

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (17th FEB' 2013)	730 MW	681 MW	-6.67%
Maximum Energy (17th FEB' 2013)	15.0 MW	12.8 GWh	-14.67%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

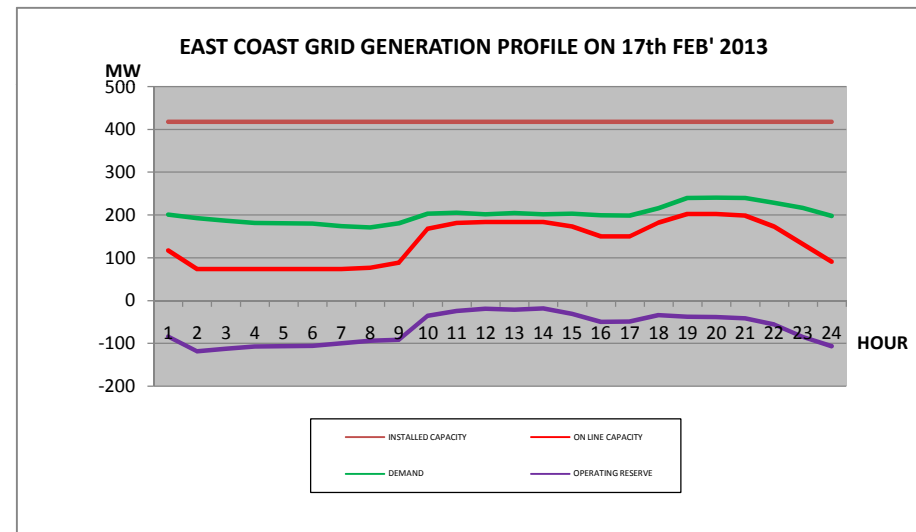
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

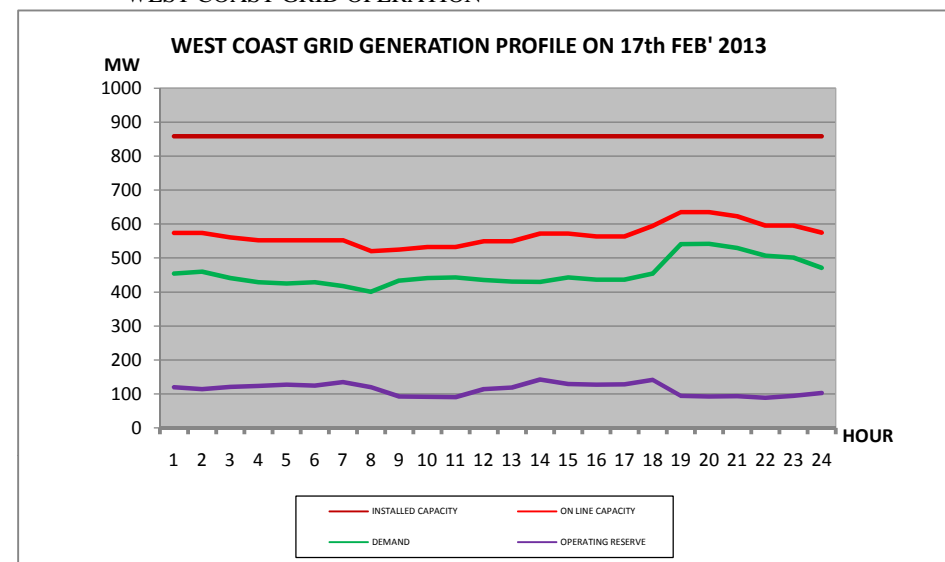
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		117	74	74	74	74	74	74	77	89	168	181.5	183.5	183.5	173	150	150	182.5	202.5	202.5	198.5	173	132	91	
<b>DEMAND</b>		200.94	192.88	186.74	181.81	180.58	180.11	173.7	170.93	180.96	203.2	205.76	201.9	204.46	201.51	203.44	199.38	198.56	216.14	239.79	240.8	240.21	228.8	216.97	197.9
<b>OPERATING RESERVE</b>		-83.94	-118.88	-112.74	-107.81	-106.58	-106.11	-99.7	-93.93	-91.96	-35.2	-24.26	-18.4	-20.96	-18.01	-30.44	-49.38	-48.56	-33.64	-37.29	-38.3	-41.71	-55.8	-84.97	-106.9
East Cost		15189.9	8995.01	9016.38	9164.56	9192.46	8788.37	8259.92	9259.34	10035.7	16197.3	18406.9	19430.5	19806.6	20148.9	17606.2	16127.8	16209.3	19745.8	20541.8	20947.3	21086.4	18415.2	14162.7	11725.7

