

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (4th JAN' 2013)	790 MW	754 MW	-4.61%
Maximum Energy (4th JAN 2013)	15.8 MW	14.9 GWh	-5.70%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

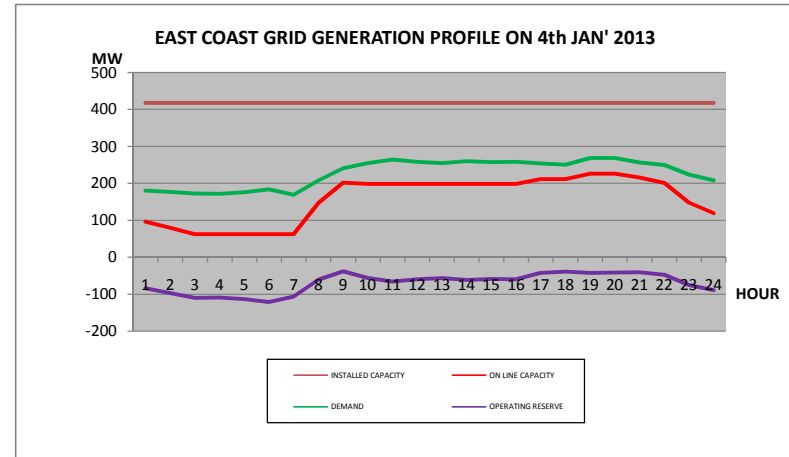
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

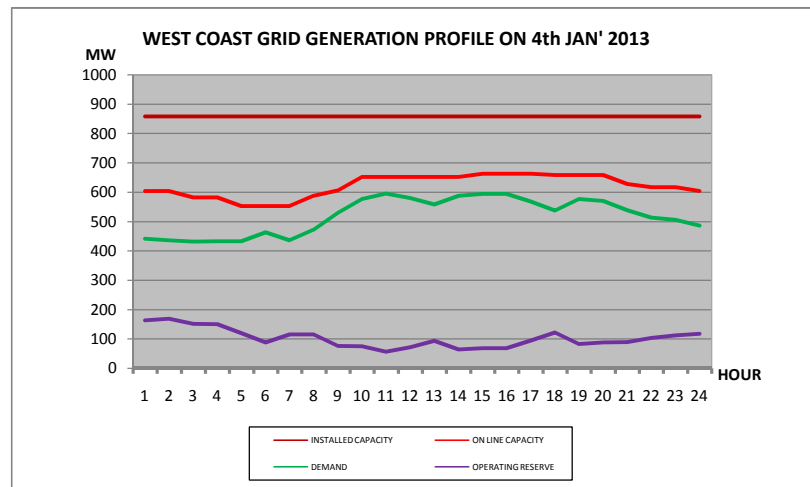
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		96	79	62	62	62	62	62	147	201.7	197.7	197.7	197.7	197.7	197.7	197.7	197.7	210.7	210.7	225.7	225.7	215.5	201	147	118
DEMAND		180.32	176.14	172.15	171.28	175.83	183.38	168.72	208	240.29	254.31	263.87	257.47	254.02	259.35	256.95	257.9	253.2	250.1	268.2	267.9	256.5	249.1	222.8	207.39
OPERATING RESERVE		-84.32	-97.14	-110.15	-109.28	-113.83	-121.38	-106.72	-61	-38.59	-56.61	-66.17	-59.77	-56.32	-61.65	-59.25	-60.2	-42.5	-39.4	-42.5	-42.2	-41	-48.1	-75.8	-89.39
East Cost		11294.2	9458.7	7701.2	7663.03	7805.09	7623.9	7734.33	15360.9	23911.5	25067.9	25057.6	23700.3	25025	24336.7	25075.4	24771.6	23514.5	24228.5	26707	25460.4	23893	21994.4	15822.4	13414.2

