

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (15th FEB' 2013)	750 MW	759 MW	1.13%
Maximum Energy (15th FEB' 2013)	15.9 MW	15.1 GWh	-5.03%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

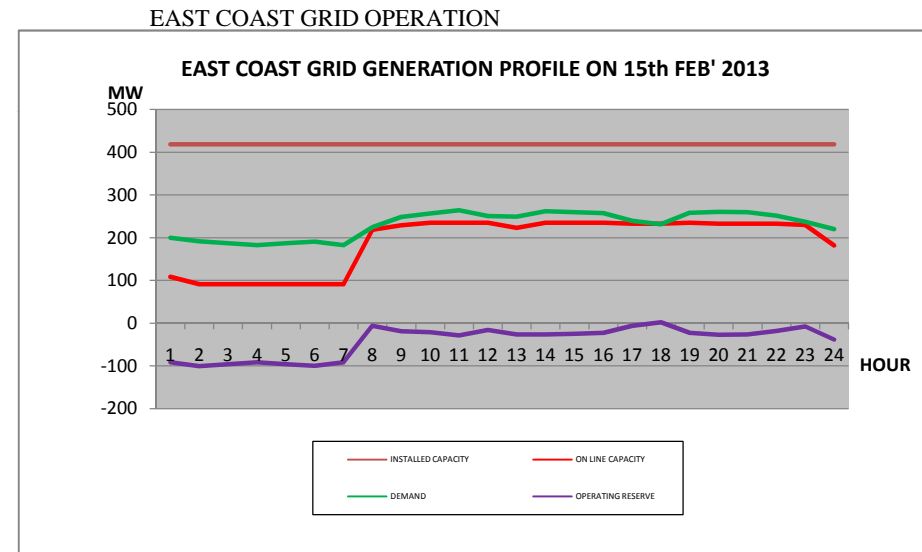
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

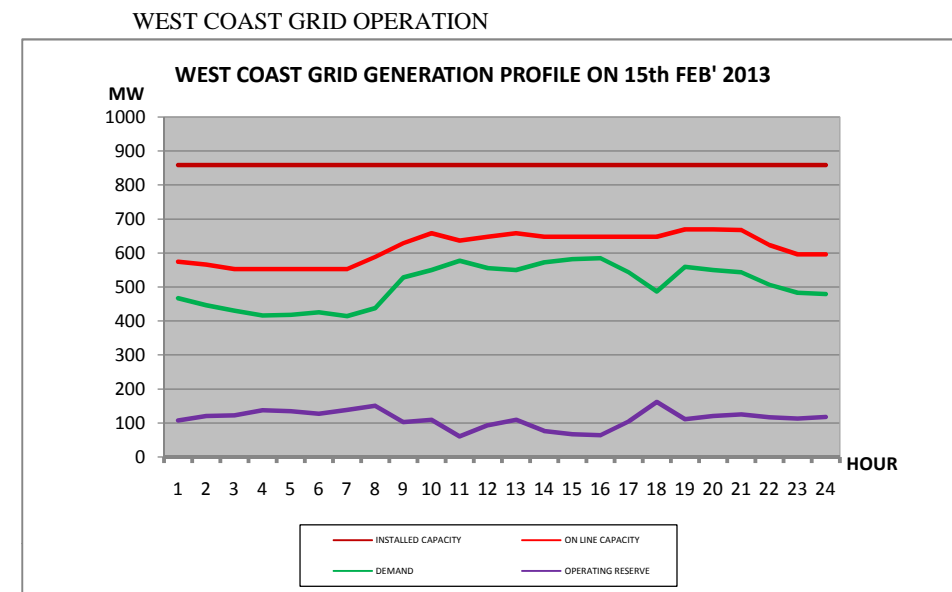
Energy Commission Malaysia

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		108	91	91	91	91	91	91	218	228.5	234.5	234.5	234.5	222.5	234.5	234.5	234.5	232.5	232.5	234.5	232.5	232.5	232.5	229.5	181.5
DEMAND		199.92	191.64	186.92	182.73	187.07	190.9	182.58	224.393	247.98	255.98	263.79	250.48	248.98	261.62	259.47	257.36	239.34	230.93	257.9	260.07	259.19	250.8	237.33	220.11
OPERATING RESERVE		-91.92	-100.64	-95.92	-91.73	-96.07	-99.9	-91.58	-6.393	-19.48	-21.48	-29.29	-15.98	-26.48	-27.12	-24.97	-22.86	-6.84	1.57	-23.4	-27.57	-26.69	-18.3	-7.83	-38.61
East Cost		13476.7	11815.2	12159.9	11952.5	11785.4	11626.8	11398.8	23589.6	24286	27112.4	27741.8	26553.2	26633.5	27375.9	26735.2	25880.2	24040.5	25500.8	26877.9	27014.1	26653.2	26621.9	25976.3	19692.7

