

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (24th MAY' 2013)	750 MW	723 MW	-3.59%
Maximum Energy (24th MAY' 2013)	15.6 MW	14.1 GWh	-9.62%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

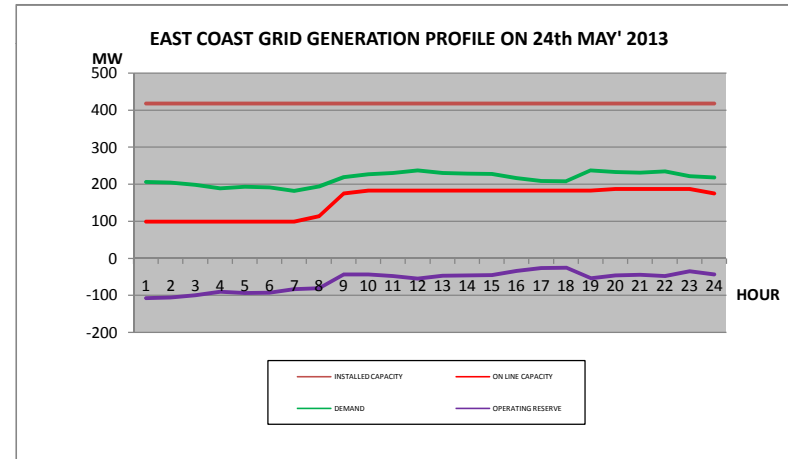
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

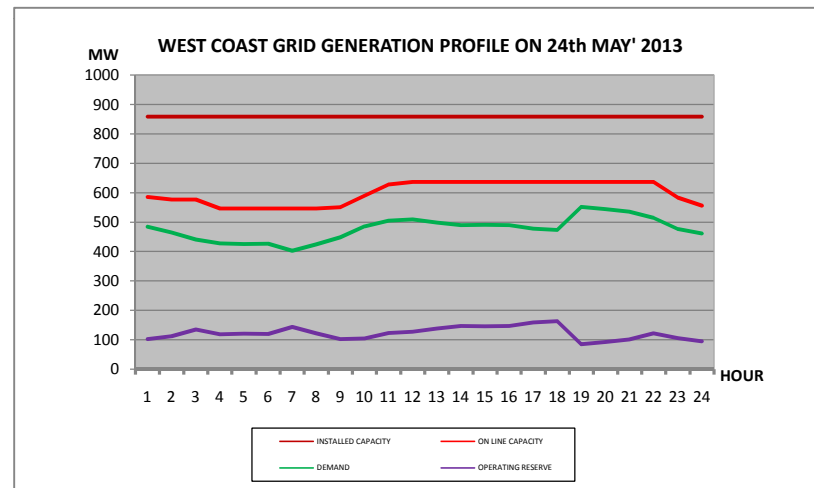
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		99	99	99	99	99	99	99	114	175	183	183	183	183	183	183	183	183	183	183	187	187	187	187	175
DEMAND		206.76	205.01	198.77	189.51	193.05	192.05	182.24	194.59	218.99	226.89	230.54	237.51	230.24	228.94	228.01	216.7	209.2	208.4	237.2	233.1	231.7	234.6	221.6	218.62
OPERATING RESERVE		-107.76	-106.01	-99.77	-90.51	-94.05	-93.05	-83.24	-80.59	-43.99	-43.89	-47.54	-54.51	-47.24	-45.94	-45.01	-33.7	-26.2	-25.4	-54.2	-46.1	-44.7	-47.6	-34.6	-43.62
East Cost		12683.4	12453.6	12369.9	12099.1	12385.9	12345.7	12286.4	13368.3	19836.1	24038.2	24191.9	24997.6	24916.8	25043.7	24812.1	23477.7	23257.2	24391.2	25102.8	25336.4	25015	25400.7	25214	22867.5