EAST COAST GRID OPERATION



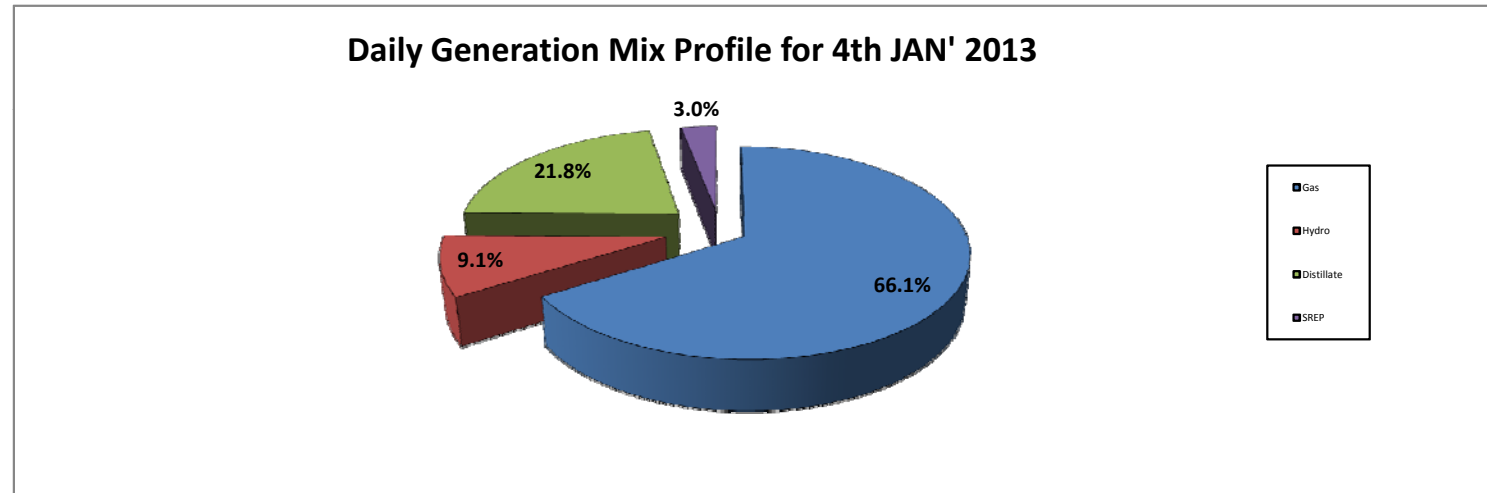
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		604.5	604.5	582.5	582.5	552.5	552.5	552.5	587.5	606.5	652.7	652.7	652.7	652.7	652.7	663.7	663.7	663.7	659.5	659.5	659.5	628.5	617.5	617.5	604.5
DEMAND		441.5	435.6	431.5	432.3	433	463.5	436.4	472	529.8	577.35	595.65	580.35	558.55	588.15	595.05	594.85	568.75	537.6	576.5	570.8	538.9	513.9	505.4	486.5
OPERATING RESERVE		163	168.9	151	150.2	119.5	89	116.1	115.5	76.7	75.35	57.05	72.35	94.15	64.55	68.65	68.85	94.95	121.9	83	88.7	89.6	103.6	112.1	118
West Cost		33795.8	33371.7	33933.4	34139.6	32895.7	34623.1	32890.1	35381.3	39474.3	45134.7	46313.7	45291.2	44976.2	46653.9	46663.8	46682.4	44493.4	42763.3	45452.3	44757.8	41587.2	38661.8	37811.7	36105.5

WEST COAST GRID OPERATION



Generation Mix Profile for 4th January 2013

Gas	10,151 MWh
Hydro	1,406 MWh
Distillate	3,348 MWh
SREP	461 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,698.30 MWh	1,819.60 MWh	1,304.00 MWh	- MWh
IPP	1,649.70 MWh	8,331.80 MWh	101.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	461.00 MWh
TOTAL	3,348.00 MWh	10,151.40 MWh	1,405.50 MWh	461.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	12%	8%	0%
IPP	11%	54%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,365.90			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	54%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

