

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (31st MARCH' 2013)	745 MW	755 MW	1.38%
Maximum Energy (31st MARCH' 2013)	15.9 MW	14.4 GWh	-9.43%
Maximum Demand (record high 27th MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

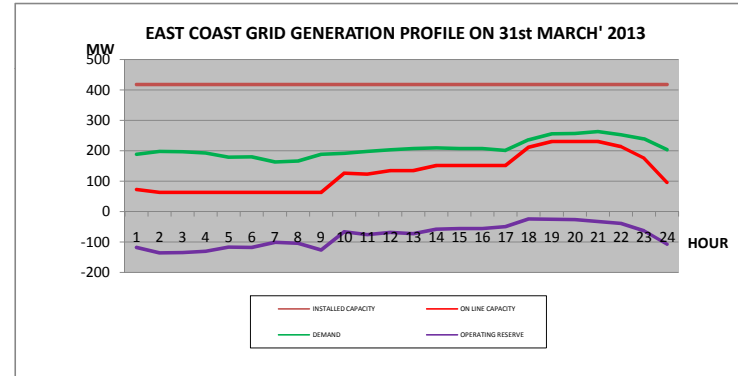
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

17-Apr-13

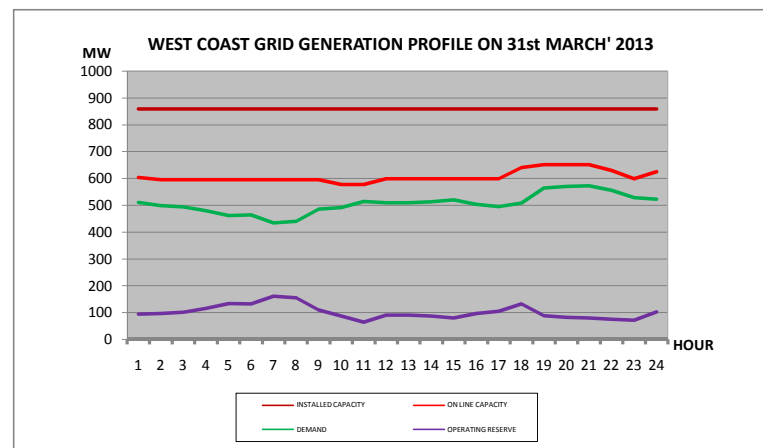
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		72	63	63	63	63	63	63	63	126	123	135	135	152	152	152	212	230.5	230.5	230.5	213.5	176	96		
DEMAND		188.91	198.09	197.01	193.33	179.53	180.09	163.69	166.78	189	192.32	198.48	202.95	207.29	209.94	207.25	207.5	201.5	236.29	255.43	256.62	263.11	252.21	238.73	203.16
OPERATING RESERVE		-116.91	-135.09	-134.01	-130.33	-116.53	-117.09	-100.69	-103.78	-126	-66.32	-75.48	-67.95	-72.29	-57.94	-55.25	-55.5	-49.5	-24.29	-24.93	-26.12	-32.61	-38.71	-62.73	-107.16
East Cost		12719.9	9062.07	8912.04	9025.2	11861.2	11776.7	11495.2	12238.1	11949.3	16417.8	16519	17471.7	18495.6	19700	19130.7	19992.5	20044.9	25009.3	29303.2	29961.5	29625.8	26060.4	23280.5	14317.7

