

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (8th JAN' 2013)	790 MW	782 MW	-1.00%
Maximum Energy (8th JAN 2013)	15.8 MW	15.4 GWh	-2.53%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

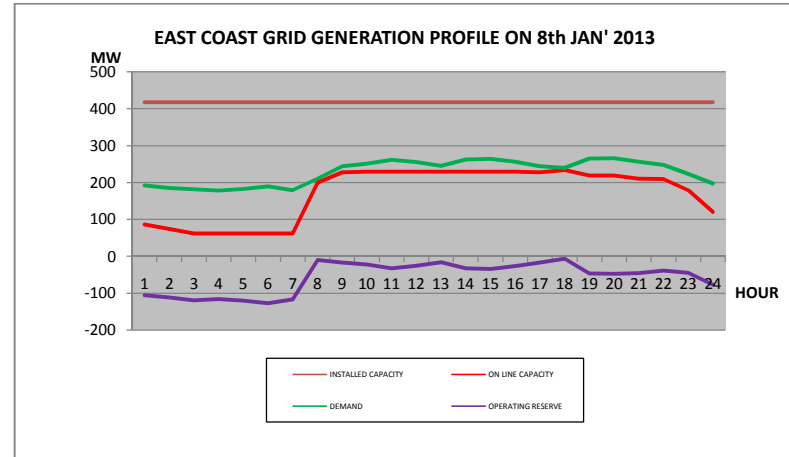
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

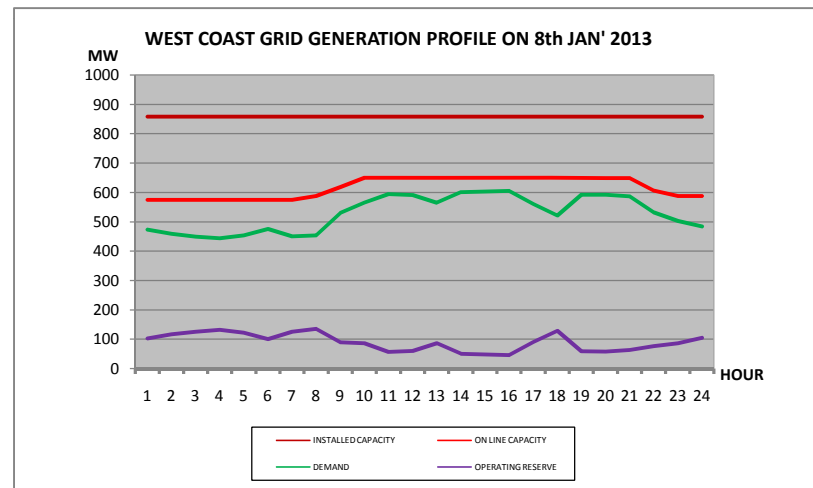
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		86	74	62	62	62	62	62	200	227.7	229.7	229.7	229.7	229.7	229.7	229.7	229.7	227.7	233.7	218.7	218.7	210.7	209.2	179	120
DEMAND		191.77	185.04	181.24	178.07	182.55	189.15	178.86	209.76	243.98	251.28	261.63	254.83	244.85	261.86	263.84	255.89	243.85	239.68	265.1	265.67	256.3	247.4	223.31	196.95
OPERATING RESERVE		-105.77	-111.04	-119.24	-116.07	-120.55	-127.15	-116.86	-9.76	-16.28	-21.58	-31.93	-25.13	-15.15	-32.16	-34.14	-26.19	-16.15	-5.98	-46.4	-46.97	-45.6	-38.2	-44.31	-76.95
East Cost		10362.7	9075.51	7997.66	7755.69	7777.88	7844.43	7844.54	21711.1	25842.5	28283	28555.4	27680.3	28290.2	28080.1	28824.2	26429.3	26146.3	25311.3	26724.7	26374.4	24432.3	24065	19100.4	14492.5

