

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (3rd JUNE' 2013)	850 MW	771 MW	-9.29%
Maximum Energy (3rd JUNE' 2013)	17.2 MW	15.1 GWh	-12.21%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

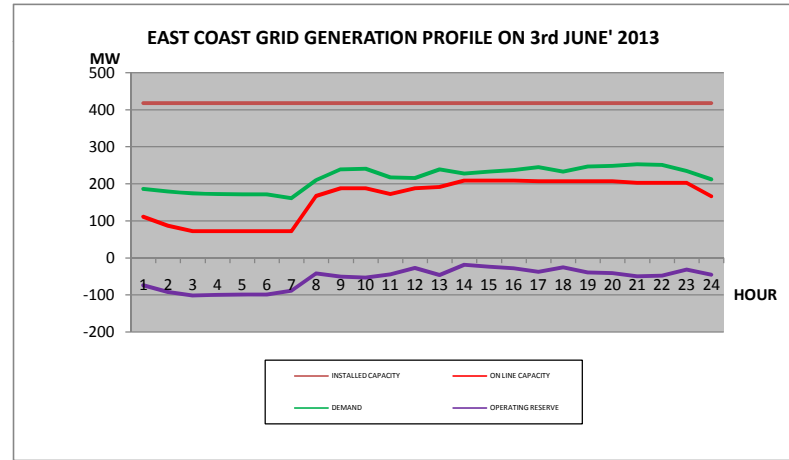
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

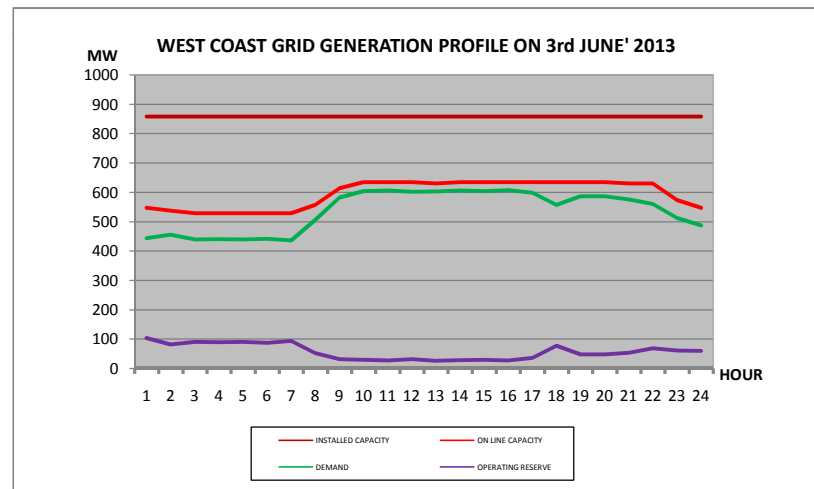
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		111	87	72	72	72	72	72	167	187.5	187.5	172.5	187.5	191.5	208.5	208.5	208.5	206.5	206.5	206.5	206.5	202.5	202.5	202.5	166
DEMAND		185.35	178.69	173.59	172.07	171.43	171	160.66	208.75	238.46	240.4	216.92	215.1	238.33	227.34	232.35	236.53	244.01	231.87	246.05	247.58	252.12	250.73	234.4	211.43
OPERATING RESERVE		-74.35	-91.69	-101.59	-100.07	-99.43	-99	-88.66	-41.75	-50.96	-52.9	-44.42	-27.6	-46.83	-18.84	-23.85	-28.03	-37.51	-25.37	-39.55	-41.08	-49.62	-48.23	-31.9	-45.43
East Cost		11367.6	9448.86	8221.89	7971.18	8064.59	8177.84	8270.79	16237.9	22081.5	23998.1	20128.8	19985.6	23458.1	23023.2	22454.1	23518.8	22388.1	20865.2	24491.2	23921.4	23480.4	22717.6	22792	17563.7

