

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (27th MARCH' 2013)	860 MW	867 MW	0.77%
Maximum Energy (27th MARCH' 2013)	18.0 MW	16.5 GWh	-8.33%
Maximum Demand (record high 27th MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

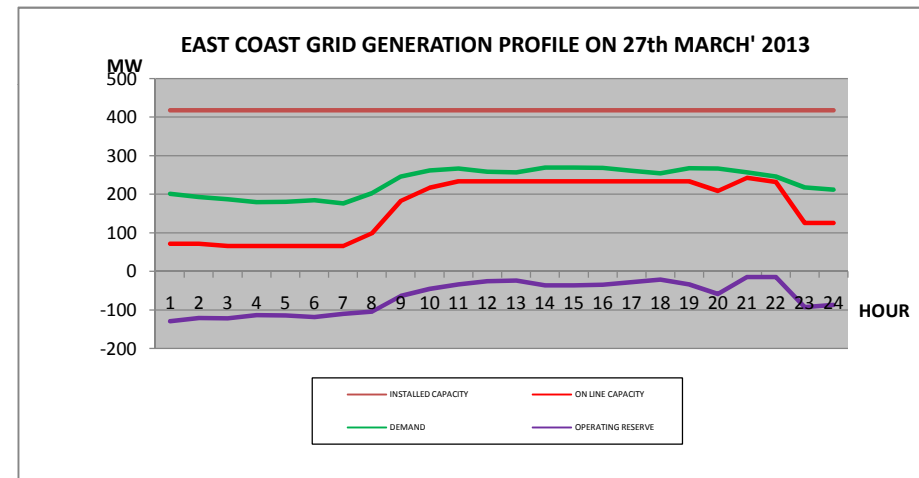
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

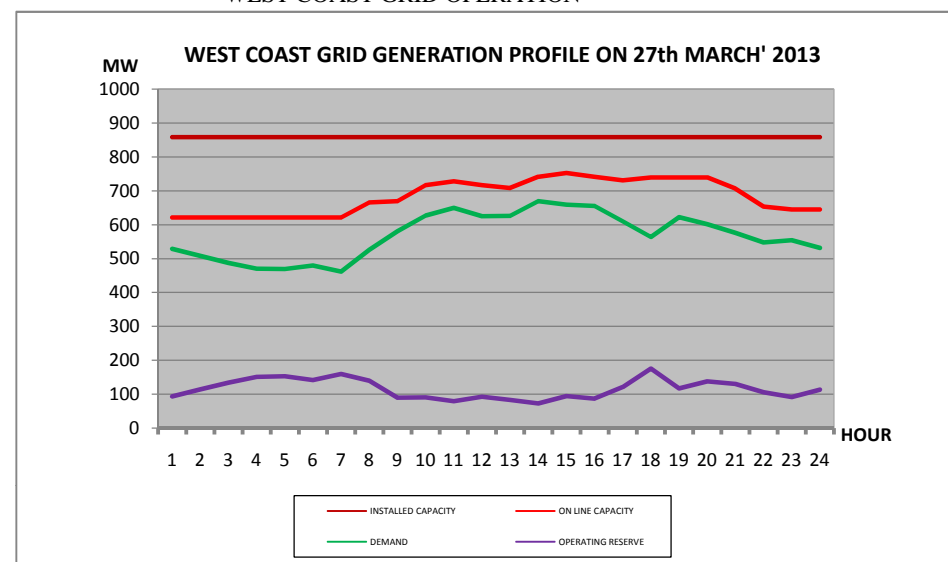
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		72	72	66	66	66	66	66	99	183	216.5	233.5	233.5	233.5	233.5	233.5	233.5	233.5	233.5	208.5	242.5	232	126	126	
<b>DEMAND</b>		200.86	192.34	187.04	179.37	180.24	184.43	176.07	202.79	246.39	261.5	266.63	258.34	257.13	269.36	269.27	268.12	260.92	254.41	267.3	266.89	257.21	246.39	218.06	212.27
<b>OPERATING RESERVE</b>		-128.86	-120.34	-121.04	-113.37	-114.24	-118.43	-110.07	-103.79	-63.39	-45	-33.13	-24.84	-23.63	-35.86	-35.77	-34.62	-27.42	-20.91	-33.8	-58.39	-14.71	-14.39	-92.06	-86.27
East Cost		12919.1	12001.4	11613.8	11783.8	11845.9	11664.2	12271.9	14338.7	23397.2	28772.6	30086.4	29396.2	29508.4	29066.3	30826.4	30870.5	29506.6	29308.5	30396.5	26289.4	29206.3	28475	17736.6	16749.4

