

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (19th FEB' 2013)	810 MW	741 MW	-8.58%
Maximum Energy (19th FEB' 2013)	16.5 MW	14.9 GWh	-9.70%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

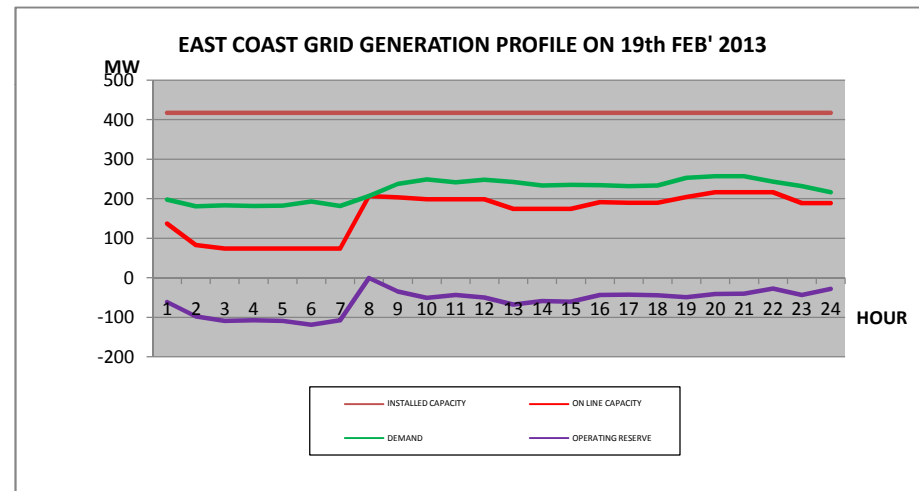
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

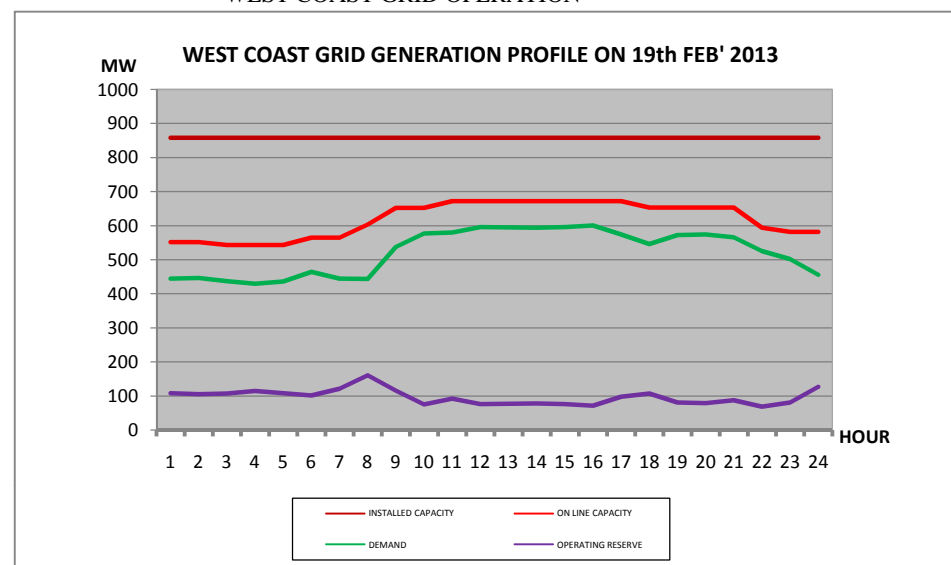
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		137	83	74	74	74	74	74	206.5	203.5	198.5	198.5	198.5	174.5	174.5	174.5	191.5	189.5	189.5	204.5	216.5	216.5	216.5	189	189
DEMAND		198	180.85	182.96	181.82	182.68	192.84	181.67	206.6	237.7	248.71	241.46	248.19	242.01	233.42	235	234.38	231.92	233.39	253.18	256.98	256.7	243.46	232.09	216.55
OPERATING RESERVE		-61	-97.85	-108.96	-107.82	-108.68	-118.84	-107.67	-0.1	-34.2	-50.21	-42.96	-49.69	-67.51	-58.92	-60.5	-42.88	-42.42	-43.89	-48.68	-40.48	-40.2	-26.96	-43.09	-27.55
East Cost		14903	8210.54	9254.23	9054.2	9034.58	8958.44	9082.91	20846.5	21454.9	22326.8	22620	22168.3	21588.3	21175.1	21709	22338.8	21142.1	20735.7	25102.6	24832.9	24561.3	24056.8	20713.3	20117.6

