

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (5th JUNE' 2013)	850 MW	805 MW	-5.27%
Maximum Energy (5th JUNE' 2013)	16.6 MW	15.8 GWh	-4.82%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

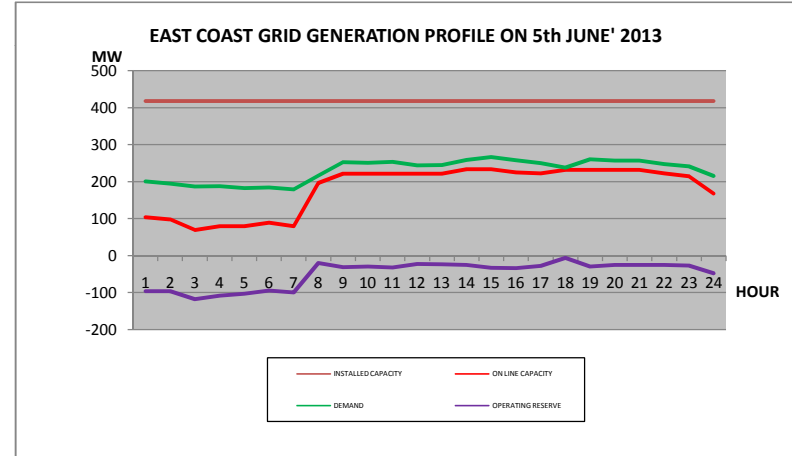
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

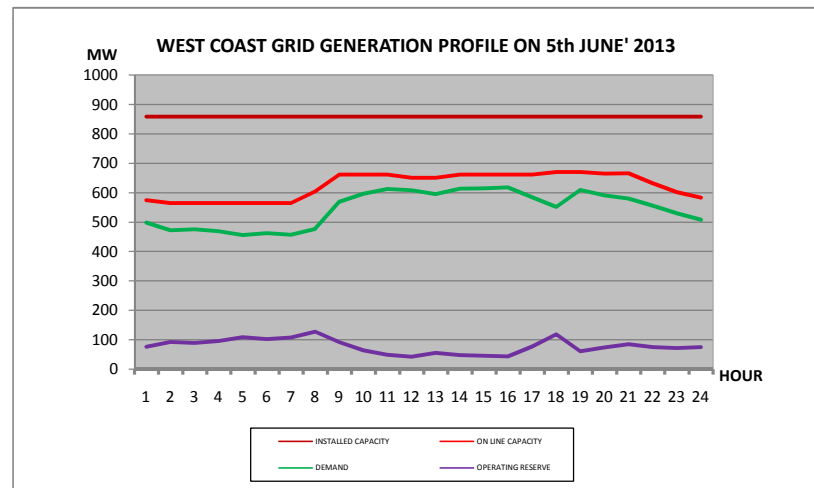
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		104	98	69	79	79	89	79	196.5	221.5	221.5	221.5	221.5	221.5	233.5	233.5	224.5	222.5	231.5	231.5	231.5	231.5	222.5	214.5	168
DEMAND		200.31	194	186.65	187.05	181.75	183.47	178.55	216.14	252.66	250.55	253.57	244.14	245.04	258.83	266.58	258.01	250.1	237.5	260.59	256.94	256.9	247.79	241.4	215.39
OPERATING RESERVE		-96.31	-96	-117.65	-108.05	-102.75	-94.47	-99.55	-19.64	-31.16	-29.05	-32.07	-22.64	-23.54	-25.33	-33.08	-33.51	-27.6	-6	-29.09	-25.44	-25.4	-25.29	-26.9	-47.39
East Cost		10693.7	10284.4	7334.64	8315.03	9018.5	9574.76	9403.47	22896.7	27991.4	28539.5	29386.3	27806.1	29317.8	31343.8	30848.4	29563.5	27179.2	26483.5	28433.3	28555	28530.4	27358.9	25629.7	18123.5

