

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (30th MARCH' 2013)	770 MW	753 MW	-2.22%
Maximum Energy (30th MARCH' 2013)	16.7 MW	15.1 GWh	-9.58%
Maximum Demand (record high 27th MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

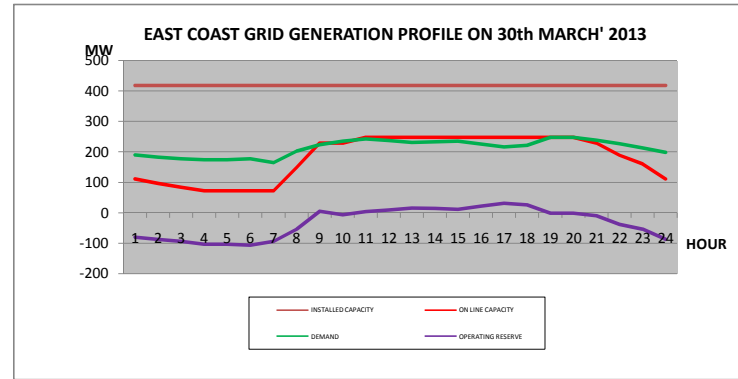
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

17-Apr-13

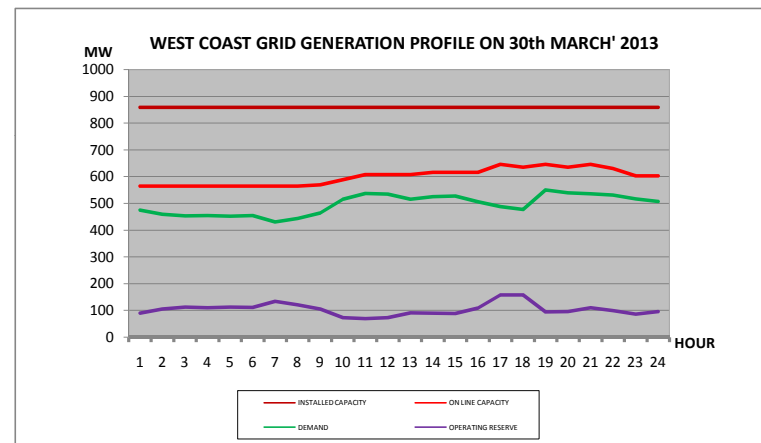
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		111	96	84	72	72	72	72	149	229	229	247.5	247.5	247.5	247.5	247.5	247.5	247.5	247.5	247.5	229	189	160	111	
DEMAND		190.35	183.25	177.86	174.37	174.85	177.98	164.88	202.86	224.3	235.02	243.14	237.66	231.58	233.23	235.86	225.66	216.07	221.63	248.1	248.15	238.32	226.8	213.14	198.59
OPERATING RESERVE		-79.35	-87.25	-93.86	-102.37	-102.85	-105.98	-92.88	-53.86	4.7	-6.02	4.36	9.84	15.92	14.27	11.64	21.84	31.43	25.87	-0.6	-0.65	-9.32	-37.8	-53.14	-87.59
East Cost		15962.2	15300	13824.9	12575	12217.5	12515.1	11835.9	20359.5	28928.6	28824.1	31875.6	31113.5	31146.6	31471.9	30944.9	30336.5	29834.8	31542.4	31782.7	31766	29117.4	23454.8	20797.2	16160.9

EAST COAST GRID OPERATION



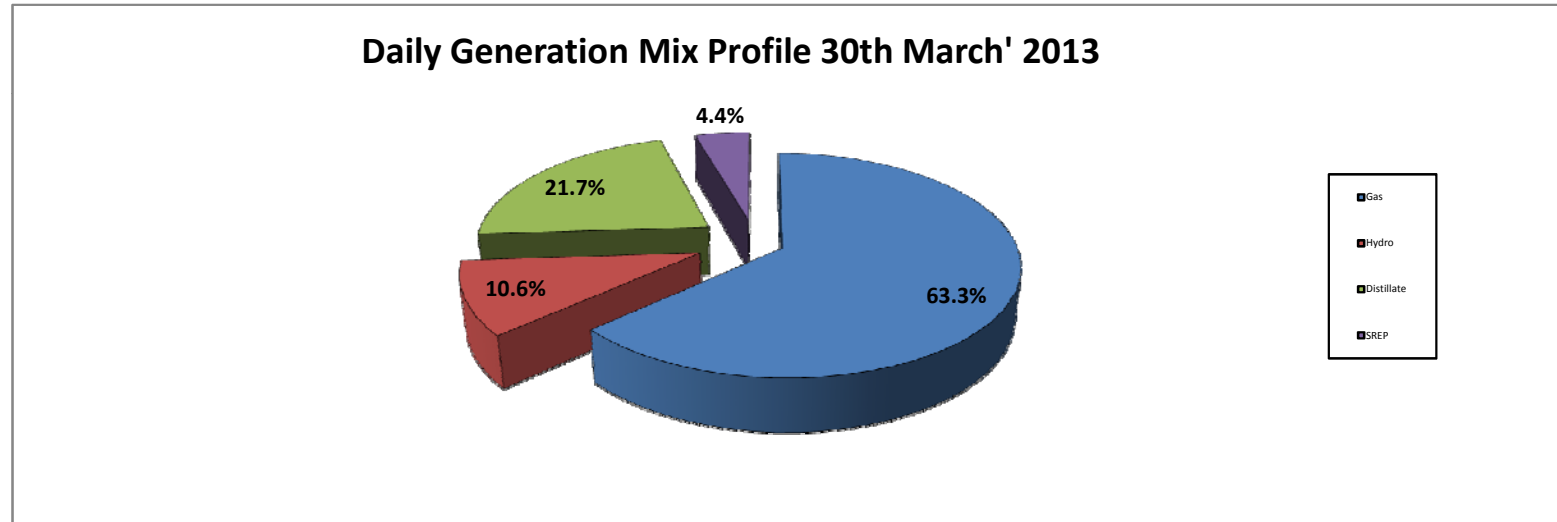
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		565	565	565	565	565	565	565	565	569.5	588.5	607.5	607.5	607.5	616	616	616	646	635	646	635	646	630	603.5	603.5
DEMAND		475.2	459.4	453	454.4	452.2	454.1	430.6	444.3	464.3	515.7	538.1	534.9	516.5	525.9	527.6	506.6	488.1	477.1	551	539.8	536	531.2	517.7	508.2
OPERATING RESERVE		89.8	105.6	112	110.6	112.8	110.9	134.4	120.7	105.2	72.8	69.4	72.6	91	90.1	88.4	109.4	157.9	157.9	95	95.2	110	98.8	85.8	95.3
West Cost		33009.2	32041.4	31705.9	31665	31485.5	31596.6	29892.5	30987.5	32733.9	36758	39165.1	38978.7	38140.7	39004.8	39210.9	38065.4	37585	38779.1	43804.8	42566.3	40799.6	39065.3	37130.9	36367.3

WEST COAST GRID OPERATION



Generation Mix Profile for 30th March 2013

Gas	9,617 MWh
Hydro	1,609 MWh
Distillate	3,291 MWh
SREP	665 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,521.20 MWh	640.40 MWh	1,554.00 MWh	- MWh
IPP	1,769.40 MWh	8,976.30 MWh	54.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	664.80 MWh
TOTAL	3,290.60 MWh	9,616.70 MWh	1,608.60 MWh	664.80 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	4%	10%	0%
IPP	12%	59%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,180.70			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	4%
GAS (IPP)	59%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