EAST COAST GRID OPERATION



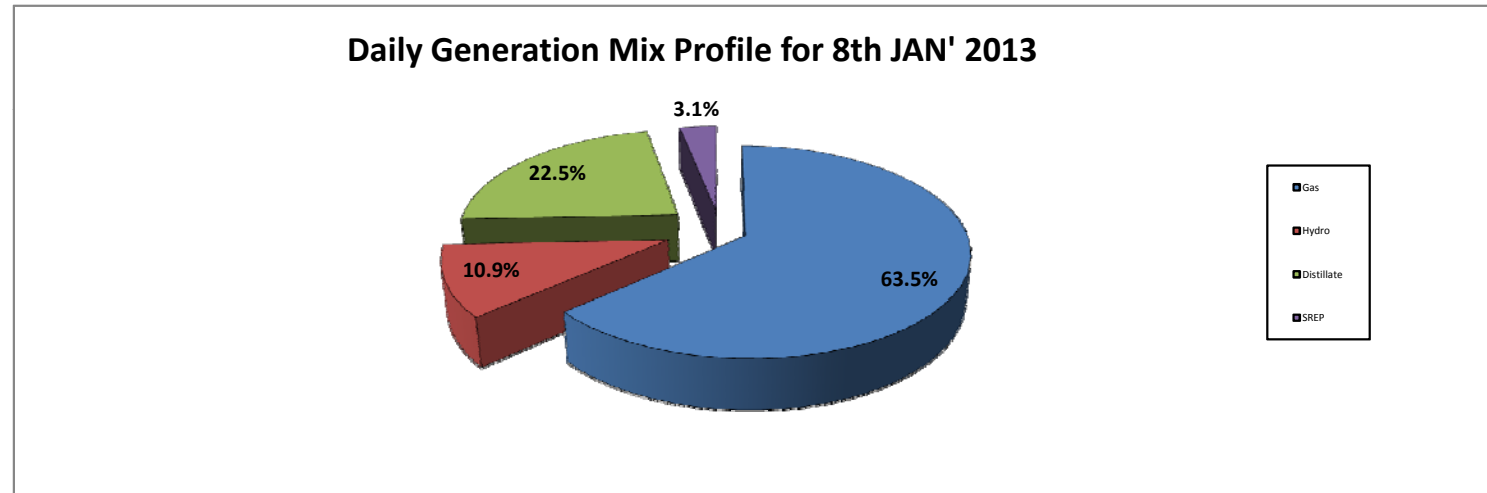
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		574.5	574.5	574.5	574.5	574.5	574.5	574.5	587.5	618.5	649.6	649.6	649.6	649.6	649.6	649.6	649.6	649.6	649.6	649.6	648.5	648.5	606.5	587.5	587.5
DEMAND		472.5	458.6	449.3	443.4	453.1	474.6	450.2	452.8	529.6	564.5	593.9	590.3	563.9	600.8	602	604.7	559.9	521	591.9	591.7	586.4	531.4	502.3	483.9
OPERATING RESERVE		102	115.9	125.2	131.1	121.4	99.9	124.3	134.7	88.9	85.1	55.7	59.3	85.7	48.8	47.6	44.9	89.7	128.6	57.7	56.8	62.1	75.1	85.2	103.6
West Cost		33682.4	32926.2	32227.8	31903.5	32811.7	33931.2	32624.2	33647.4	40016.7	43928.3	45744.5	45319.1	43816	46501.5	46594.8	46817.2	43695.4	41154.6	45594.4	45448.6	45223	40238.2	36773.5	35200.9

WEST COAST GRID OPERATION



Generation Mix Profile for 8th January 2013

Gas	10,045 MWh
Hydro	1,719 MWh
Distillate	3,568 MWh
SREP	494 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,857.30 MWh	1,703.90 MWh	1,572.00 MWh	- MWh
IPP	1,711.00 MWh	8,340.90 MWh	146.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	494.00 MWh
TOTAL	3,568.30 MWh	10,044.80 MWh	1,718.90 MWh	494.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	10%	0%
IPP	11%	53%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,826.00			

DIST (IPP)	11%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	11%
GAS (IPP)	53%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

