

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (28th MARCH' 2013)	870 MW	822 MW	-5.53%
Maximum Energy (28th MARCH' 2013)	17.8 MW	16.1 GWh	-9.45%
Maximum Demand (record high 27th MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

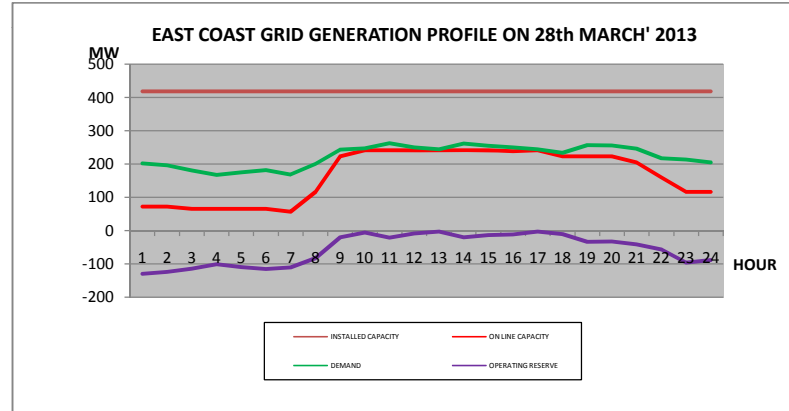
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-Apr-13

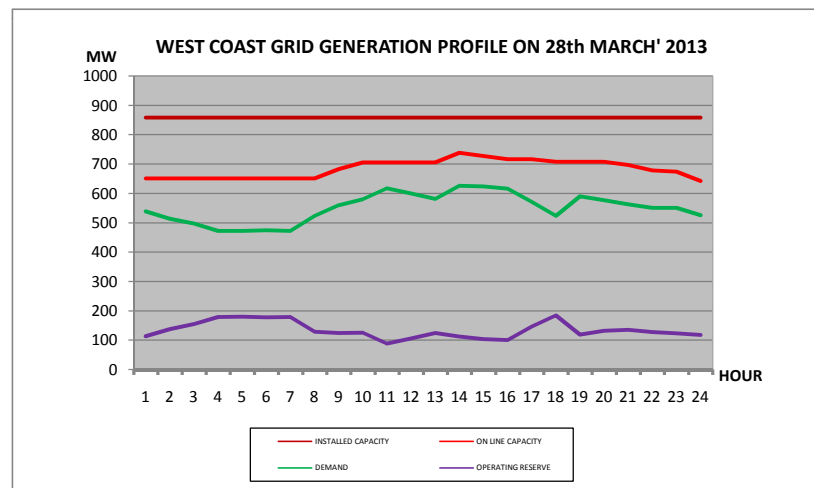
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		72	72	66	66	66	66	57	117	223	241.5	241.5	241.5	241.5	241.5	241.5	238.5	241.5	223	223	223	205	160	117	117
DEMAND		202.2	196.05	180.87	167.38	175.53	181.81	168.34	200.26	242.93	247.26	262.63	249.94	244.39	261.47	254.83	250.31	244.78	233.83	256.61	256.08	246.42	217.24	213.69	205.36
OPERATING RESERVE		-130.2	-124.05	-114.87	-101.38	-109.53	-115.81	-111.34	-83.26	-19.93	-5.76	-21.13	-8.44	-2.89	-19.97	-13.33	-11.81	-3.28	-10.83	-33.61	-33.08	-41.42	-57.24	-96.69	-88.36
East Cost		12793.5	12446.6	10600.3	11091	12104.7	12403.7	10680.9	15329.4	27322.9	30593.4	31149.7	30465.6	30847.1	30440.8	30336.5	30429.8	29706.4	27453.4	28292.8	29140.6	27432.7	21144.6	16588.6	15872.6

