

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (10th JAN' 2013)	800 MW	797 MW	-0.40%
Maximum Energy (10th JAN 2013)	15.9 MW	15.5 GWh	-2.52%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

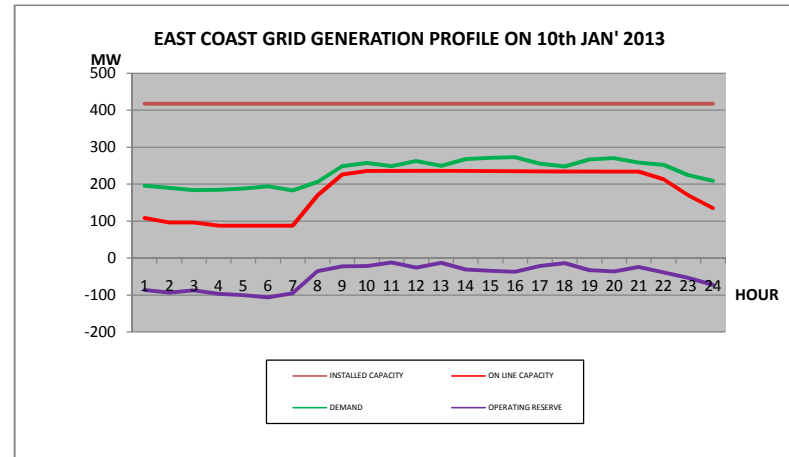
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

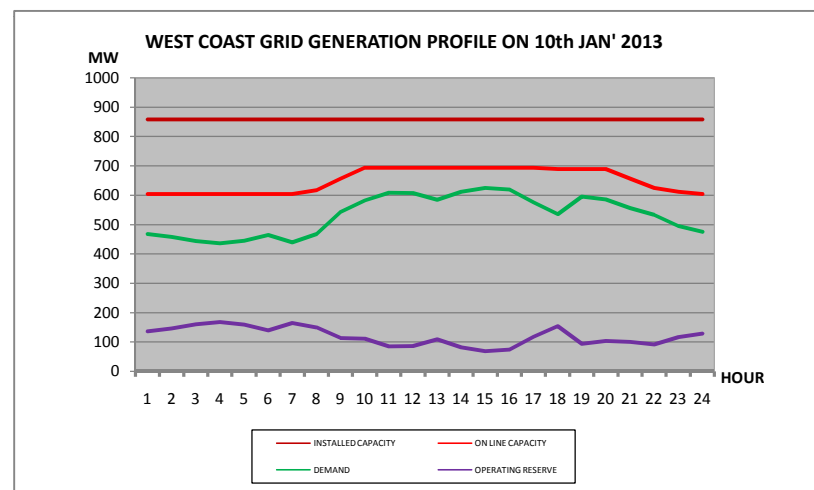
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		108	96	96	87	87	87	87	170	225.7	235.7	235.7	235.7	235.7	235.7	235.7	235.7	233.7	233.7	233.7	233.7	233.7	213	170	135
DEMAND		195.27	189.9	183.65	184.08	187.71	193.94	182.59	205.83	249.08	257.47	248.32	262.24	249.43	267.54	270.87	273.04	256.03	247.89	267	270.83	258.43	252.54	224.46	208.48
OPERATING RESERVE		-87.27	-93.9	-87.65	-97.08	-100.71	-106.94	-95.59	-35.83	-23.38	-21.77	-12.62	-26.54	-13.73	-31.84	-35.17	-37.34	-22.33	-14.19	-33.3	-37.13	-24.73	-39.54	-54.46	-73.48
East Cost		12762.7	11318.6	11438.7	10820	10842	10704.6	10682.1	17261.4	24706.2	26078	26192.9	27212.3	27162.3	28066.4	26915.7	27189.1	24852.4	26194.9	27304.9	27164.3	27021.9	24304.3	19458.3	15277

