

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (4th JUNE' 2013)	850 MW	784 MW	-7.82%
Maximum Energy (4th JUNE' 2013)	16.6 MW	15.3 GWh	-7.83%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

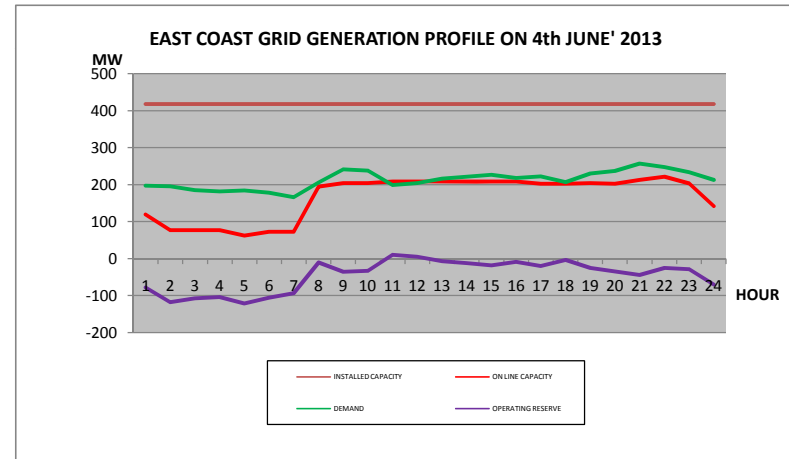
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

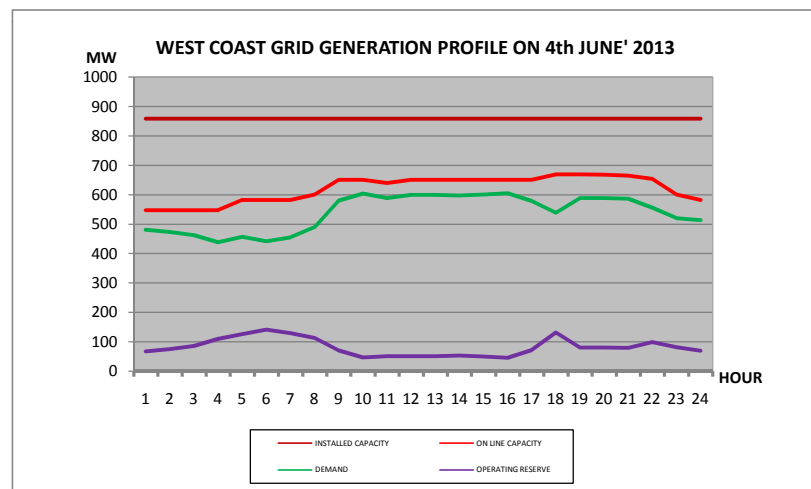
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		119	77	77	77	62	72	72	194.5	204.5	204.5	208.5	208.5	208.5	208.5	208.5	208.5	202.5	202.5	204.5	202.5	212.5	221.5	203.5	142
DEMAND		196.99	194.94	184.44	181.22	183.49	177.49	165.69	205.11	240.67	237.6	198.43	203.8	216.14	221.24	226.72	217.52	222.34	206.45	229.94	237.06	256.59	247.09	232.79	212.37
OPERATING RESERVE		-77.99	-117.94	-107.44	-104.22	-121.49	-105.49	-93.69	-10.61	-36.17	-33.1	10.07	4.7	-7.64	-12.74	-18.22	-9.02	-19.84	-3.95	-25.44	-34.56	-44.09	-25.59	-29.29	-70.37
East Cost		11296.5	7991.24	7715.94	8004.58	6374.06	7618.85	6861.07	19267.5	24279.1	25400.3	25203.5	23609.4	24119.6	24845.6	25673.5	24454	22273.8	21061	22816.8	22012.4	24231.7	24382	21689.2	15002.4

