

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (15th MARCH' 2013)	840 MW	827 MW	-1.51%
Maximum Energy (15th MARCH' 2013)	17.3 MW	15.8 GWh	-8.67%
Maximum Demand (record high 13th MARCH' 2013)	835 MW	840 MW	0.54%

Prepared by:

Electricity Market Operations

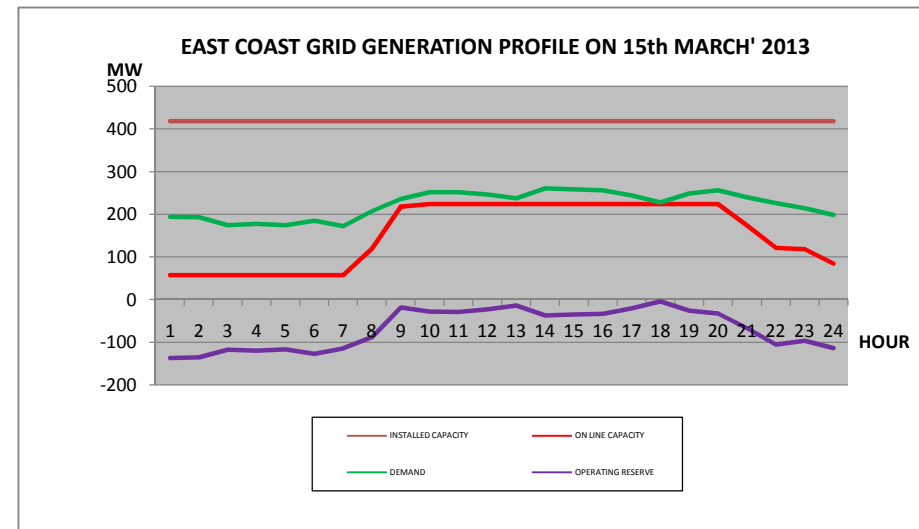
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

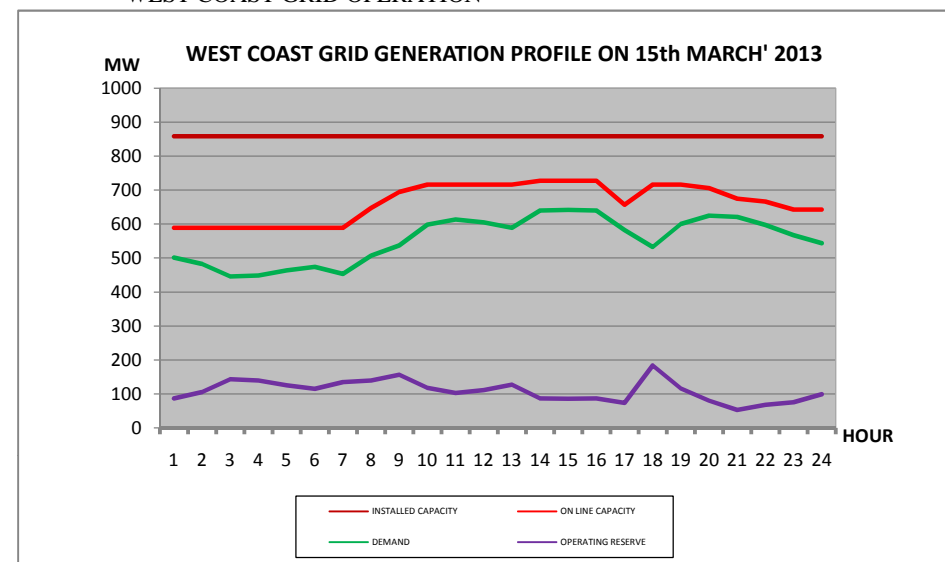
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		57	57	57	57	57	57	57	119	217.5	223.5	223.5	223.5	223.5	223.5	223.5	223.5	223.5	223.5	223.5	173	121	118	84	
DEMAND		193.89	192.52	174.07	176.732	173.94	184.27	171.59	206.81	235.72	251.79	252.1	246.2	237.32	260.85	258.37	256.64	244.26	227.57	249.07	256.19	239.74	226.01	214.23	197.89
OPERATING RESERVE		-136.89	-135.52	-117.07	-119.732	-116.94	-127.27	-114.59	-87.81	-18.22	-28.29	-28.6	-22.7	-13.82	-37.35	-34.87	-33.14	-20.76	-4.07	-25.57	-32.69	-66.74	-105.01	-96.23	-113.89
East Cost		8347.95	8633.43	8428.17	10961.9	10845.4	10544	10534.7	16739.5	27726.8	26892.3	28051.5	27481.6	28022	28070.2	28464.3	28140.9	27618.7	26843.4	28199.3	27198.5	21041	15937.9	16113.1	12115.2