EAST COAST GRID OPERATION



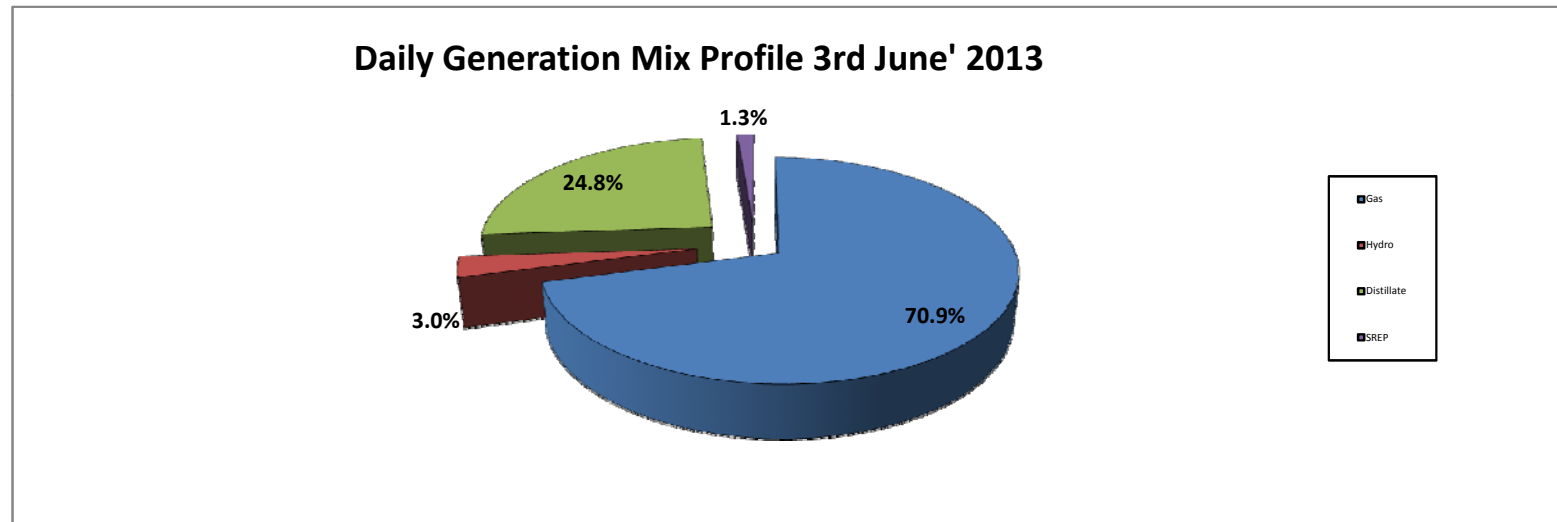
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		547.5	538	529.5	529.5	529.5	529.5	529.5	558	614.6	634.7	634.7	634.7	630.2	634.7	634.7	634.7	634.7	634.7	634.7	634.7	630.5	630.5	574.5	547.5
DEMAND		443.9	456	439.4	439.9	438.8	441.8	436	506.1	583.4	605.05	607.45	603.05	604.25	606.55	605.25	608.15	598.95	557.85	587.15	587.25	576.8	561.5	513.2	487.8
OPERATING RESERVE		103.6	82	90.1	89.6	90.7	87.7	93.5	51.9	31.2	29.65	27.25	31.65	25.95	28.15	29.45	26.55	35.75	76.85	47.55	47.45	53.7	69	61.3	59.7
West Cost		35995.9	36448.2	34699.7	34923.3	34833.7	35090	34732.4	41096	48467.1	51083.3	51361	51072.1	51396.8	51455.8	51276.5	51449	50525.7	47495.9	49724.9	49755.1	48497	47026.2	42318.7	38508.5

WEST COAST GRID OPERATION



Generation Mix Profile for 3rd June 2013

Gas	11,149 MWh
Hydro	468 MWh
Distillate	3,899 MWh
SREP	203 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,921.15 MWh	1,717.50 MWh	403.20 MWh	- MWh
IPP	1,977.60 MWh	9,431.30 MWh	64.50 MWh	- MWh
SREP	- MWh	- MWh	MWh	203.00 MWh
TOTAL	3,898.75 MWh	11,148.80 MWh	467.70 MWh	203.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	3%	0%
IPP	13%	60%	0%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%
TOTALLY	15,718.25			

DIST (IPP)	13%
DIST (SESB)	12%
SREP	1%
GAS (SESB)	11%
GAS (IPP)	60%
HYDRO (SESB)	3%
HYDRO (IPP)	0%
total	100%

