

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (16th FEB' 2013)	750 MW	715 MW	-4.72%
Maximum Energy (16th FEB' 2013)	15.7 MW	14.1 GWh	-10.19%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

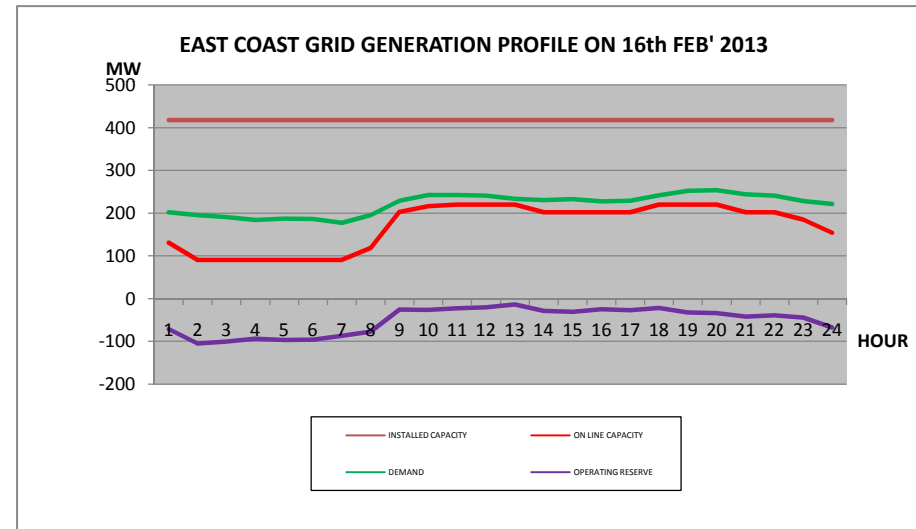
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

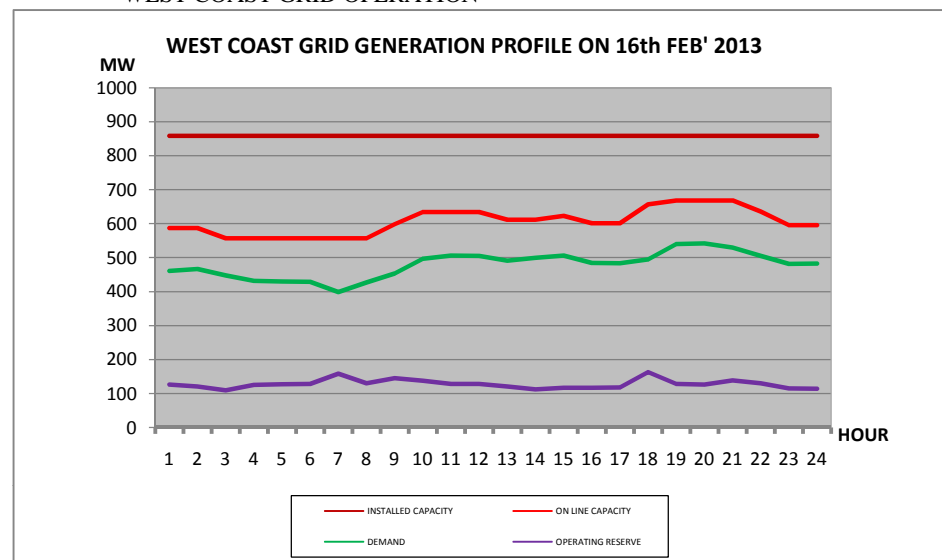
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		131.5	91	91	91	91	91	91	119	203.5	216.5	220.5	220.5	220.5	202.5	202.5	202.5	202.5	220.5	220.5	220.5	202.5	202.5	185	155
DEMAND		202.5	195.4	191.04	184.17	186.99	186.19	177.37	195.65	228.91	242.71	242.85	240.98	233.92	230.67	232.95	227.47	229.63	242.15	252.88	254.09	244.42	241.03	228.89	221.85
OPERATING RESERVE		-71	-104.4	-100.04	-93.17	-95.99	-95.19	-86.37	-76.65	-25.41	-26.21	-22.35	-20.48	-13.42	-28.17	-30.45	-24.97	-27.13	-21.65	-32.38	-33.59	-41.92	-38.53	-43.89	-66.85
East Cost		14929.2	10489.3	10176.4	10049.2	10725.4	10712.8	10727.4	13399.1	21740	24759.3	25528.2	24694.1	24715.8	23465.8	22525.5	23070.3	22877.9	24869.3	26462.7	25997.2	24229.2	24207.4	21547.6	18991.3

