

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (6th JAN' 2013)	700 MW	706 MW	0.80%
Maximum Energy (6th JAN 2013)	13.6 MW	13.2 GWh	-2.94%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

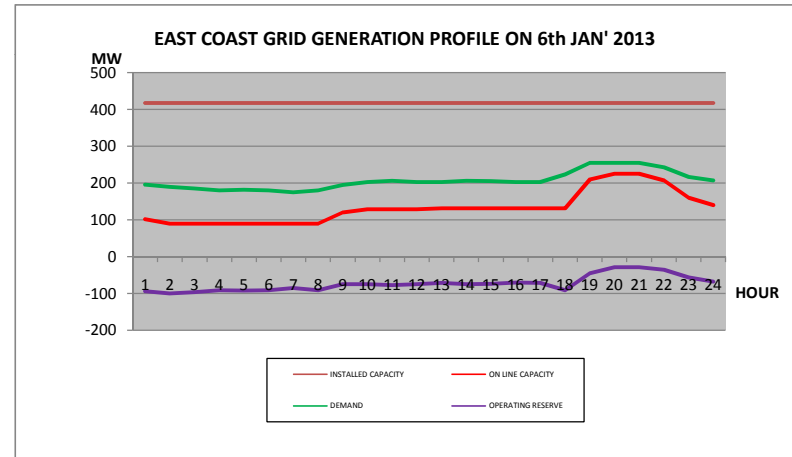
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

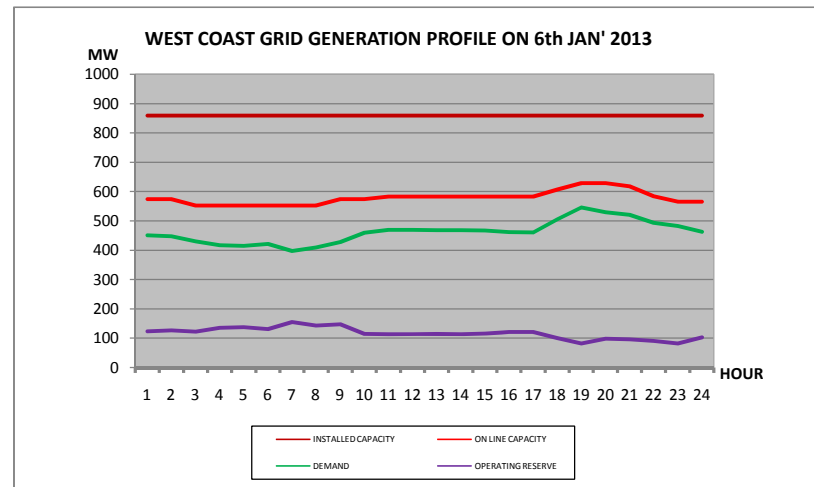
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		102	90	90	90	90	90	90	90	120	129	129	129	132	132	132	132	132	209.5	225.5	225.5	207	160	140	
DEMAND		195.53	189.51	185.67	180.61	181.98	180.49	175.2	180.79	194.63	203.08	206.38	203.19	203.17	206.28	205.52	202.44	202.68	223.25	254.57	254.21	254.34	242.19	216.32	207.39
OPERATING RESERVE		-93.53	-99.51	-95.67	-90.61	-91.98	-90.49	-85.2	-90.79	-74.63	-74.08	-77.38	-74.19	-71.17	-74.28	-73.52	-70.44	-70.68	-91.25	-45.07	-28.71	-28.84	-35.19	-56.32	-67.39
East Cost		12441.7	11031	10952.9	10930.6	11019.6	10360	10997.2	11243.3	13502.5	14042.3	14409.5	14756.9	14614.8	15284.3	15295	15240	15106.9	16117.6	24445.1	26497.8	26621.3	24180.6	17353.9	15249.8

