

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (14th FEB' 2013)	750 MW	731 MW	-2.56%
Maximum Energy (14th FEB' 2013)	16.4 MW	14.3 GWh	-12.80%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

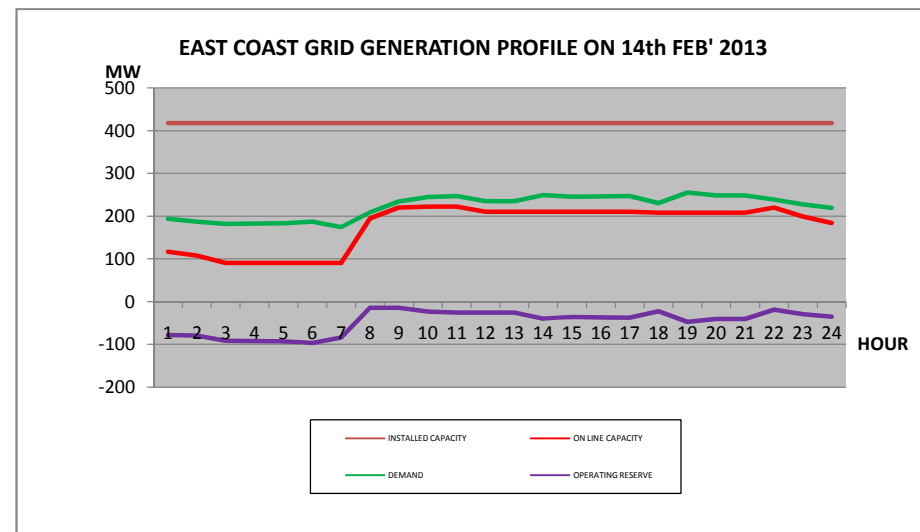
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

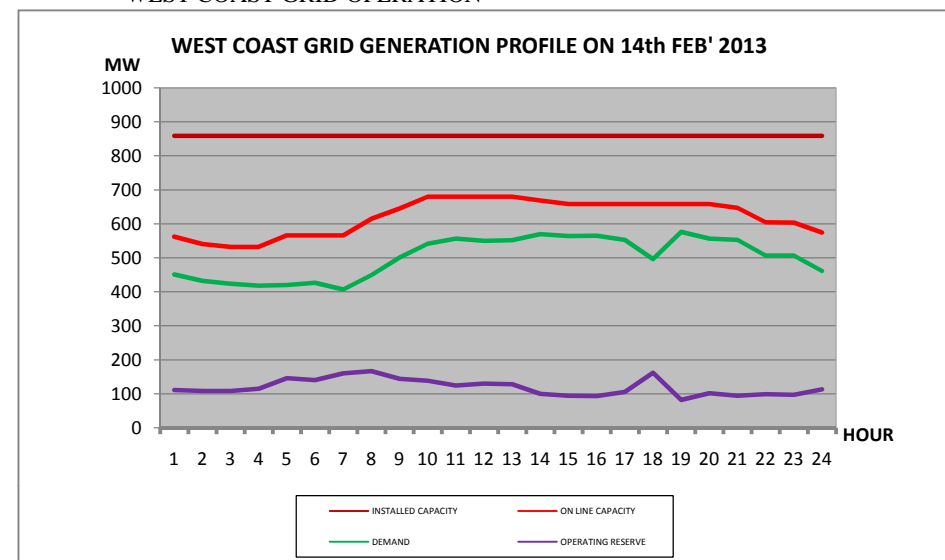
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		117	108	91	91	91	91	91	195	220.5	222.5	222.5	210.5	210.5	210.5	210.5	210.5	210.5	208.5	208.5	208.5	208.5	220.5	199.5	184.5
DEMAND		194.15	187.34	182.16	183.01	183.65	187.22	174.7	208.82	234.57	245.09	247.28	235.41	235.25	249.67	245.85	246.49	247.27	230.48	255.36	248.68	248.81	239.13	228.04	219.46
OPERATING RESERVE		-77.15	-79.34	-91.16	-92.01	-92.65	-96.22	-83.7	-13.82	-14.07	-22.59	-24.78	-24.91	-24.75	-39.17	-35.35	-35.99	-36.77	-21.98	-46.86	-40.18	-40.31	-18.63	-28.54	-34.96
East Cost		14487.2	13399.5	11432.8	11834.4	11374.3	11870	12053.5	21023.4	24287.3	25711.8	26001.2	24296.2	24174.8	25105.9	24808.9	25053.4	24089.6	22937.2	23833.1	24088.5	23802.4	24671.6	22309.8	21074.3