EAST COAST GRID OPERATION



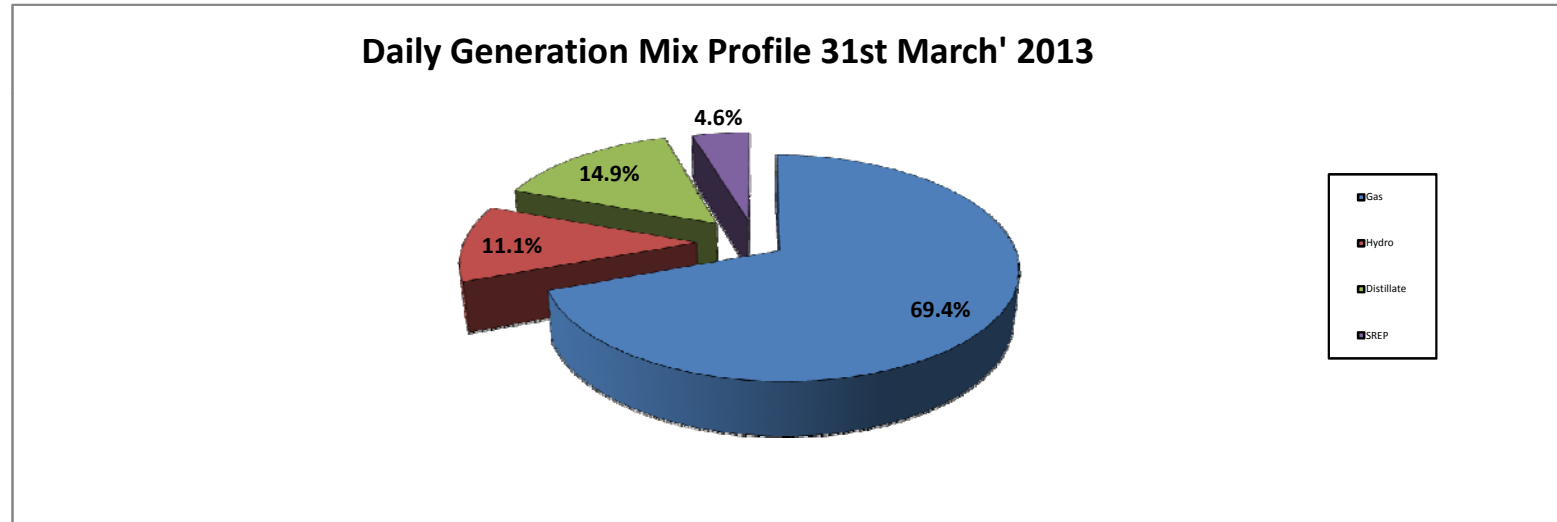
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		603.5	595	595	595	595	595	595	595	595	577.5	577.5	599.5	599.5	599.5	599.5	599.5	599.5	640.5	651.5	651.5	651.5	629.5	599.5	625
DEMAND		510.1	498.5	493.8	479.3	462.1	463.4	434.1	439.9	485.8	491.1	513.6	508.8	509.7	513.2	519.7	503.8	494.4	508.6	564.2	569.8	572.5	555.2	528.6	522.9
OPERATING RESERVE		93.4	96.5	101.2	115.7	132.9	131.6	160.9	155.1	109.2	86.4	63.9	90.7	89.8	86.3	79.8	95.7	105.1	131.9	87.3	81.7	79	74.3	70.9	102.1
West Cost		36527.5	35349.3	34968.9	33951.7	32586.5	32684.3	31003.7	31716.4	34402.2	36169.9	37846.6	35921.4	35839.5	36096.8	36597.1	35898.2	35087.9	38027	42185.2	42626.9	42881.1	40832.2	37410.8	37900.8

WEST COAST GRID OPERATION



Generation Mix Profile for 31st March 2013

Gas	10,115 MWh
Hydro	1,614 MWh
Distillate	2,170 MWh
SREP	674 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	708.70 MWh	597.30 MWh	1,570.00 MWh	- MWh
IPP	1,460.90 MWh	9,517.70 MWh	44.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	674.40 MWh
TOTAL	2,169.60 MWh	10,115.00 MWh	1,614.20 MWh	674.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	4%	11%	0%
IPP	10%	65%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	14,573.20			

DIST (IPP)	10%
DIST (SESB)	5%
SREP	5%
GAS (SESB)	4%
GAS (IPP)	65%
HYDRO (SESB)	11%
HYDRO (IPP)	0%
total	100%

