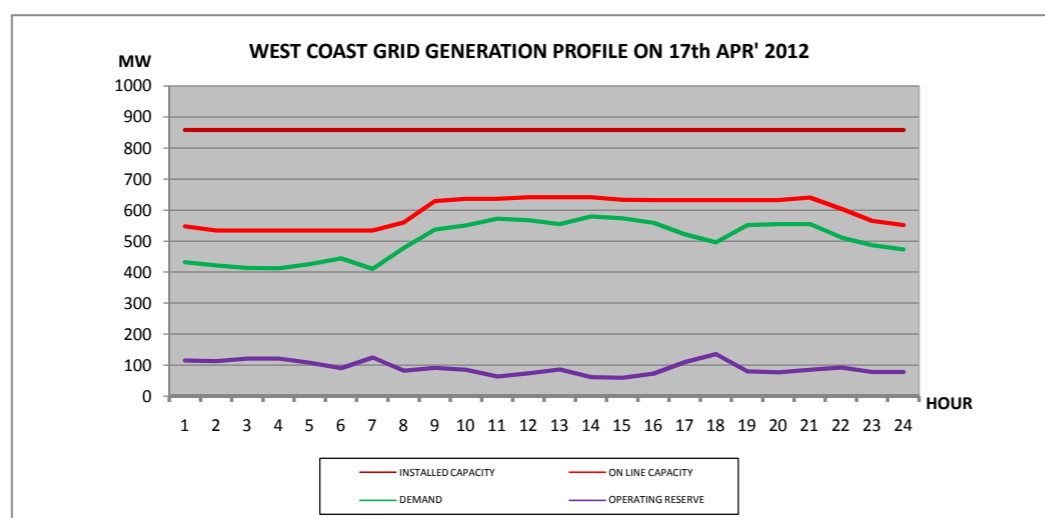
<b>EAST COAST GRID</b>																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		75	63	51	51	51	51	51	156	200.7	217.9	217.9	217.9	217.9	217.9	232.9	230.9	230.9	230.9	230.9	215.9	200.9	200.9	156	95	
<b>DEMAND</b>		181.73	176.48	171.87	170.81	173.62	176.15	162.69	209.95	239.43	250.13	252.65	242.94	239.94	253.8	258.6	247.43	236.25	229.41	249.7	250.77	247.95	240.41	220.83	200	
<b>OPERATING RESERVE</b>		-106.73	-113.48	-120.87	-119.81	-122.62	-125.15	-111.69	-53.95	-38.73	-32.23	-34.75	-25.04	-22.04	-35.9	-25.7	-16.53	-5.35	1.49	-18.8	-34.87	-47.05	-39.51	-64.83	-105	
East Cost		7936.26	6502.75	5314.62	5303.76	5348.12	5292.78	5392.61	16242.5	21931.6	25226	25451.6	24840.2	24940.3	25388.5	26312.4	24918.9	24498.4	23528.2	24925.7	23955.7	23233.3	22547.7	17487.1	9464.85	398441

EAST COAST GRID OPERATION



<b>WEST COAST GRID</b>																									
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>
<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>		548	534.5	534.5	534.5	534.5	534.5	534.5	560.5	628.7	636.2	636.2	641.2	641.2	641.2	632.7	631.6	631.6	631.6	631.6	631.6	640.1	604	565	551.5
<b>DEMAND</b>		432.4	421.8	413.2	412.8	426.3	444.4	410.4	477.6	536.85	550.95	572.15	566.85	554.45	579.35	572.75	558.25	521.25	496.05	551.65	554.15	555.05	510.9	486.2	473.1
<b>OPERATING RESERVE</b>		115.6	112.7	121.3	121.7	108.2	90.1	124.1	82.9	91.85	85.25	64.05	74.35	86.75	61.85	59.95	73.35	110.35	135.55	79.95	77.45	85.05	93.1	78.8	78.4
West Cost		32662	31166	30179	30115	31208	32312	30340	37033	44238	45330	47038	46659	45828	47779	46770	45477	43208	41494	45368	45653	45877	41827	38199	36468

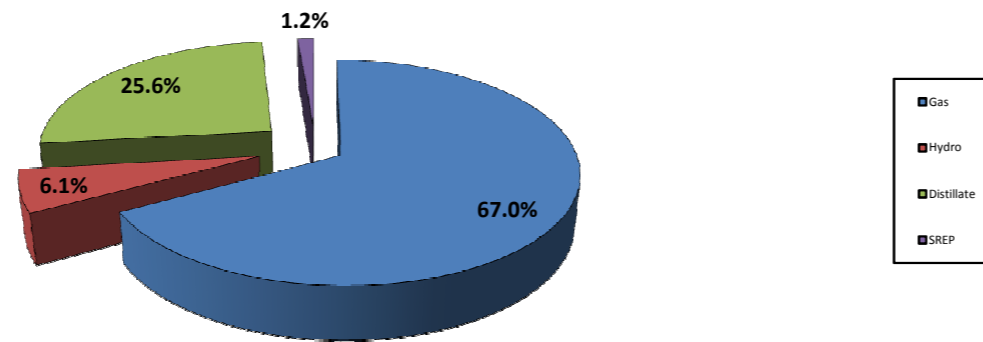
WEST COAST GRID OPERATION



**Generation Mix Profile for 17th April 2012**

Gas	10,065 MWh
Hydro	923 MWh
Distillate	3,842 MWh
SREP	183 MWh

**Daily Generation Mix Profile for 17th April 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,891.15 MWh	1,338.30 MWh	828.00 MWh	- MWh
IPP	1,951.00 MWh	8,727.10 MWh	94.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	182.50 MWh
<b>TOTAL</b>	<b>3,842.15 MWh</b>	<b>10,065.40 MWh</b>	<b>922.50 MWh</b>	<b>182.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	9%	6%	0%
IPP	13%	58%	1%	0%
SREP	0%	0%	0%	1%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,012.55			

DIST (IPP)	13%
DIST (SESB)	13%
SREP	1%
GAS (SESB)	9%
GAS (IPP)	58%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

**GENERATION MIX SESB-IPP-SREP 17th APR' 2012**