EAST COAST GRID OPERATION



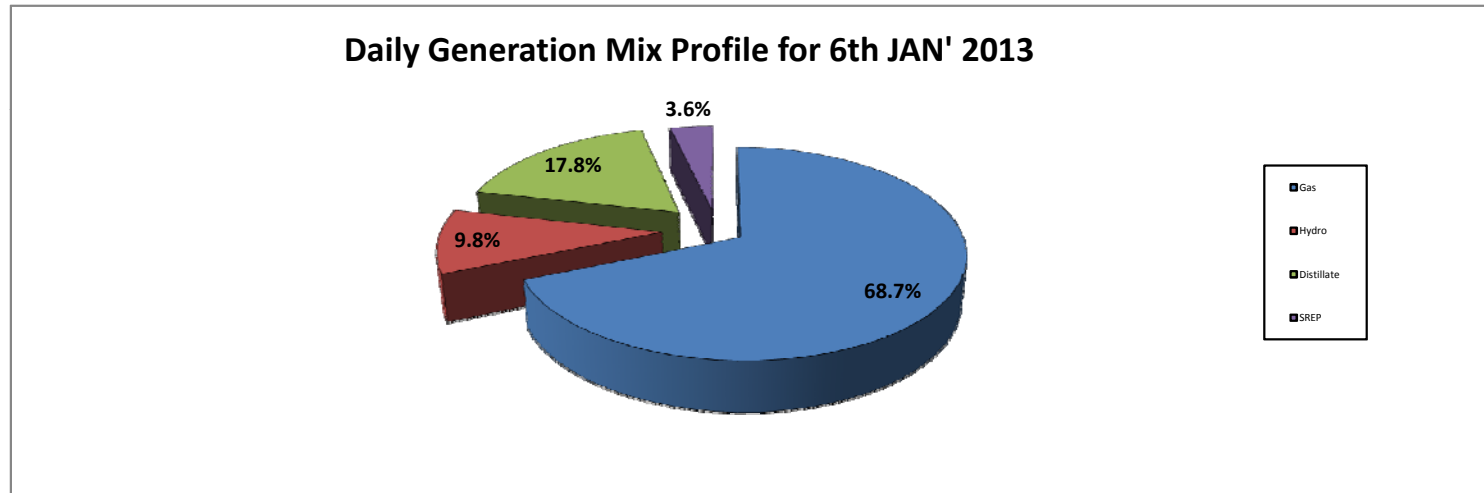
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	552.5	552.5	552.5	552.5	552.5	552.5	574.5	574.5	583	583	583	583	583	583	583	606.5	628.5	628.5	617.5	584.5	565.5	565.5
DEMAND		450.8	447.6	430.1	417.4	415.1	421	397.4	408.9	427.5	459.3	469.3	469.1	468	468.7	467.1	462.1	461.1	505.3	546.2	529.5	520.6	493.4	483.2	462.9
OPERATING RESERVE		123.7	126.9	122.4	135.1	137.4	131.5	155.1	143.6	147	115.2	113.7	113.9	115	114.3	115.9	120.9	121.9	101.2	82.3	99	96.9	91.1	82.3	102.6
West Cost		32335.1	32007.5	32178.2	31353.9	30999.7	31622.7	30393.8	31004.1	31137.2	33630.2	34782.5	34726.9	34724.6	34754.4	34797.2	34423.6	34303	38774.9	42317.4	41401.3	40419.5	39425.2	37041	35390.2

WEST COAST GRID OPERATION



Generation Mix Profile for 6th January 2013

Gas	9,317 MWh
Hydro	1,335 MWh
Distillate	2,418 MWh
SREP	495 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,017.10 MWh	1,575.80 MWh	1,218.00 MWh	- MWh
IPP	1,401.10 MWh	7,740.70 MWh	116.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	494.50 MWh
TOTAL	2,418.20 MWh	9,316.50 MWh	1,334.60 MWh	494.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	12%	9%	0%
IPP	10%	57%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	13,563.80			

DIST (IPP)	10%
DIST (SESB)	7%
SREP	4%
GAS (SESB)	12%
GAS (IPP)	57%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

