

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (2nd JUNE' 2013)	700 MW	706 MW	0.86%
Maximum Energy (2nd JUNE' 2013)	15.8 MW	13.2 GWh	-16.46%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

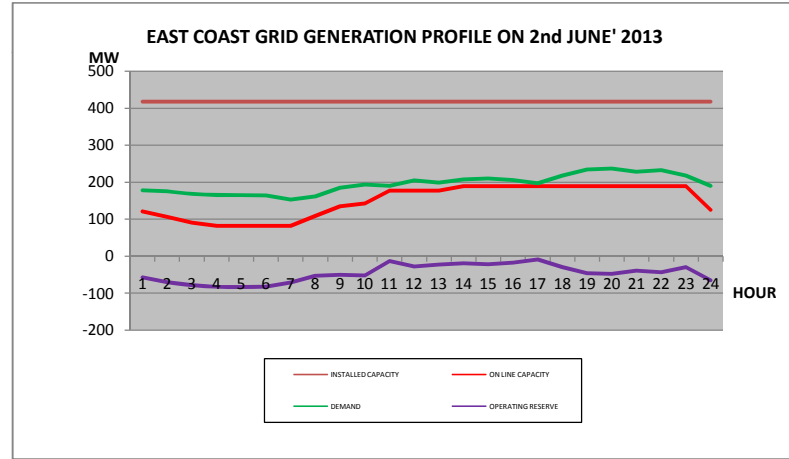
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

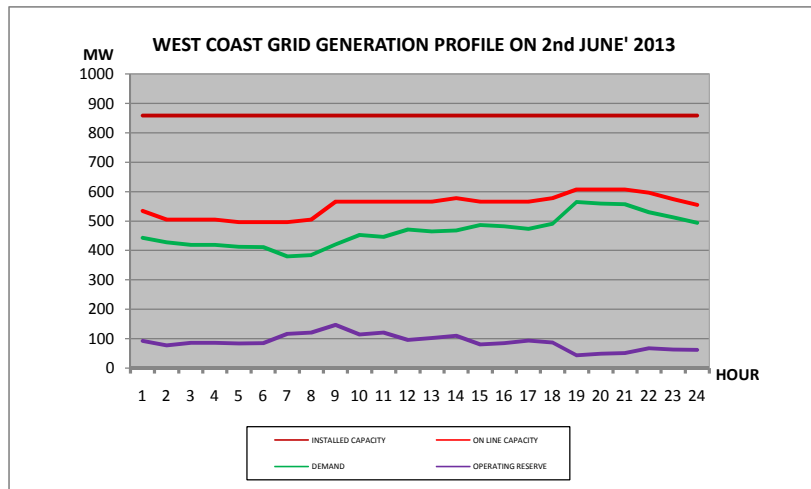
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		121	106	91	82	82	82	82	109	135	142	177	177	177	189	189	189	189	189	189	189	189	189	125	
DEMAND		178.17	175.91	169.22	165.34	165.13	164.75	153.35	162.07	185.5	194.06	189.94	204.84	199.21	207.57	210.37	206.02	197.46	218.13	234.49	236.83	228.23	232.22	218.28	190.08
OPERATING RESERVE		-57.17	-69.91	-78.22	-83.34	-83.13	-82.75	-71.35	-53.07	-50.5	-52.06	-12.94	-27.84	-22.21	-18.57	-21.37	-17.02	-8.46	-29.13	-45.49	-47.83	-39.23	-43.22	-29.28	-65.08
East Cost		13416.5	12621.5	10858.4	9675.41	10130.9	10097.7	10245.8	12785.5	15848.2	16011.3	18082.3	18420.1	18526.4	20113.9	19771.9	19034	19083.5	20543.5	21937.9	22293.9	21123.9	21378.8	19418.6	13253.4

