

GRID SYSTEM OPERATION SUMMARY (SABAH)

		FORECAST	ACTUAL	VARIANCE
Maximum Demand (4th FEB' 2013)		800 MW	781 MW	-2.33%
Maximum Energy (4th FEB' 2013)		16.8 MW	15.4 GWh	-8.33%
Maximum Demand (record high 28/06/11)		800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

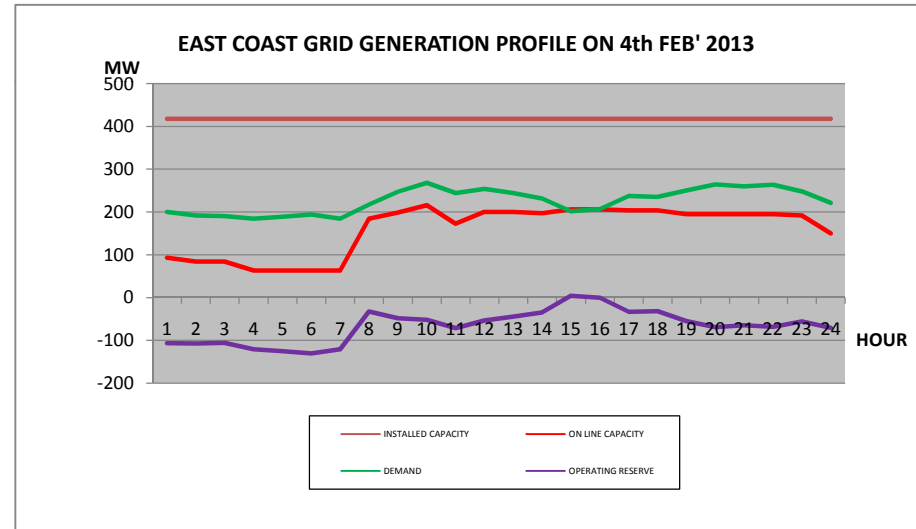
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

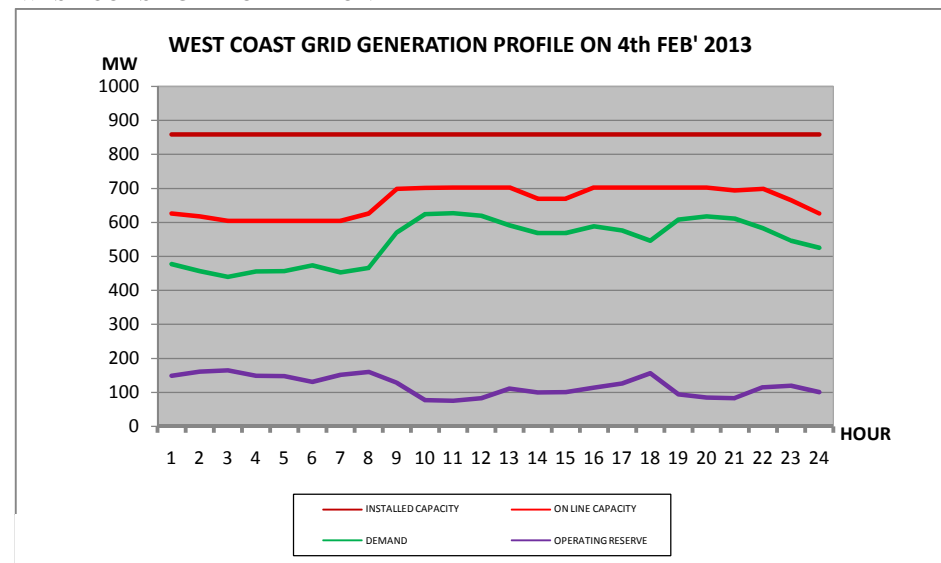
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		93	84	84	63	63	63	63	184	198.5	215.5	172.5	199.5	199.5	196.5	205.5	205.5	203.5	203.5	194.5	194.5	194.5	194.5	191.5	150
DEMAND		200.22	191.92	190.07	184.47	188.87	194.01	184.25	216.96	246.97	267.94	244.17	253.5	244.24	231.49	201.69	206.53	236.93	235.4	250.16	264.26	259.96	263.68	247.95	221.2
OPERATING RESERVE		-107.22	-107.92	-106.07	-121.47	-125.87	-131.01	-121.25	-32.96	-48.47	-52.44	-71.67	-54	-44.74	-34.99	3.81	-1.03	-33.43	-31.9	-55.66	-69.76	-65.46	-69.18	-56.45	-71.2
East Cost		11228	10802.7	11081.4	8728.71	9019.55	7885.69	8888.52	20088.7	21480.1	24363.8	18016.1	22234.5	23503.8	23778.5	23332.2	20923.9	21232.5	21633.7	21790.2	21882	21869.2	21600	20999.5	14477.4