EAST COAST GRID OPERATION



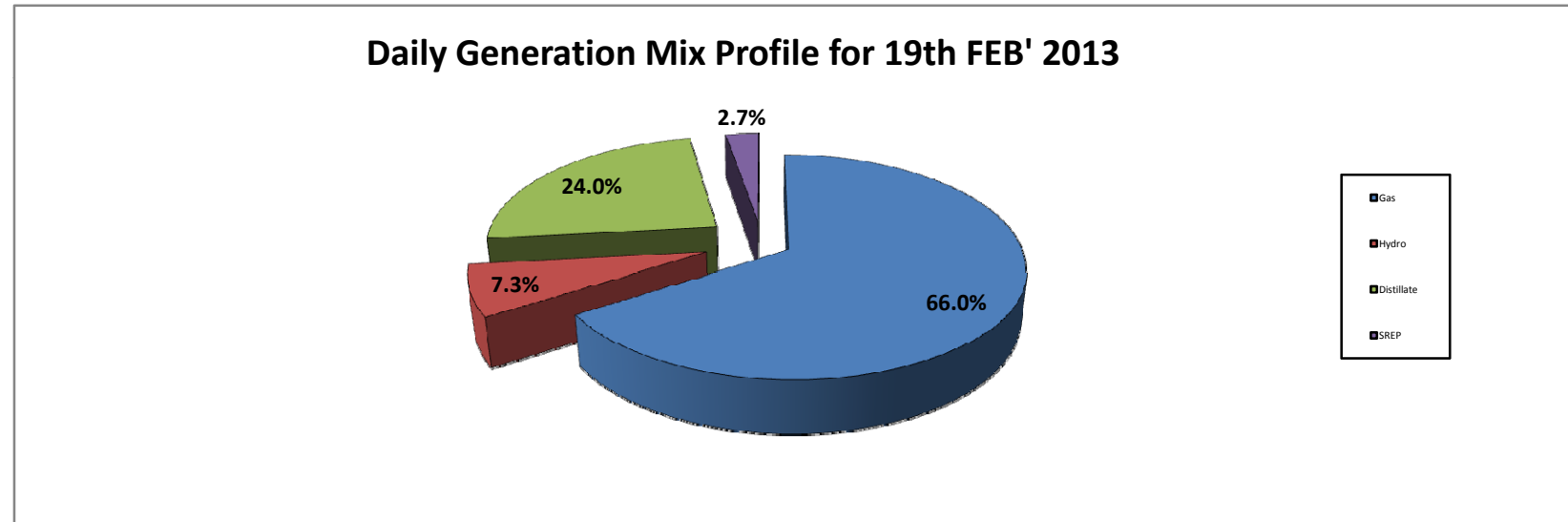
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		552	552	543.5	543.5	543.5	565.5	565.5	604	652.6	652.6	672.2	672.2	672.2	672.2	672.2	672.2	672.2	653.2	653.2	653.2	653.2	594	582	582
DEMAND		444.4	446.6	436.7	429.2	435.6	463.8	444	443.4	537.4	577.4	580.13	596.35	595.65	594.25	596.15	600.85	574.45	545.85	572.45	574.65	565.95	525.5	501.6	455.7
OPERATING RESERVE		107.6	105.4	106.8	114.3	107.9	101.7	121.5	160.6	115.2	75.2	92.07	75.85	76.55	77.95	76.05	71.35	97.75	107.35	80.75	78.55	87.25	68.5	80.4	126.3
West Cost		37416.2	37395.7	36203.6	35607.9	36243.2	36943.2	35001.9	35596.2	43907.1	45849.7	47487.5	48677.4	48576.1	48469.2	48657	48661.4	47604	44840.3	45942.8	46141.9	46168.4	42088.5	40058.4	37367.9

WEST COAST GRID OPERATION



Generation Mix Profile for 19th February 2013

Gas	10,200 MWh
Hydro	1,121 MWh
Distillate	3,711 MWh
SREP	412 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,636.05 MWh	2,517.70 MWh	1,038.00 MWh	- MWh
IPP	2,074.50 MWh	7,682.78 MWh	83.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	412.35 MWh
TOTAL	3,710.55 MWh	10,200.48 MWh	1,121.00 MWh	412.35 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	16%	7%	0%
IPP	13%	50%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,444.38			

DIST (IPP)	13%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	16%
GAS (IPP)	50%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