EAST COAST GRID OPERATION



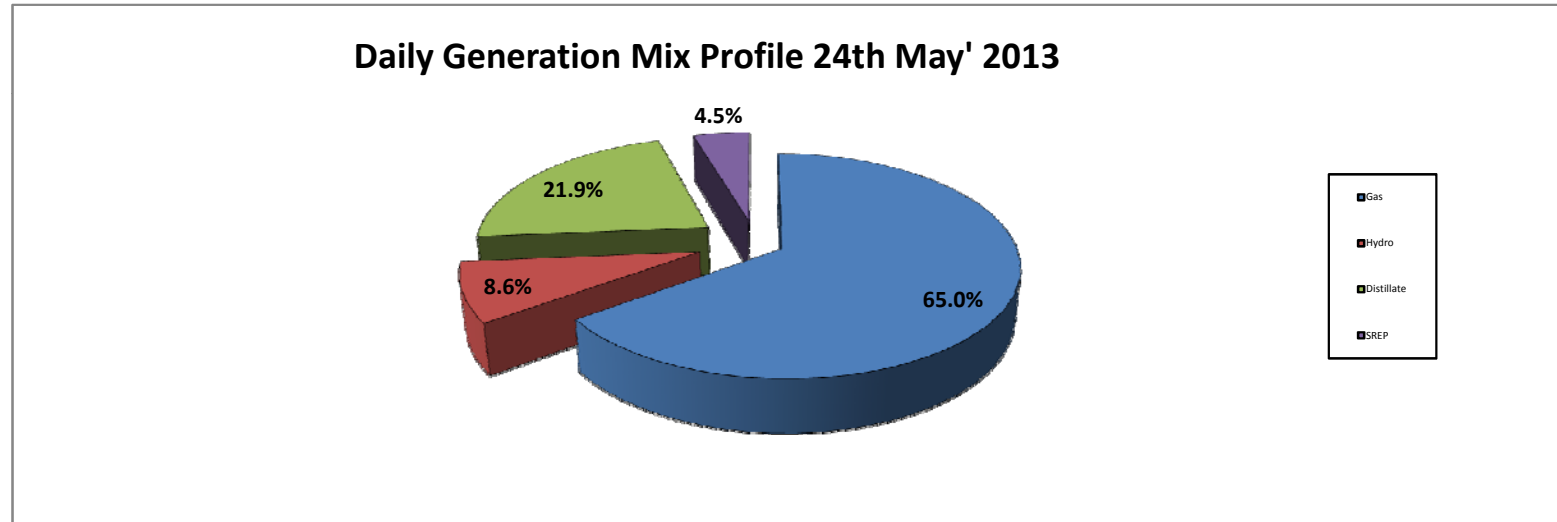
WEST COAST GRID																										
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	
INSTALLED CAPACITY		858.5	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		586	576.5	576.5	546.5	546.5	546.5	546.5	546.5	551	590	628	636.5	636.5	636.5	636.5	636.5	636.5	636.5	636.5	636.5	636.5	636.5	636.5	583	556
DEMAND		484	464.6	441.1	428	426.1	427	402.9	424.5	448.4	485.7	504.8	509.4	497.9	489.7	490.4	489.6	477.5	473.3	551.5	544.1	535.3	514.8	476.9	461.1	
OPERATING RESERVE		102	111.9	135.4	118.5	120.4	119.5	143.6	122	102.6	104.3	123.2	127.1	138.6	146.8	146.1	146.9	159	163.2	85	92.4	101.2	121.7	106.1	94.9	
West Cost		34283.8	32567.5	31672.8	30223.5	30103.1	30186.9	28379.3	29661.2	31527	35474.5	37742.1	38381.6	37922.8	37489.3	37501.1	37386	36974.9	37111.5	41910.6	41244.9	40833.8	39050.2	34645.8	31963.3	

WEST COAST GRID OPERATION



Generation Mix Profile for 24th May 2013

Gas	9,360 MWh
Hydro	1,238 MWh
Distillate	3,147 MWh
SREP	652 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SES	1,291.80 MWh	1,035.10 MWh	1,123.20 MWh	- MWh
IPP	1,855.50 MWh	8,325.20 MWh	114.60 MWh	- MWh
SREP	- MWh	- MWh	MWh	651.70 MWh
TOTAL	3,147.30 MWh	9,360.30 MWh	1,237.80 MWh	651.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SES	9%	7%	8%	0%
IPP	13%	58%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	14,397.10			

DIST (IPP)	13%
DIST (SES)	9%
SREP	5%
GAS (SES)	7%
GAS (IPP)	58%
HYDRO (SES)	8%
HYDRO (IPP)	1%
total	100%

