

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (18th FEB' 2013)	810 MW	765 MW	-5.60%
Maximum Energy (18th FEB' 2013)	16.7 MW	14.9 GWh	-10.78%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

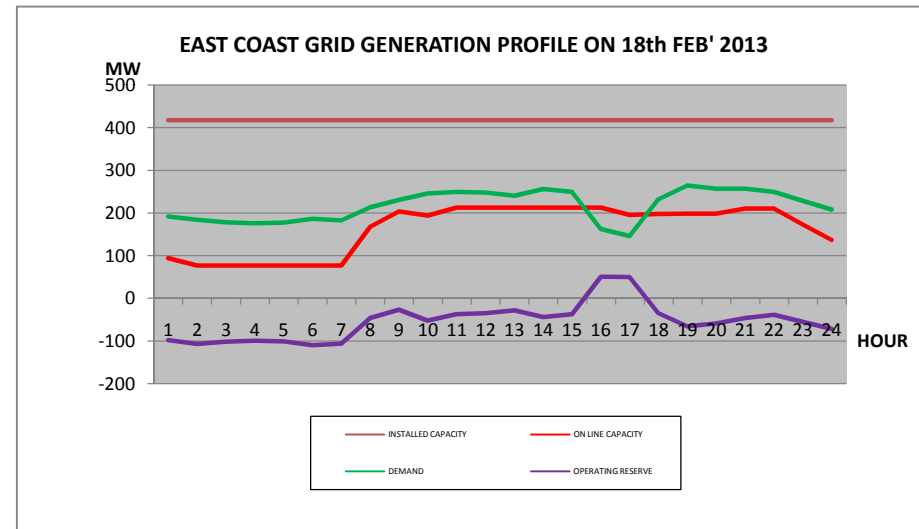
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

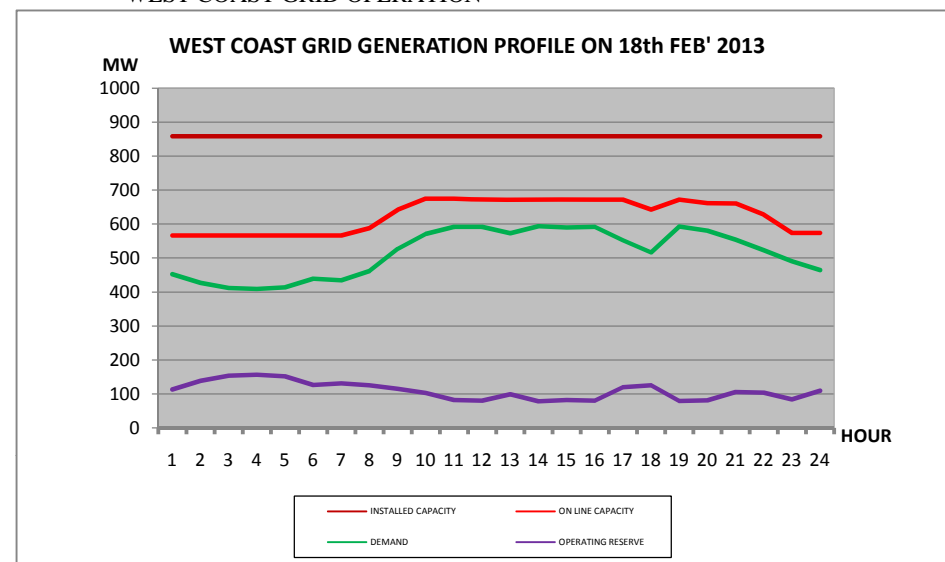
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		94	77	77	77	77	77	77	167.5	203.5	193.5	212.5	212.5	212.5	212.5	212.5	195.5	197.5	198.5	198.5	210.5	210.5	173	137	
DEMAND		192.07	184.14	178.3	176.1	177.5	186.8	183.02	213.52	230.32	246	249.42	247.59	240.66	256.2	249.72	162.15	146.05	232.42	264.36	257.06	256.81	249.14	228.27	208.44
OPERATING RESERVE		-98.07	-107.14	-101.3	-99.1	-100.5	-109.8	-106.02	-46.02	-26.82	-52.5	-36.92	-35.09	-28.16	-43.7	-37.22	50.35	49.45	-34.92	-65.86	-58.56	-46.31	-38.64	-55.27	-71.44
East Cost		10734.4	9519.57	9436.53	8909.8	8616.2	8518.35	8211.26	17961	23083	22769.9	24208.4	23730.8	24012.9	25768.6	25792.5	24472.5	22739.3	22562.9	23059.1	23147.6	23809.6	23169.7	21310.6	16368.4

