

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (7th JAN' 2013)</b>	790 MW	767 MW	-2.89%
<b>Maximum Energy (7th JAN 2013)</b>	15.8 MW	13.4 GWh	-15.19%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

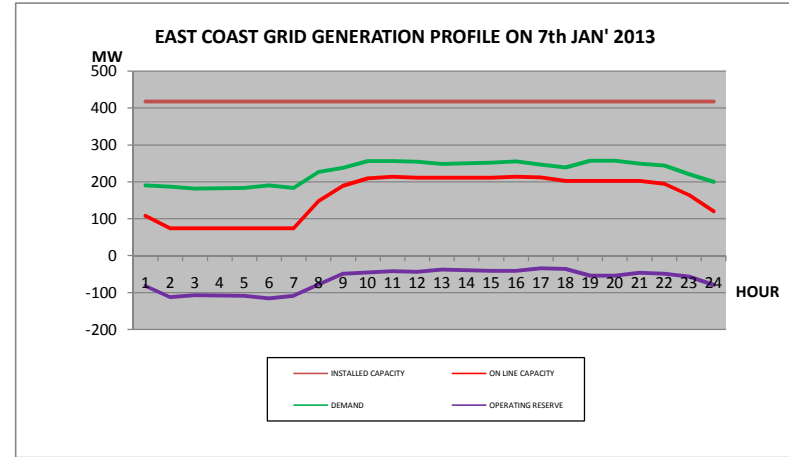
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

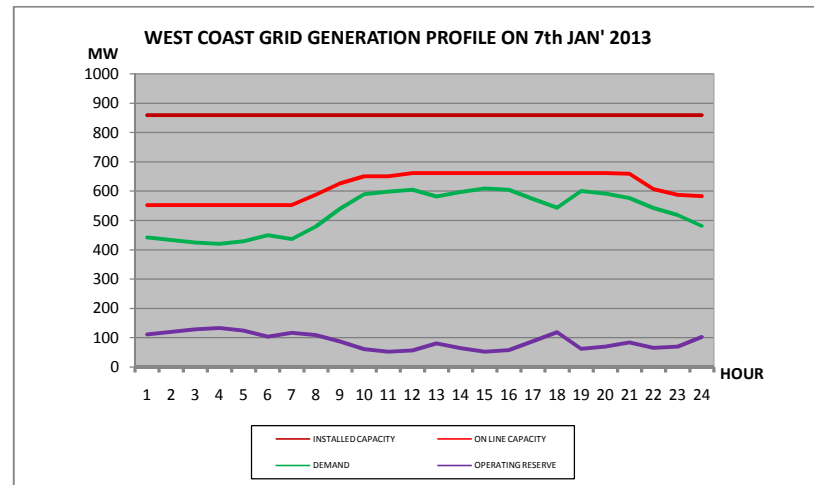
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		108	74	74	74	74	74	74	148	189.2	209.7	213.7	210.7	210.7	210.7	213.7	211.7	202.7	202.7	202.7	202.7	194.7	164	120	
<b>DEMAND</b>		190.63	186.64	181.63	182.51	183.09	190.1	183.51	226.71	238.03	255.76	255.65	254.58	248.33	250.33	251.96	254.98	246.18	238.74	256.87	256.78	249.25	243.74	220.85	199.95
<b>OPERATING RESERVE</b>		-82.63	-112.64	-107.63	-108.51	-109.09	-116.1	-109.51	-78.71	-48.83	-46.06	-41.95	-43.88	-37.63	-39.63	-41.26	-41.28	-34.48	-36.04	-54.17	-54.08	-46.55	-49.04	-56.85	-79.95
East Cost		12630.6	9252.98	9006.75	9095.87	9128.69	9239.61	9307.8	16028.5	22218.3	25297	26444.8	25195.6	26057.9	26241	26186.4	25982.9	24452	23597.8	24824.8	25103.4	24666.9	23239.4	16983.1	14054.7