EAST COAST GRID OPERATION



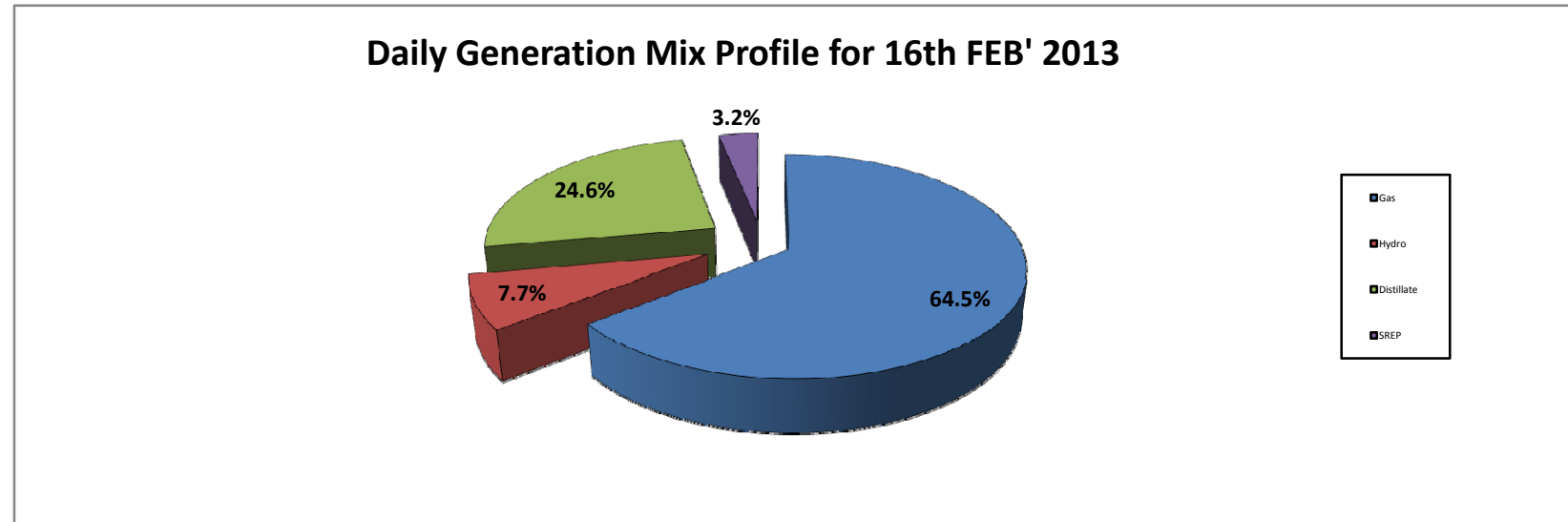
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		587.5	587.5	557	557	557	557	557	557	598	634	634	634	612	612	623	601	601	657	668	668	668	635	596	596
DEMAND		461	466.6	447.5	431.2	429.6	428.9	398.6	427.1	453.1	496.1	506	505.3	490.9	499.5	506.2	483.7	483.1	494.1	539.7	541.5	529.3	505.3	481.2	482.2
OPERATING RESERVE		126.5	120.9	109.5	125.8	127.4	128.1	158.4	129.9	144.9	137.9	128	128.7	121.1	112.5	116.8	117.3	117.9	162.9	128.3	126.5	138.7	129.7	114.8	113.8
West Cost		36009.1	36240.2	35105	34375.4	34214.5	34184.7	31937.1	33490.2	36062.4	40187.5	41377.5	41347.2	41347.7	42234.5	42970.4	40666.5	40570.6	41606.7	45025.2	44687.1	43397.4	40703.6	37494.5	37582.1

WEST COAST GRID OPERATION



Generation Mix Profile for 16th February 2013

Gas	9,434 MWh
Hydro	1,121 MWh
Distillate	3,594 MWh
SREP	468 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,796.40 MWh	2,311.20 MWh	1,023.00 MWh	- MWh
IPP	1,797.20 MWh	7,122.70 MWh	98.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	467.50 MWh
TOTAL	3,593.60 MWh	9,433.90 MWh	1,121.00 MWh	467.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	16%	7%	0%
IPP	12%	49%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	14,616.00			

DIST (IPP)	12%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	16%
GAS (IPP)	49%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