EAST COAST GRID OPERATION



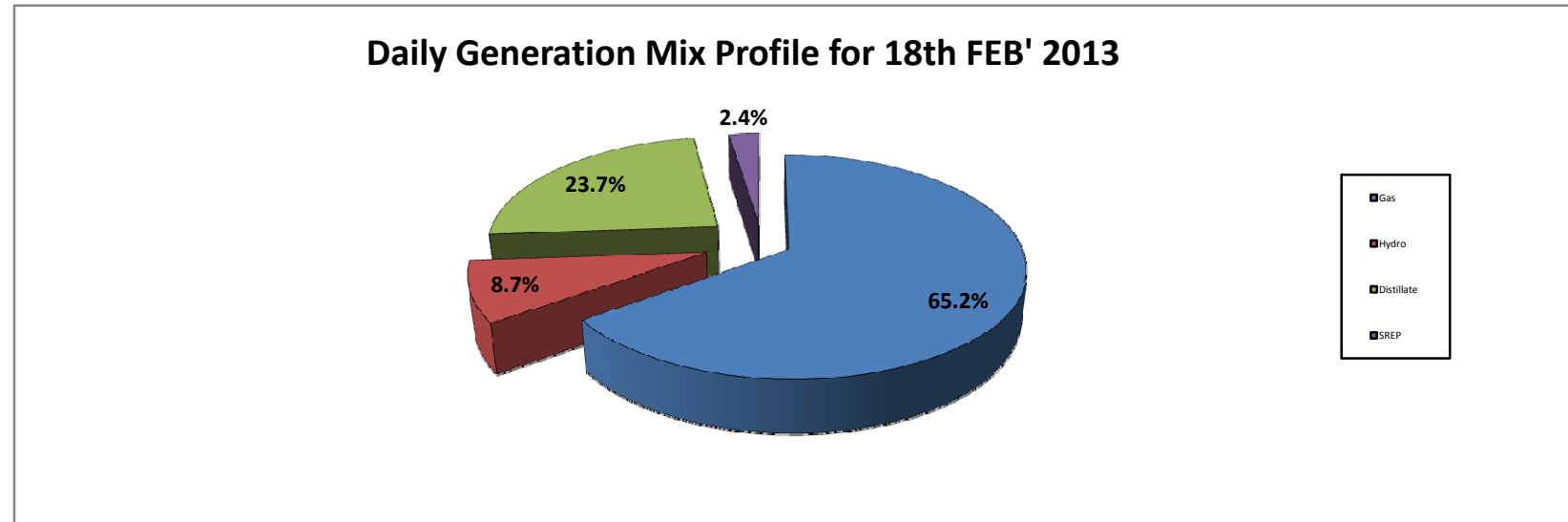
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		566	566	566	566	566	566	566	587.5	641.7	674.7	674.7	672.2	672.2	672.2	672.2	672.2	672.2	642.2	672.2	661.2	660.6	627	574	574
DEMAND		452.8	427.4	412	409.2	413.6	439.3	434.4	462.1	526.8	571.4	592.3	592.1	572.7	593.8	589.6	592	552.5	516.9	592.7	580.3	554.5	522.9	490	464.3
OPERATING RESERVE		113.2	138.6	154	156.8	152.4	126.7	131.6	125.4	114.9	103.3	82.4	80.1	99.5	78.4	82.6	80.2	119.7	125.3	79.5	80.9	106.1	104.1	84	109.7
West Cost		32556.1	32106	31361.7	31158.1	31505.3	32885.8	32530.3	35732.9	43143.2	46629.4	47913.2	47869.9	47554.8	48434.8	47993.1	48293.2	45937.6	42890.6	48652.6	47392.4	44969	41260	38961	37099.3

WEST COAST GRID OPERATION



Generation Mix Profile for 18th February 2013

Gas	9,996 MWh
Hydro	1,329 MWh
Distillate	3,629 MWh
SREP	375 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,863.45 MWh	2,458.60 MWh	1,245.00 MWh	- MWh
IPP	1,765.80 MWh	7,537.70 MWh	84.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	374.60 MWh
TOTAL	3,629.25 MWh	9,996.30 MWh	1,329.00 MWh	374.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	16%	8%	0%
IPP	12%	49%	1%	0%
SREP	0%	0%	0%	2%
TOTAL	100%	100%	100%	100%
TOTALLY	15,329.15			

DIST (IPP)	12%
DIST (SESB)	12%
SREP	2%
GAS (SESB)	16%
GAS (IPP)	49%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