EAST COAST GRID OPERATION



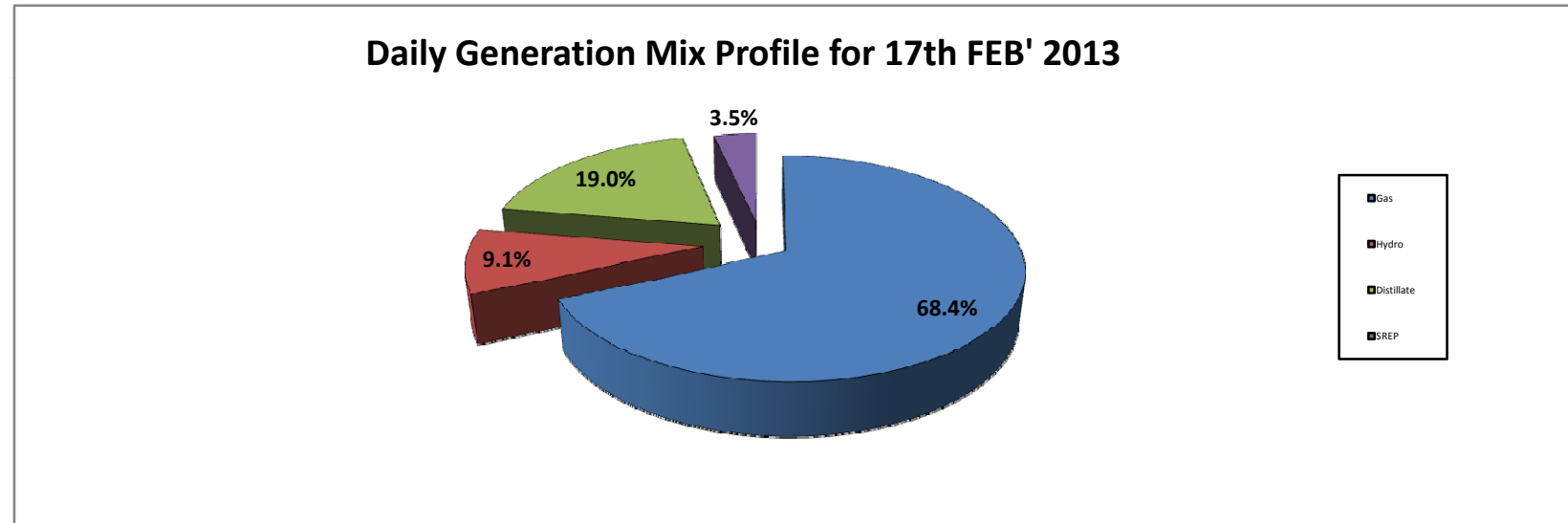
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		574	574	561	552.5	552.5	552.5	552.5	520.5	525	533	533	550	550	572	572	564	564	595	635	635	623	596	596	574.5
<b>DEMAND</b>		453.9	460.2	440.6	428.6	425.1	428.3	417.4	400.3	433	441.3	442.8	435.6	430.9	429.6	442.6	436.4	436.2	453.9	541.1	542.2	529.7	507.3	501.8	471.3
<b>OPERATING RESERVE</b>		120.1	113.8	120.4	123.9	127.4	124.2	135.1	120.2	92	91.7	90.2	114.4	119.1	142.4	129.4	127.6	127.8	141.1	93.9	92.8	93.3	88.7	94.2	103.2
West Cost		37249	37899.1	35552	34156.8	33869.8	34165	33293.3	31375.4	33574.2	34183.7	34326.7	34471.8	34139.2	33222.3	33428.9	33080.8	32822.6	35554.9	42402.2	42489.4	41612.5	38822	38282.6	34523

WEST COAST GRID OPERATION



**Generation Mix Profile for 17th February 2013**

Gas	9,152 MWh
Hydro	1,217 MWh
Distillate	2,538 MWh
SREP	465 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,053.70 MWh	2,181.80 MWh	1,128.00 MWh	- MWh
IPP	1,484.10 MWh	6,970.40 MWh	88.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	465.20 MWh
<b>TOTAL</b>	<b>2,537.80 MWh</b>	<b>9,152.20 MWh</b>	<b>1,216.60 MWh</b>	<b>465.20 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	16%	8%	0%
IPP	11%	52%	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>	13,371.80			

DIST (IPP)	11%
DIST (SESB)	8%
SREP	3%
GAS (SESB)	16%
GAS (IPP)	52%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