EAST COAST GRID OPERATION



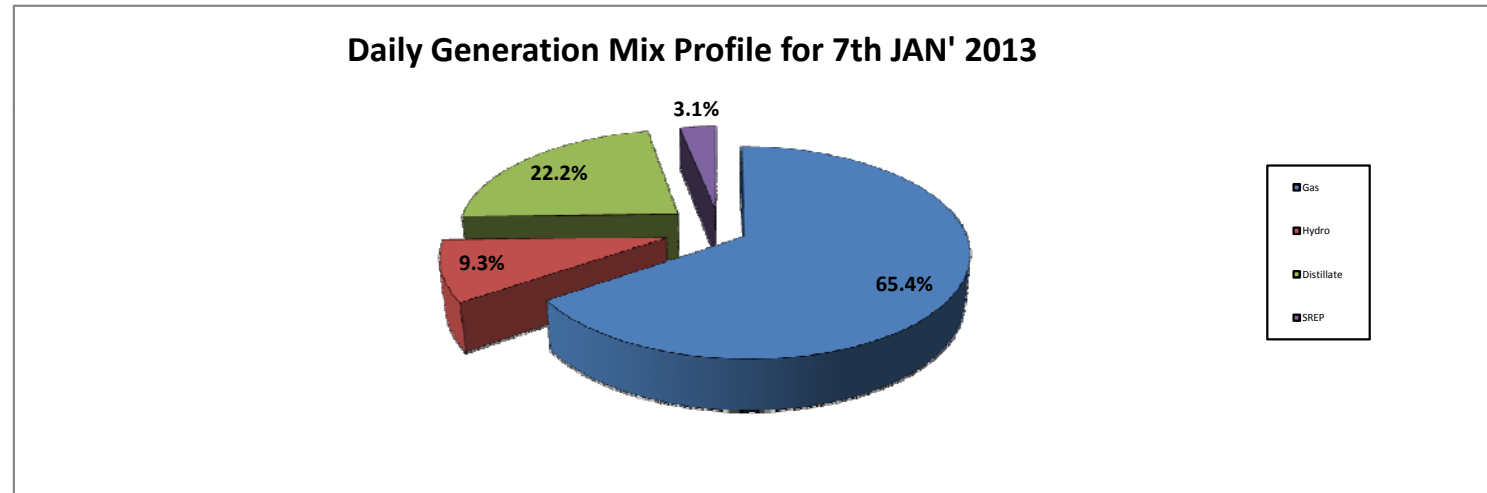
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		552.5	552.5	552.5	552.5	552.5	552.5	552.5	587.5	626.5	650.2	650.2	661.2	661.2	661.2	661.2	661.2	661.2	661.2	661.2	661.2	659.5	606.5	587.5	583
<b>DEMAND</b>		441.5	433.3	423.8	419.9	428.3	448.9	436.3	479	539.9	589.35	598.05	604.45	580.95	596.95	608.65	604.15	573.05	543.05	599.65	591.55	575.4	541.7	517.8	481.1
<b>OPERATING RESERVE</b>		111	119.2	128.7	132.6	124.2	103.6	116.2	108.5	86.6	60.85	52.15	56.75	80.25	64.25	52.55	57.05	88.15	118.15	61.55	69.65	84.1	64.8	69.7	101.9
West Cost		32938.8	32641.3	32021.8	32077.3	32566.5	33458.6	33145.5	35812.5	41278.6	46299.7	46669.7	47379.9	45700.9	46631.5	47812.1	47508.5	45106.6	43783.5	46919.4	46328.4	44955.4	40941.3	37878.7	34781.1

WEST COAST GRID OPERATION



**Generation Mix Profile for 7th January 2013**

Gas	10,206 MWh
Hydro	1,455 MWh
Distillate	3,468 MWh
SREP	477 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,828.55 MWh	1,723.00 MWh	1,314.00 MWh	- MWh
IPP	1,639.80 MWh	8,483.40 MWh	141.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	476.90 MWh
<b>TOTAL</b>	<b>3,468.35 MWh</b>	<b>10,206.40 MWh</b>	<b>1,455.00 MWh</b>	<b>476.90 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	8%	0%
IPP	11%	54%	1%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,606.65			

DIST (IPP)	11%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	11%
GAS (IPP)	54%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