EAST COAST GRID OPERATION



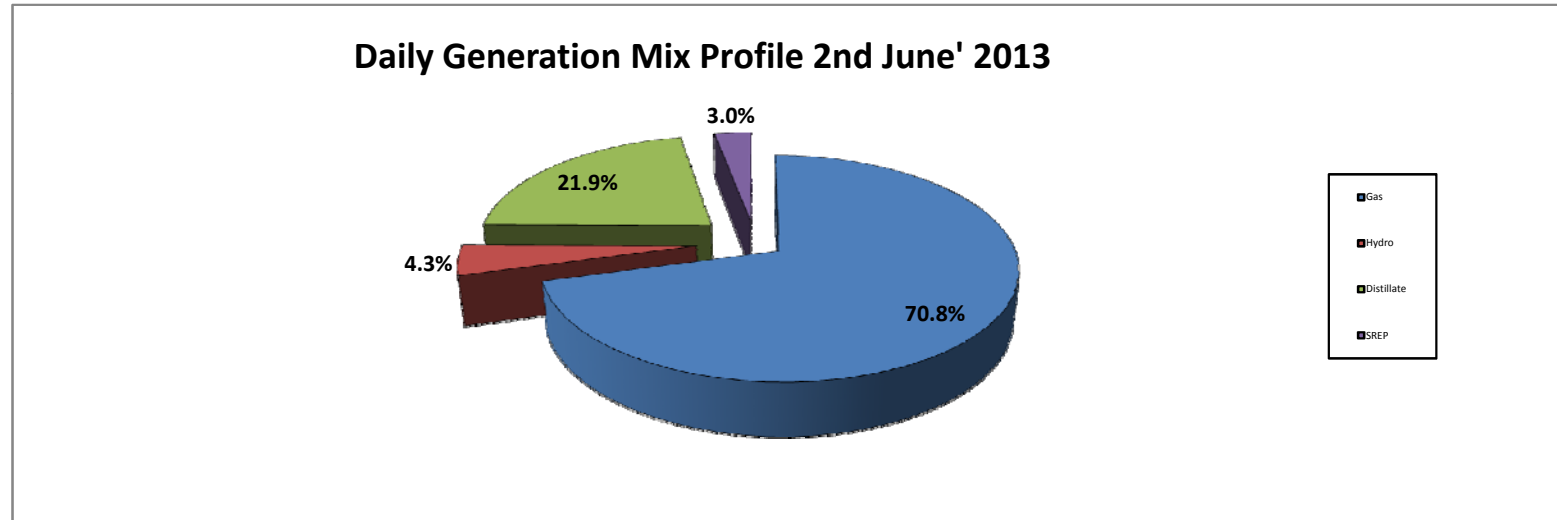
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		534.5	504.5	504.5	504.5	496	496	496	504.5	566.5	566.5	566.5	566.5	566.5	577.5	566.5	566.5	566.5	577.5	607.5	607.5	607.5	596.5	574.5	555.5
DEMAND		442.3	427.4	418.5	418.9	412.3	411.2	379.7	383.7	419.6	452.3	446	471	464	468.1	486.6	482	473	490.4	564.4	558.9	556.8	529.5	511.8	494.1
OPERATING RESERVE		92.2	77.1	86	85.6	83.7	84.8	116.3	120.8	146.9	114.2	120.5	95.5	102.5	109.4	79.9	84.5	93.5	87.1	43.1	48.6	50.7	67	62.7	61.4
West Cost		35302.6	33126.4	32501.9	32483.6	31627.5	31433.3	29517.2	30146.9	35628.9	38116.9	37500.7	39433.8	38959.3	39350.3	39972.1	39852.5	39113.6	40714.4	46959.1	46696.8	46489.8	44622	42656.8	40149

WEST COAST GRID OPERATION



Generation Mix Profile for 2nd June 2013

Gas	9,729 MWh
Hydro	596 MWh
Distillate	3,014 MWh
SREP	407 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SES	1,363.40 MWh	1,704.00 MWh	523.20 MWh	- MWh
IPP	1,650.70 MWh	8,025.40 MWh	72.90 MWh	- MWh
SREP	- MWh	- MWh	MWh	406.80 MWh
TOTAL	3,014.10 MWh	9,729.40 MWh	596.10 MWh	406.80 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SES	10%	12%	4%	0%
IPP	12%	58%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	13,746.40			

DIST (IPP)	12%
DIST (SES)	10%
SREP	3%
GAS (SES)	12%
GAS (IPP)	58%
HYDRO (SES)	4%
HYDRO (IPP)	1%
total	100%