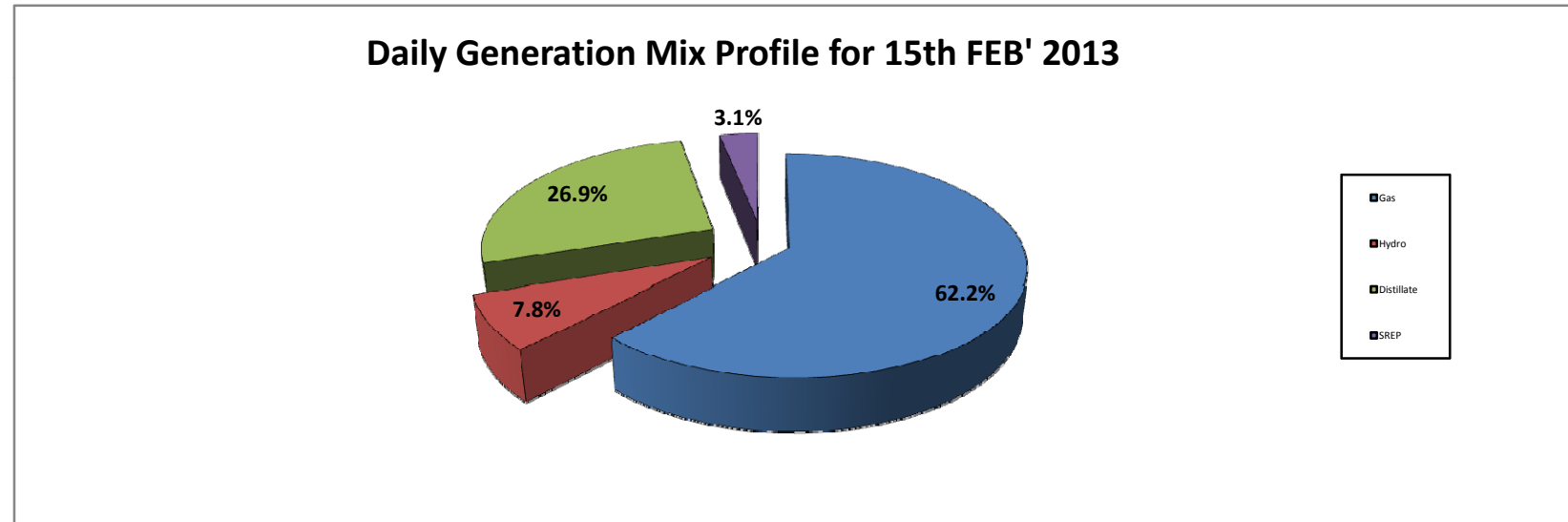


WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		574	565.5	552.5	552.5	552.5	552.5	552.5	588.5	629.5	658.7	636.7	647.7	658.7	647.7	647.7	647.7	647.7	647.7	669.7	669.7	668	623	596	596
DEMAND		466.8	445.5	429.8	415.6	417.8	425.6	414	437.7	527.3	549.1	576.4	554.6	549.6	571.8	581.1	584.1	543	485.9	558.4	549.6	543.1	506.2	483	478.8
OPERATING RESERVE		107.2	120	122.7	136.9	134.7	126.9	138.5	150.8	102.2	109.6	60.3	93.1	109.1	75.9	66.6	63.6	104.7	161.8	111.3	120.1	124.9	116.8	113	117.2
West Cost		37518.8	35424.4	33492.6	32750.4	32911.3	33604.6	33096.9	36736.2	44007.4	46385.5	47800.9	46760.6	46815.5	47615.7	48381.8	48657.4	45242.9	41851.7	45449.6	44657.8	43573.3	39592.7	36885.5	36567.5



Generation Mix Profile for 15th February 2013

Gas	9,666 MWh
Hydro	1,214 MWh
Distillate	4,185 MWh
SREP	483 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,998.95 MWh	2,397.20 MWh	1,088.00 MWh	- MWh
IPP	2,186.10 MWh	7,268.50 MWh	125.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	482.80 MWh
TOTAL	4,185.05 MWh	9,665.70 MWh	1,213.70 MWh	482.80 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	15%	7%	0%
IPP	14%	47%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,547.25			

DIST (IPP)	14%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	47%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