EAST COAST GRID OPERATION



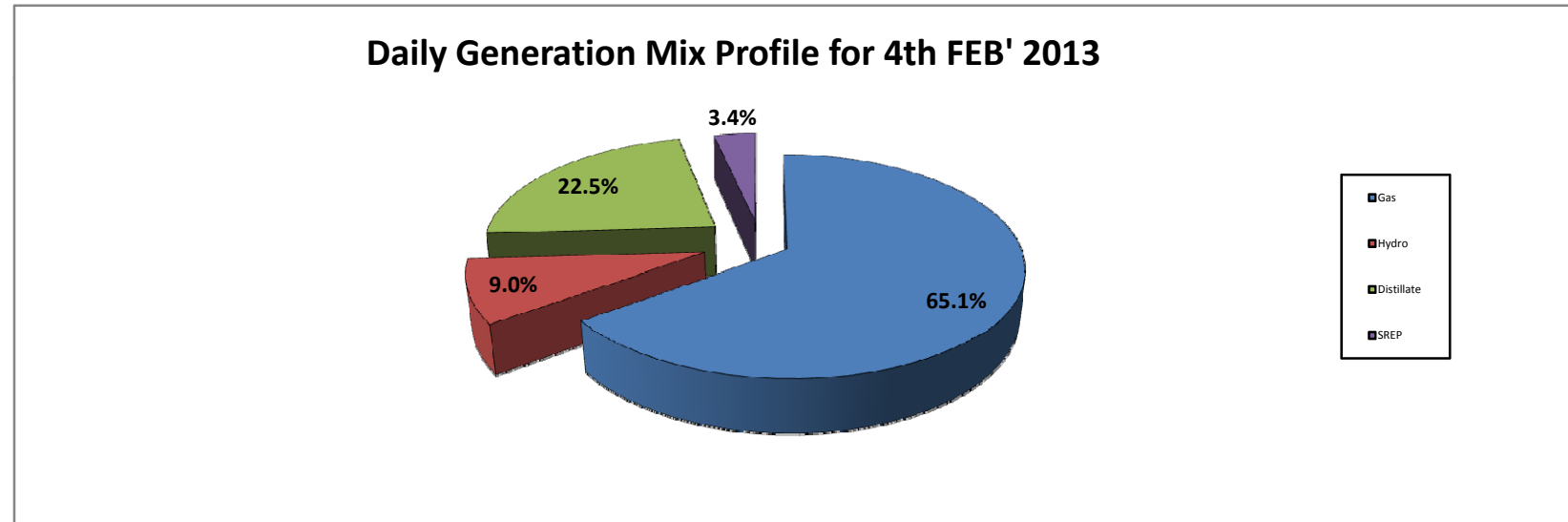
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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
ON LINE CAPACITY		626	617.5	604.5	604.5	604.5	604.5	604.5	626	698	701.6	702.2	702.2	702.2	669.2	669.2	702.2	702.2	702.2	702.2	702.2	693.7	698	665	626
DEMAND		477.3	456.3	439.6	455.7	456.6	473.2	453.1	466	570.3	624.5	626.95	619.25	591.55	569.05	568.25	588.15	575.75	545.75	608.25	617.45	611.15	582.7	545.6	525.4
OPERATING RESERVE		148.7	161.2	164.9	148.8	147.9	131.3	151.4	160	127.7	77.1	75.25	82.95	110.65	100.15	100.95	114.05	126.45	156.45	93.95	84.75	82.55	115.3	119.4	100.6
West Cost		38103.7	36134.9	34308.7	35106.8	35183.7	36495.7	35232	37615.1	47502	50740.9	50981.5	50523.2	49320	48870.3	48780.9	51121	49705.7	47246	50680.8	50498	50229.4	47706.7	44616.1	41366

WEST COAST GRID OPERATION



Generation Mix Profile for 4th February 2013

Gas	10,335 MWh
Hydro	1,435 MWh
Distillate	3,572 MWh
SREP	545 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,562.25 MWh	2,282.00 MWh	1,319.00 MWh	- MWh
IPP	2,009.30 MWh	8,053.40 MWh	116.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	545.20 MWh
TOTAL	3,571.55 MWh	10,335.40 MWh	1,435.00 MWh	545.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	14%	8%	0%
IPP	13%	51%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,887.15			

DIST (IPP)	13%
DIST (SESB)	10%
SREP	3%
GAS (SESB)	14%
GAS (IPP)	51%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