EAST COAST GRID OPERATION



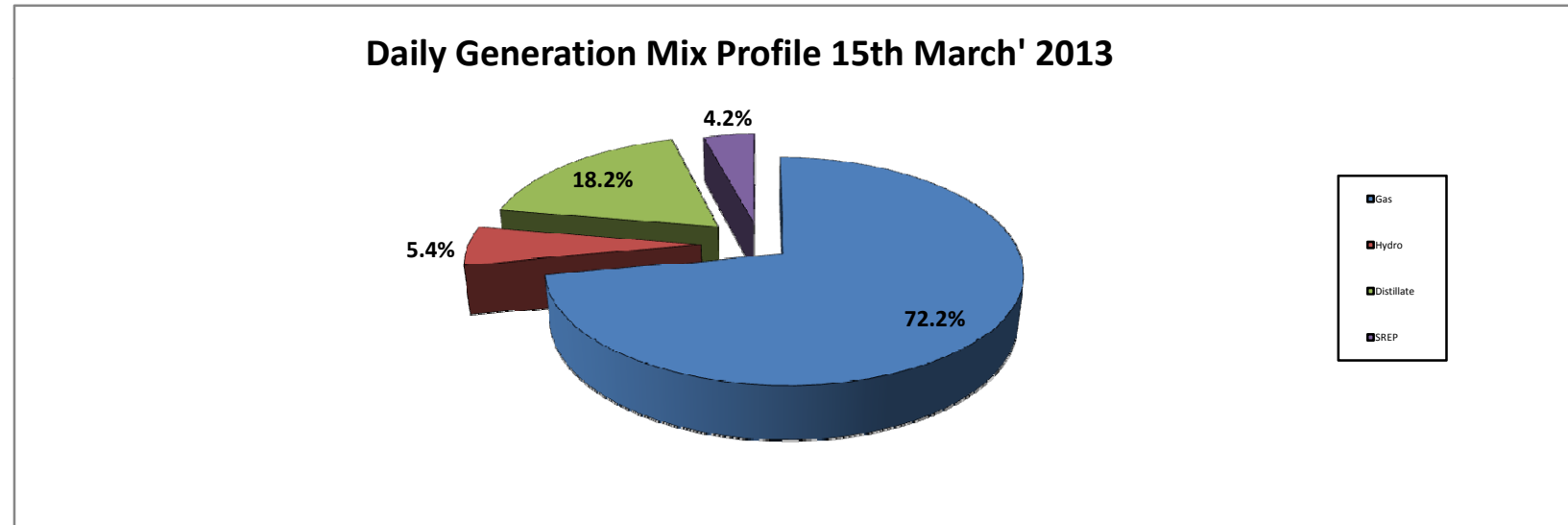
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		589	589	589	589	589	589	589	647.5	695	717	717	717	717	728	728	728	657	717	717	706	675	666.5	643	643
DEMAND		501.9	483	445.9	449.1	463.6	474.1	453.5	507.7	537.9	598.9	613.5	605.1	589.05	640.55	642.25	640.55	583.05	532.95	600.55	625.65	621.9	598	567.4	544
OPERATING RESERVE		87.1	106	143.1	139.9	125.4	114.9	135.5	139.8	157.1	118.1	103.5	111.9	127.95	87.45	85.75	87.45	73.95	184.05	116.45	80.35	53.1	68.5	75.6	99
West Cost		38003.2	37045.1	34673.2	35006.9	36032.4	36336.7	35188.9	39405.6	43447.8	47470.3	48625.7	47980.6	46740.9	50433.1	50566	50390.9	45583.8	45407.2	48804	48630.4	47493.9	45141.1	41290.4	40054.5

WEST COAST GRID OPERATION



Generation Mix Profile for 15th March 2013

Gas	11,627 MWh
Hydro	877 MWh
Distillate	2,931 MWh
SREP	669 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,306.50 MWh	1,879.30 MWh	854.00 MWh	- MWh
IPP	1,624.20 MWh	9,747.80 MWh	23.20 MWh	- MWh
SREP	- MWh	- MWh	MWh	669.20 MWh
TOTAL	2,930.70 MWh	11,627.10 MWh	877.20 MWh	669.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	12%	5%	0%
IPP	10%	61%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,104.20			

DIST (IPP)	10%
DIST (SESB)	8%
SREP	4%
GAS (SESB)	12%
GAS (IPP)	61%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

