

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (1st JUNE' 2013)	710 MW	690 MW	-2.83%
Maximum Energy (1st JUNE' 2013)	15.8 MW	12.9 GWh	-18.35%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

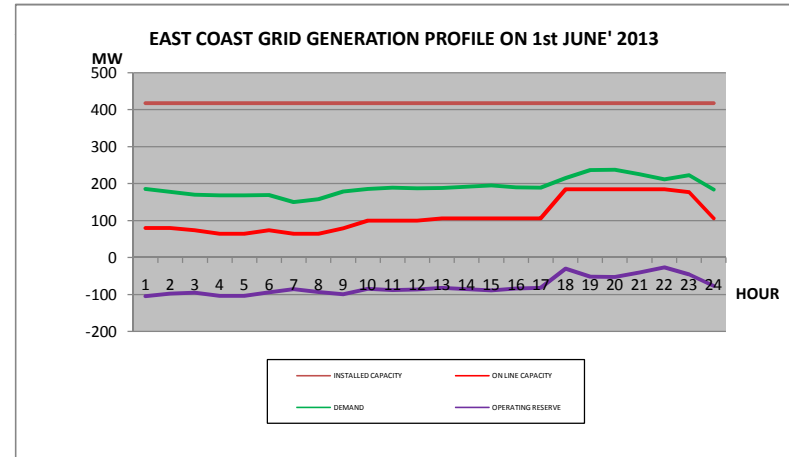
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

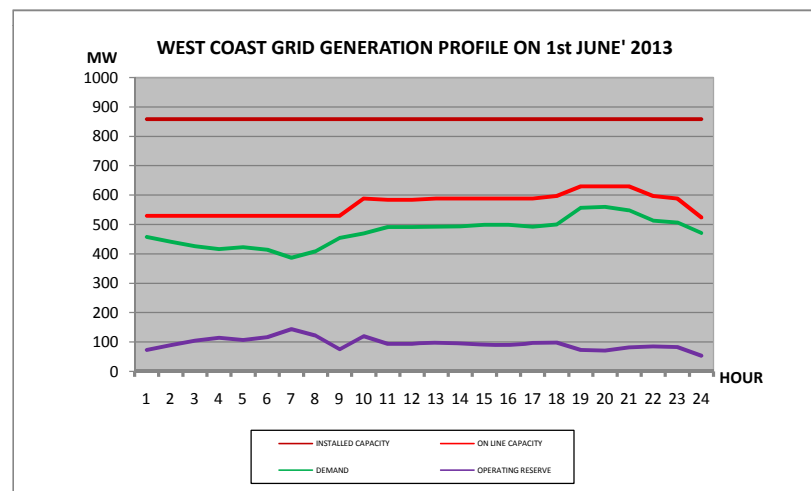
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		80	80	74	64	64	74	64	64	79	100	100	100	106	106	106	106	106	185	185	185	185	185	177	106
DEMAND		184.83	177.82	169.52	167.96	168.12	168.41	149.73	157.57	178.47	185.15	188.31	186.83	188.05	191.66	194.76	189.83	188.41	214.53	236.29	237.1	224.99	211.2	222.59	183.05
OPERATING RESERVE		-104.83	-97.82	-95.52	-103.96	-104.12	-94.41	-85.73	-93.57	-99.47	-85.15	-88.31	-86.83	-82.05	-85.66	-88.76	-83.83	-82.41	-29.53	-51.29	-52.1	-39.99	-26.2	-45.59	-77.05
East Cost		10661.9	10548.1	10315.9	8416.41	8135.72	10018.4	8246.52	8617	8895.57	11611.4	11331.7	11079.9	11035.8	11900.9	11689.2	11206.7	12117.9	19383.2	20527.7	19817.6	21375.2	19194.5	18043.6	12951.7