EAST COAST GRID OPERATION



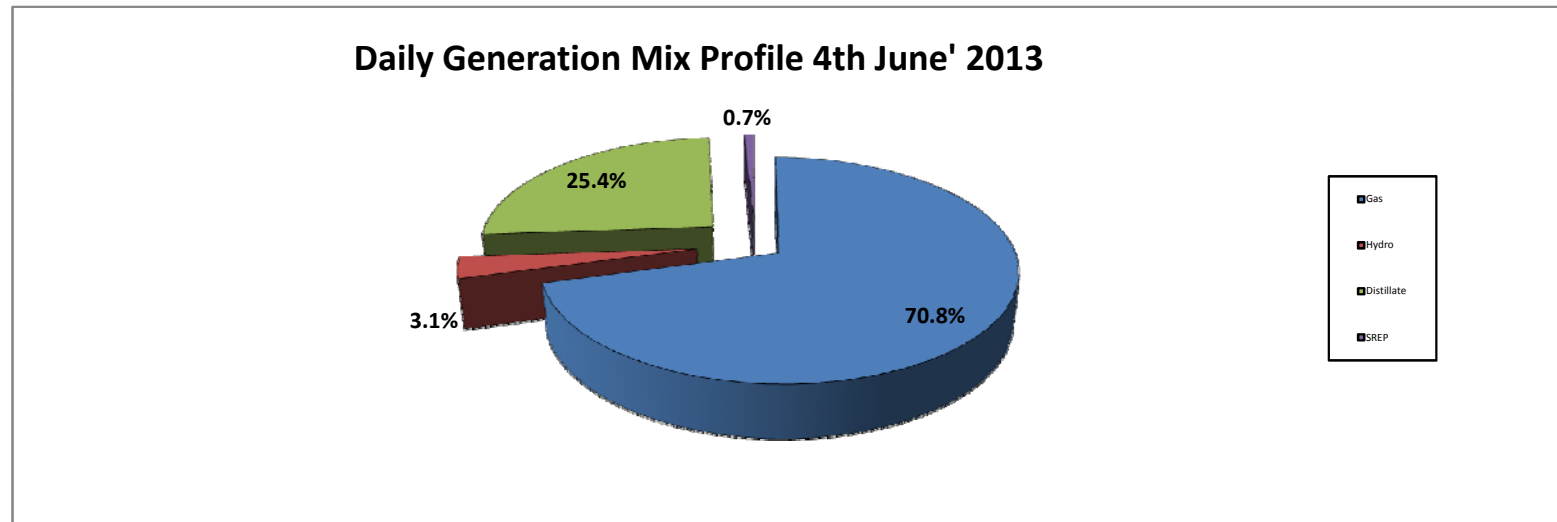
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		547.5	547.5	547.5	547.5	582.5	582.5	582.5	601.5	650.7	650.7	639.7	650.7	650.7	650.7	650.7	650.7	650.7	669.7	669.7	669.1	665.5	654.5	601.5	582.5
DEMAND		480.8	472.5	462	438.1	456.9	441.6	454	488.9	579.95	604.05	589.25	599.85	599.95	597.35	601.05	605.15	578.65	538.95	589.15	589.1	586.5	555.8	520	513.3
OPERATING RESERVE		66.7	75	85.5	109.4	125.6	140.9	128.5	112.6	70.75	46.65	50.45	50.85	50.75	53.35	49.65	45.55	72.05	130.75	80.55	80	79	98.7	81.5	69.2
West Cost		37986.5	37608.8	37045.4	35750.3	36068.5	35185.7	35633.1	39620.5	46773	49094.1	47676.3	48721.8	48710.7	48542.6	48826.1	49228.2	46997.2	46083.6	49321.9	49230	48543.9	46018.3	41510	39848.7

WEST COAST GRID OPERATION



Generation Mix Profile for 4th June 2013

Gas	11,238 MWh
Hydro	493 MWh
Distillate	4,029 MWh
SREP	118 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,938.15 MWh	1,722.80 MWh	403.20 MWh	- MWh
IPP	2,090.90 MWh	9,515.50 MWh	89.90 MWh	- MWh
SREP	- MWh	- MWh	MWh	118.00 MWh
TOTAL	4,029.05 MWh	11,238.30 MWh	493.10 MWh	118.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	3%	0%
IPP	13%	60%	1%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%

TOTALLY 15,878.45

DIST (IPP)	13%
DIST (SESB)	12%
SREP	1%
GAS (SESB)	11%
GAS (IPP)	60%
HYDRO (SESB)	3%
HYDRO (IPP)	1%
total	100%

