

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (16th MAY' 2013)	860 MW	819 MW	-4.79%
Maximum Energy (16th MAY' 2013)	17.4 MW	15.5 GWh	-10.92%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

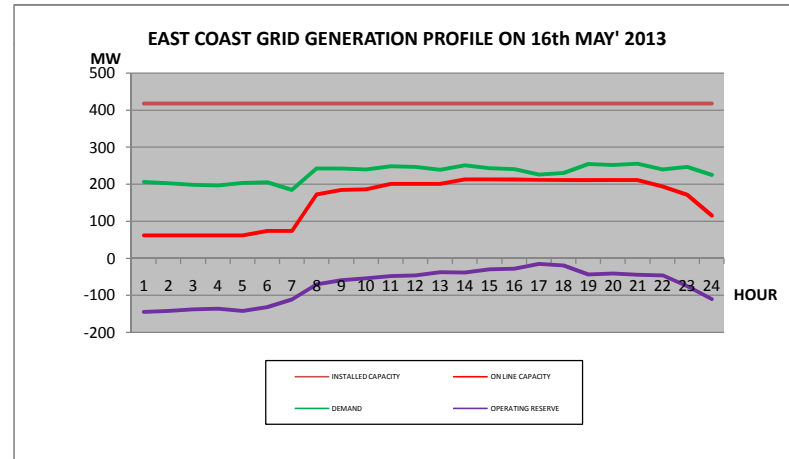
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

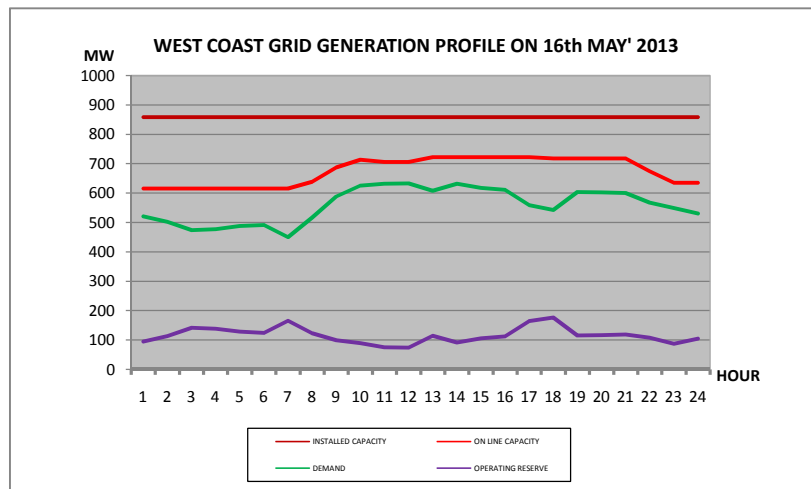
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		62	62	62	62	62	74	74	172.5	184.5	186.5	201.5	201.5	201.5	213.5	213.5	213.5	211.5	211.5	211.5	211.5	211.5	194.5	172	116
DEMAND		206.15	203.42	198.97	197.18	203.8	205.48	184.93	242.68	243.16	240.55	248.81	247.32	238.95	251.8	243.47	241.16	226.39	230.88	254.99	251.93	255.77	240.46	246.79	225.52
OPERATING RESERVE		-144.15	-141.42	-136.97	-135.18	-141.8	-131.48	-110.93	-70.18	-58.66	-54.05	-47.31	-45.82	-37.45	-38.3	-29.97	-27.66	-14.89	-19.38	-43.49	-40.43	-44.27	-45.96	-74.79	-109.52
East Cost		10184.1	10327.7	10011.5	10034	9488.93	10756.4	11254.3	20851.7	26100.4	25814.9	29382.2	28227	29366.4	29661	30104.9	30254.1	29747.9	29019.7	29657.2	28619.7	28152.1	25992.2	20414.3	14277.9