EAST COAST GRID OPERATION



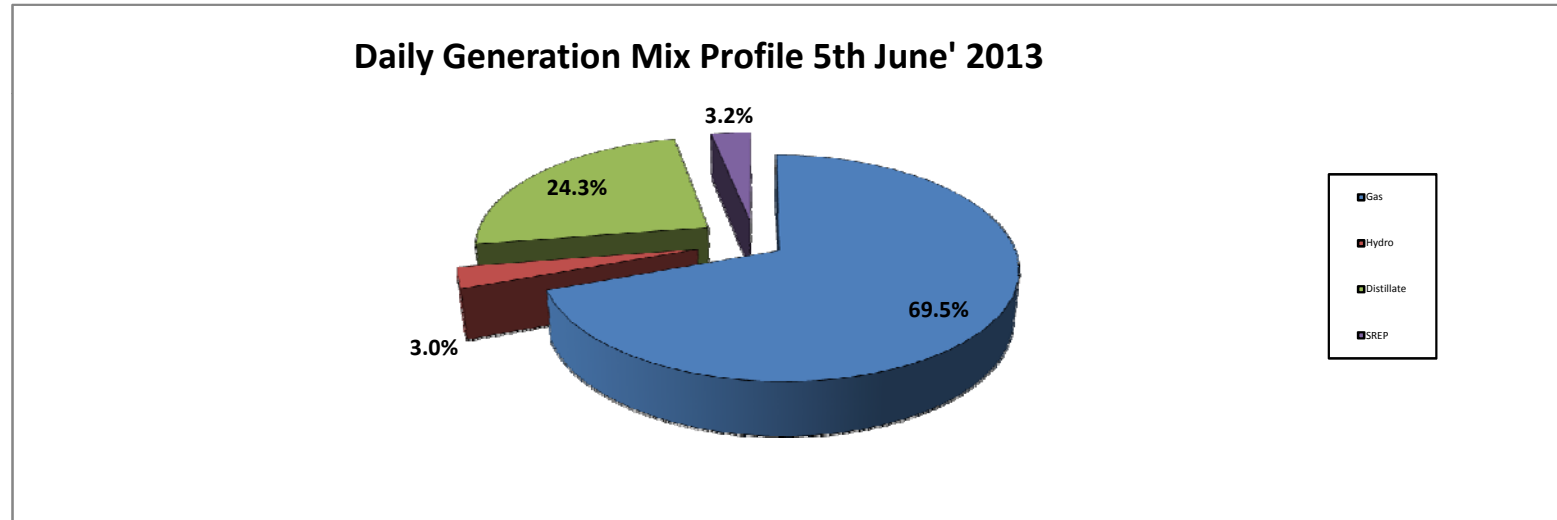
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		574	564.5	564.5	564.5	564.5	564.5	564.5	604	660.6	661.2	661.2	650.2	650.2	661.2	661.2	661.2	661.2	669.7	669.7	664.1	665.5	631.5	601.5	582.5
DEMAND		498.1	471.8	475	469	455.4	462.2	456.7	476.5	569	596.85	612.75	608.25	595.35	613.75	615.45	618.25	584.05	551.25	609.35	590.7	580.3	556.1	529.6	507.4
OPERATING RESERVE		75.9	92.7	89.5	95.5	109.1	102.3	107.8	127.5	91.6	64.35	48.45	41.95	54.85	47.45	45.75	42.95	77.15	118.45	60.35	73.4	85.2	75.4	71.9	75.1
West Cost		38244.1	35833.7	36506	36023.4	34913.5	35470.7	34852.4	38967.4	47150.8	49221.7	50662.5	49947.5	48891.6	50559.2	50770.3	51076.8	48351.7	46801.7	50556.3	48909.2	47945.9	45250.5	41867.3	39035.2

WEST COAST GRID OPERATION



Generation Mix Profile for 5th June 2013

Gas	11,409 MWh
Hydro	495 MWh
Distillate	3,994 MWh
SREP	525 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	2,185.50 MWh	1,724.40 MWh	403.20 MWh	- MWh
IPP	1,808.40 MWh	9,684.40 MWh	92.20 MWh	- MWh
SREP	- MWh	- MWh	MWh	524.90 MWh
TOTAL	3,993.90 MWh	11,408.80 MWh	495.40 MWh	524.90 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	10%	2%	0%
IPP	11%	59%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	16,423.00			

DIST (IPP)	11%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	10%
GAS (IPP)	59%
HYDRO (SESB)	2%
HYDRO (IPP)	1%
total	100%