EAST COAST GRID OPERATION



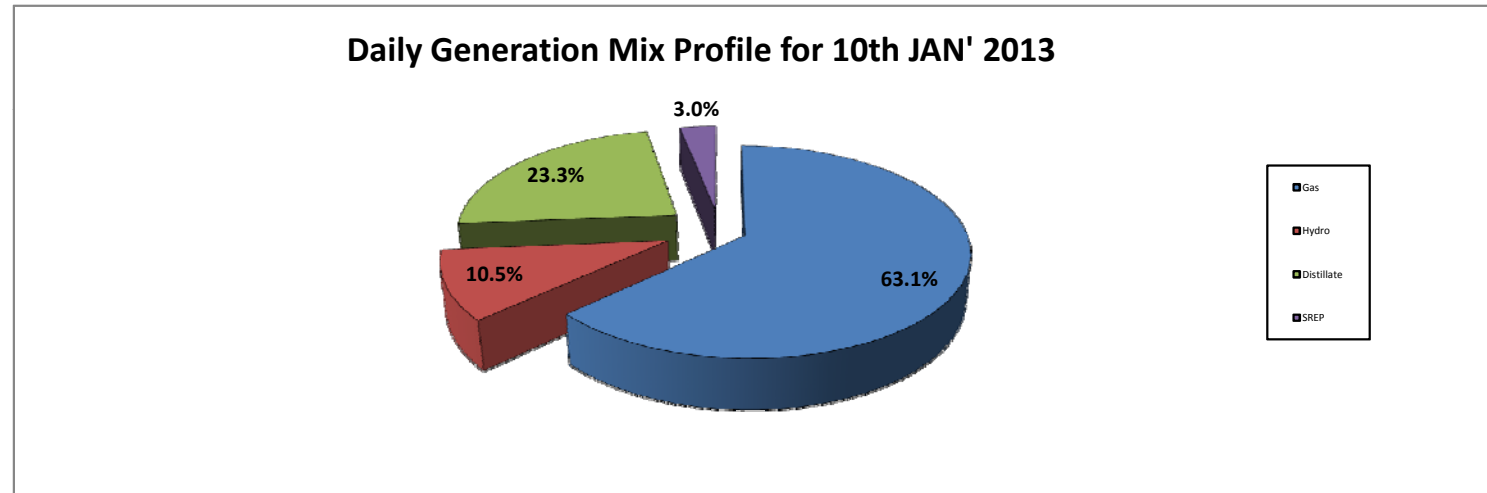
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	604.5	604.5	604.5	604.5	604.5	617.5	656.5	693.7	693.7	693.7	693.7	693.7	693.7	693.7	693.7	689.5	689.5	689.5	656.5	625.5	612.5	604.5
DEMAND		467.9	457.8	443.6	436.5	445.1	465.1	440.3	467.7	543.3	582.85	608.35	608.05	585.15	612.05	625.05	619.45	575.95	535.2	595.3	585.8	556.2	533.7	495.7	476.2
OPERATING RESERVE		136.6	146.7	160.9	168	159.4	139.4	164.2	149.8	113.2	110.85	85.35	85.65	108.55	81.65	68.65	74.25	117.75	154.3	94.2	103.7	100.3	91.8	116.8	128.3
West Cost		33805.2	33214.8	32649.3	32179	32985.6	33286.8	33680.2	35839.3	42548.1	46591.2	48222.7	48454	47192.7	48776.1	49890	49221.2	46113.3	43001	46772.7	45941.9	42606.6	39568.1	36441.1	34690.6

WEST COAST GRID OPERATION



Generation Mix Profile for 10th January 2013

Gas	10,108 MWh
Hydro	1,687 MWh
Distillate	3,732 MWh
SREP	486 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,828.90 MWh	1,998.40 MWh	1,572.00 MWh	- MWh
IPP	1,902.60 MWh	8,109.30 MWh	114.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	486.00 MWh
TOTAL	3,731.50 MWh	10,107.70 MWh	1,686.70 MWh	486.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	12%	10%	0%
IPP	12%	51%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	16,011.90			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	51%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