EAST COAST GRID OPERATION



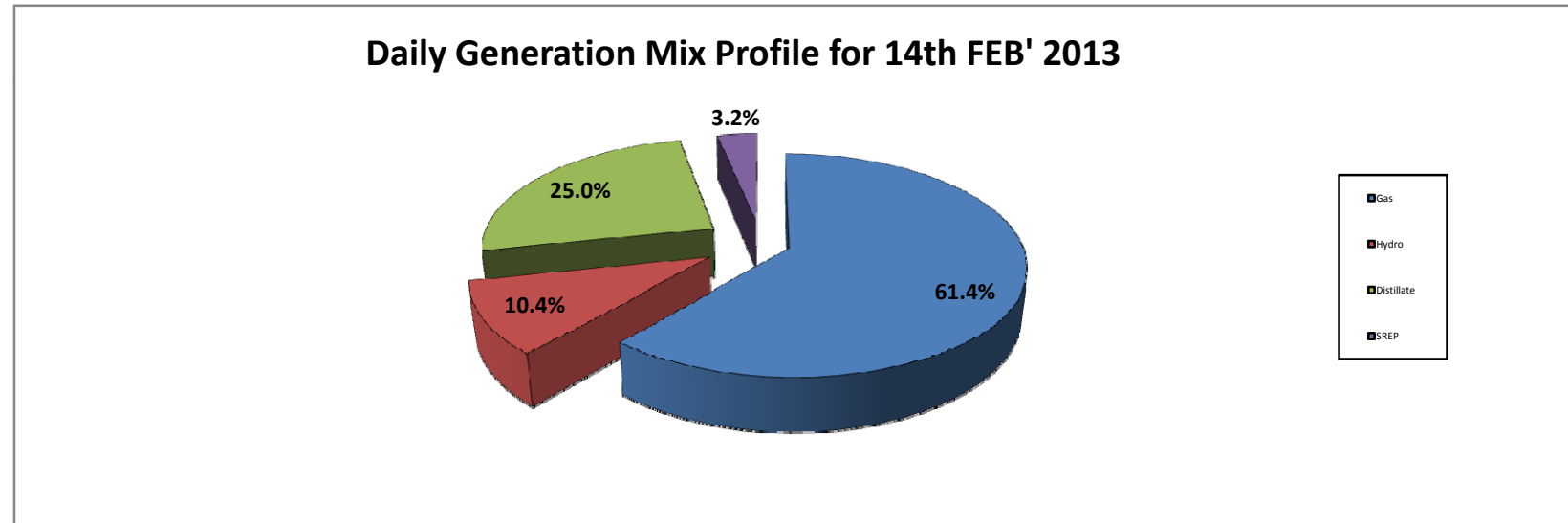
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		562	540.5	532	532	566	566	566	615	645	680.1	680.1	680.1	680.1	669.1	658.1	658.1	658.1	658.1	658.1	658.1	647.1	605.1	604	574
DEMAND		450.7	431.7	423.8	417.5	419.6	426.1	406.4	448.4	500.7	541.4	556.1	549.7	551.6	569.3	564.1	564.4	552.7	496	576	555.9	552.7	506.2	506.7	461.1
OPERATING RESERVE		111.3	108.8	108.2	114.5	146.4	139.9	159.6	166.6	144.3	138.7	124	130.4	128.5	99.8	94	93.7	105.4	162.1	82.1	102.2	94.4	98.9	97.3	112.9
West Cost		34176.1	31552.7	30514.7	29965.8	31566.8	32225.9	30581.2	35588.2	40925.8	44988.2	45124.6	45016	45755.3	45625.6	45159	45315.4	44901.5	42017.8	46204.4	45473.8	44495.8	39553.2	39357.5	37205.8

WEST COAST GRID OPERATION



Generation Mix Profile for 14th February 2013

Gas	9,346 MWh
Hydro	1,582 MWh
Distillate	3,813 MWh
SREP	492 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,962.85 MWh	2,273.90 MWh	1,451.00 MWh	- MWh
IPP	1,850.60 MWh	7,072.20 MWh	130.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	492.00 MWh
TOTAL	3,813.45 MWh	9,346.10 MWh	1,581.60 MWh	492.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	15%	10%	0%
IPP	12%	46%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,233.15			

DIST (IPP)	12%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	46%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