EAST COAST GRID OPERATION



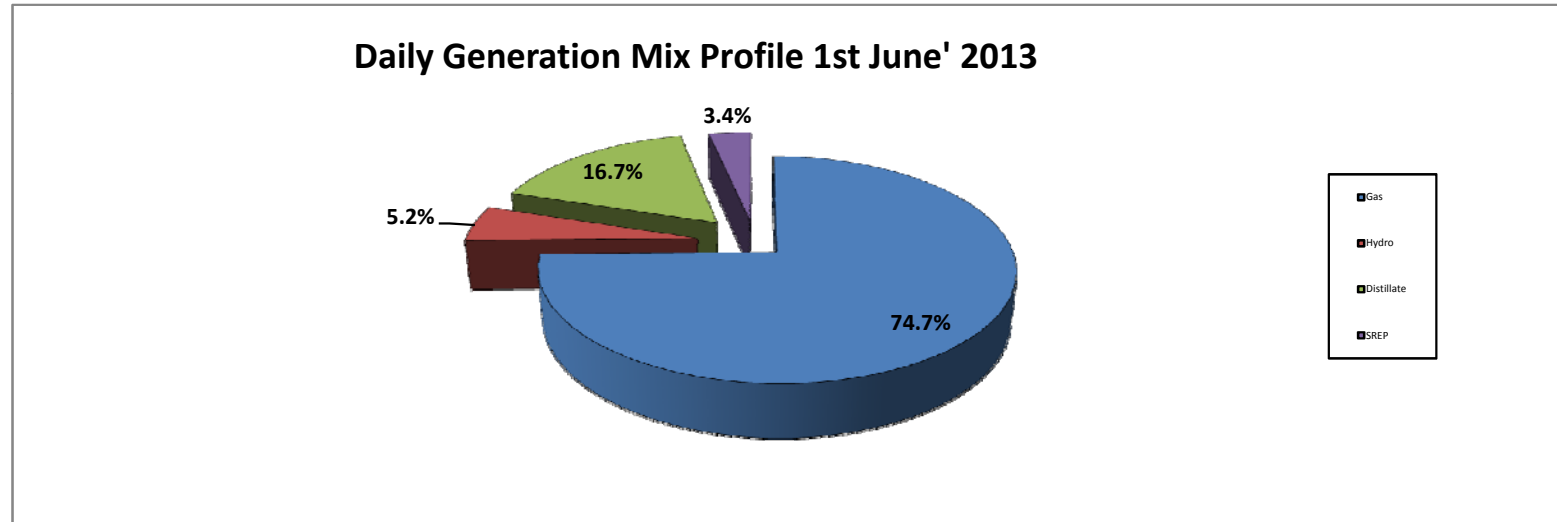
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		529.5	529.5	529.5	529.5	529.5	529.5	529.5	529.5	529.5	588.5	584	584	588.5	588.5	588.5	588.5	588.5	596.5	629.5	629.5	629.5	596.5	588.5	523.5
DEMAND		456.5	440.7	424.9	415.9	422.6	413.2	386.1	408	454.2	468.7	490.3	491.1	492.1	492.5	498.7	498.5	491.4	499	556.5	559.4	547.8	512.1	506	470.5
OPERATING RESERVE		73	88.8	104.6	113.6	106.9	116.3	143.4	121.5	75.3	119.8	93.7	92.9	96.4	96	89.8	90	97.1	97.5	73	70.1	81.7	84.4	82.5	53
West Cost		35860.4	34654	33741.2	33023.6	33403.2	32972.1	31114.8	32588.3	35639.5	37527.1	39505.8	39568.4	39474.8	39551.4	39604.1	39468.9	39239.2	40671.2	45578.3	45698.6	45087.4	41443.9	40343.4	36880.4

WEST COAST GRID OPERATION



Generation Mix Profile for 1st June 2013

Gas	9,998 MWh
Hydro	696 MWh
Distillate	2,239 MWh
SREP	453 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	894.30 MWh	1,656.90 MWh	628.20 MWh	- MWh
IPP	1,344.40 MWh	8,341.30 MWh	68.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	452.70 MWh
TOTAL	2,238.70 MWh	9,998.20 MWh	696.20 MWh	452.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	12%	5%	0%
IPP	10%	62%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	13,385.80			

DIST (IPP)	10%
DIST (SESB)	7%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	62%
HYDRO (SESB)	5%
HYDRO (IPP)	1%
total	100%