EAST COAST GRID OPERATION



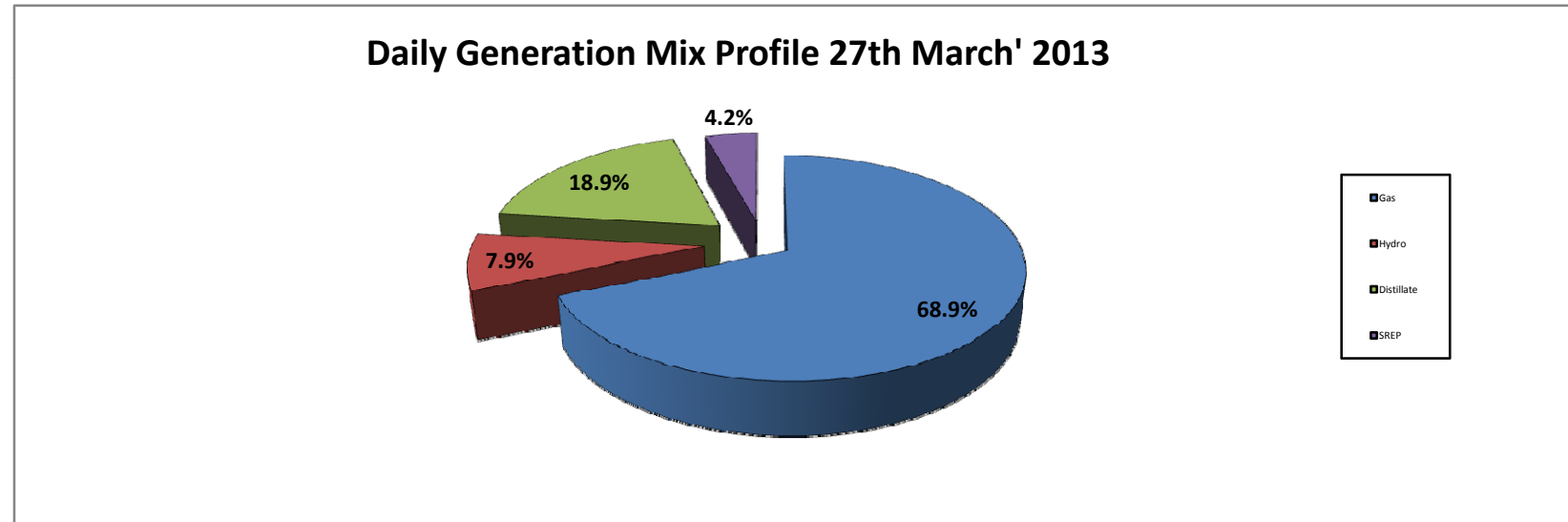
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		621	621	621	621	621	621	621	665	669.5	717	728	717	708.5	741.5	752.5	741.5	730.5	739	739	739	706	653	645	645
<b>DEMAND</b>		528.1	507.4	486.9	469.9	468.8	479.5	461.5	525.7	580	626.5	649.3	624.9	625.9	669.2	658.7	655.2	609.8	563.7	622.2	601.3	576.1	547.8	554.2	531.7
<b>OPERATING RESERVE</b>		92.9	113.6	134.1	151.1	152.2	141.5	159.5	139.3	89.5	90.5	78.7	92.1	82.6	72.3	93.8	86.3	120.7	175.3	116.8	137.7	129.9	105.2	90.8	113.3
West Cost		40688.5	39220.6	37843.7	36621.1	36535.8	37337.7	36440.1	38422.6	41560	47294	49446	47358	47100	50474.8	50383	50005.7	46413.1	43469.4	47620.5	47662.9	45432.3	41158.5	41151.9	39456.7

WEST COAST GRID OPERATION



**Generation Mix Profile for 27th March 2013**

Gas	11,538 MWh
Hydro	1,323 MWh
Distillate	3,171 MWh
SREP	708 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,434.50 MWh	2,126.50 MWh	1,293.00 MWh	- MWh
IPP	1,736.28 MWh	9,411.60 MWh	30.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	708.10 MWh
<b>TOTAL</b>	<b>3,170.78 MWh</b>	<b>11,538.10 MWh</b>	<b>1,323.00 MWh</b>	<b>708.10 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	13%	8%	0%
IPP	10%	56%	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>	16,739.98			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	56%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