EAST COAST GRID OPERATION



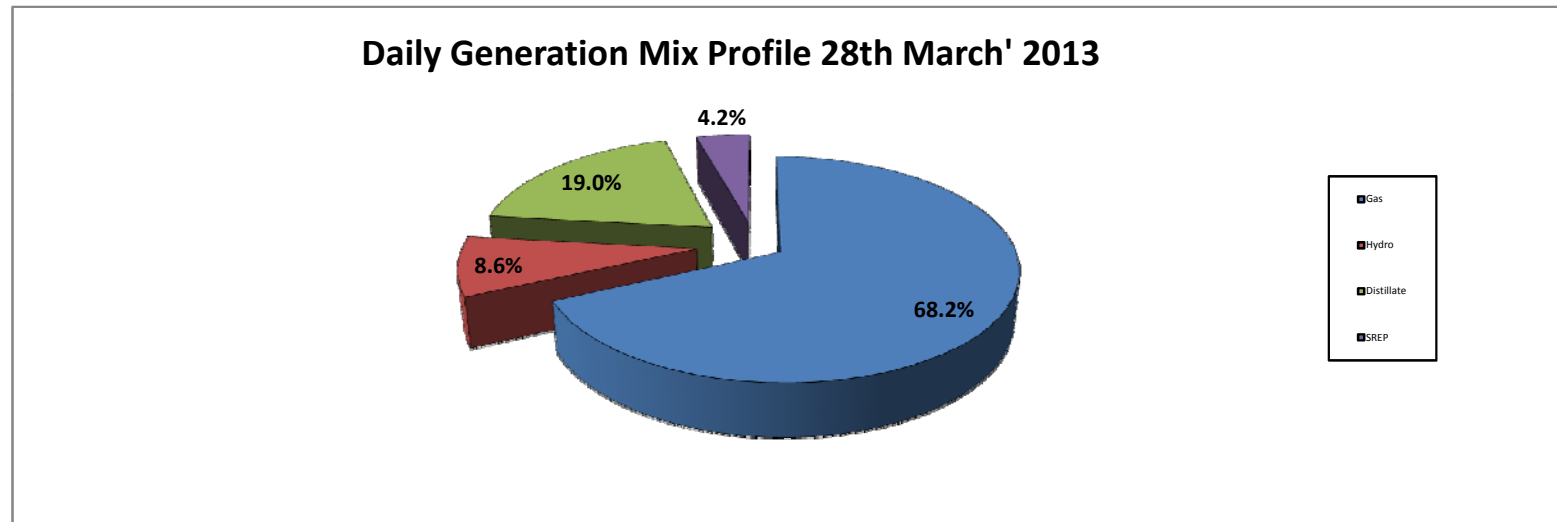
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		651.5	651.5	651.5	651.5	651.5	651.5	651.5	651.5	683	705	705	705	705	738	727	716	716	708	708	708	697	678	673.5	642.5
DEMAND		538.3	514	497.1	472.5	472.3	474.3	472.8	523	558.93	579.8	617.1	599.1	580.9	625.6	623.3	616.3	570.7	523.9	590	576.2	562.5	550.7	551.1	525.4
OPERATING RESERVE		113.2	137.5	154.4	179	179.2	177.2	178.7	128.5	124.07	125.2	87.9	105.9	124.1	112.4	103.7	99.7	145.3	184.1	118	131.8	134.5	127.3	122.4	117.1
West Cost		41937.7	40247.7	38930.5	38323	38255.8	38213.2	37098.8	39461.6	43819.4	43594.5	46370.9	45085.6	43967.6	48098.2	47621	46657.5	43524	40631	44776.7	43776.5	42555.7	40566.3	40368.4	37658

WEST COAST GRID OPERATION



Generation Mix Profile for 28th March 2013

Gas	11,093 MWh
Hydro	1,396 MWh
Distillate	3,085 MWh
SREP	691 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SES	1,330.90 MWh	1,830.33 MWh	1,366.00 MWh	- MWh
IPP	1,754.40 MWh	9,263.10 MWh	30.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	691.30 MWh
TOTAL	3,085.30 MWh	11,093.43 MWh	1,396.40 MWh	691.30 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SES	8%	11%	8%	0%
IPP	11%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,266.43			

DIST (IPP)	11%
DIST (SES)	8%
SREP	4%
GAS (SES)	11%
GAS (IPP)	57%
HYDRO (SES)	8%
HYDRO (IPP)	0%
total	100%