EAST COAST GRID OPERATION



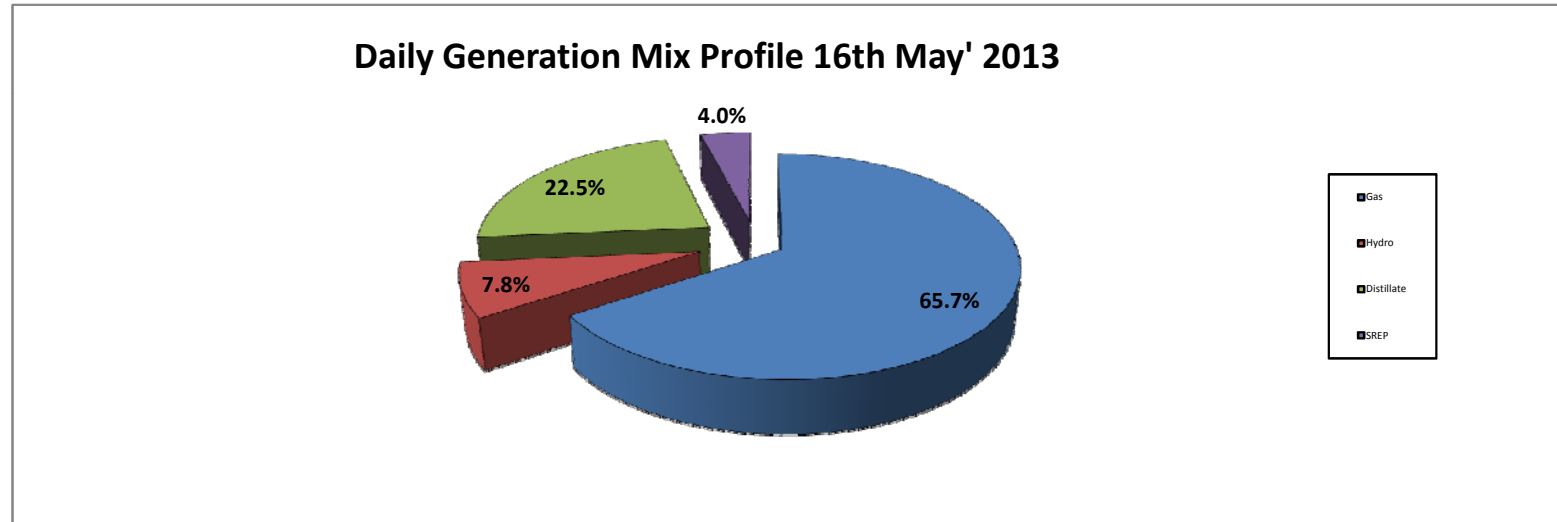
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		615	615	615	615	615	615	615	638.5	687.1	713.7	706.2	706.2	722.2	722.2	722.2	722.2	722.2	718	718	718	718	674	635	635
DEMAND		520.7	502.1	473.2	477	487.2	490.8	449.3	516.2	588.05	624.35	630.95	632.45	607.85	631.05	616.75	610.35	558.35	541.9	602.8	602	599.4	567	548.6	530.4
OPERATING RESERVE		94.3	112.9	141.8	138	127.8	124.2	165.7	122.3	99.05	89.35	75.25	73.75	114.35	91.15	105.45	111.85	163.85	176.1	115.2	116	118.6	107	86.4	104.6
West Cost		37271.6	36149.1	34509.7	35060.9	35746.5	36034.1	32931.3	38555.9	45196.7	48898.9	49197.2	49550.5	48654.7	49844.5	48856.9	48876	45163.5	43345.5	47365.3	47347.6	46975.2	43463	40404.2	39333.8

WEST COAST GRID OPERATION



Generation Mix Profile for 16th May 2013

Gas	10,839 MWh
Hydro	1,288 MWh
Distillate	3,704 MWh
SREP	663 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,755.95 MWh	1,726.60 MWh	1,183.20 MWh	- MWh
IPP	1,948.30 MWh	9,112.80 MWh	104.50 MWh	- MWh
SREP	- MWh	- MWh	MWh	662.60 MWh
TOTAL	3,704.25 MWh	10,839.40 MWh	1,287.70 MWh	662.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	10%	7%	0%
IPP	12%	55%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,493.95			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	55%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

