

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (12th JAN' 2013)	730 MW	749 MW	2.60%
Maximum Energy (12th JAN 2013)	14.8 MW	14.7 GWh	-0.68%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

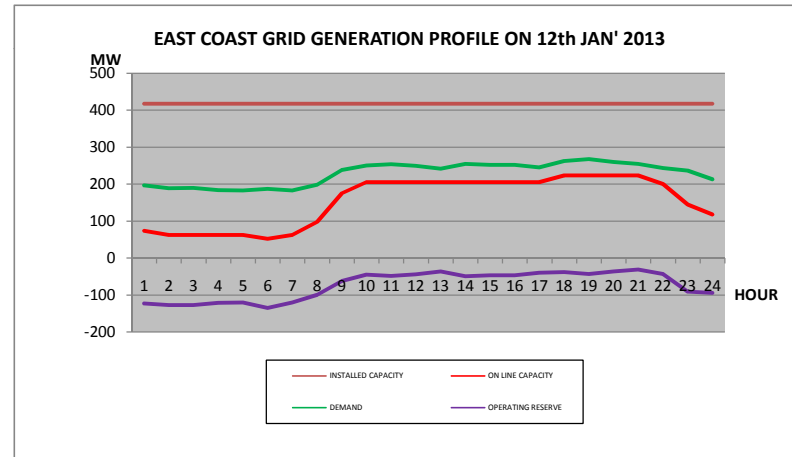
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

14-Jan-13

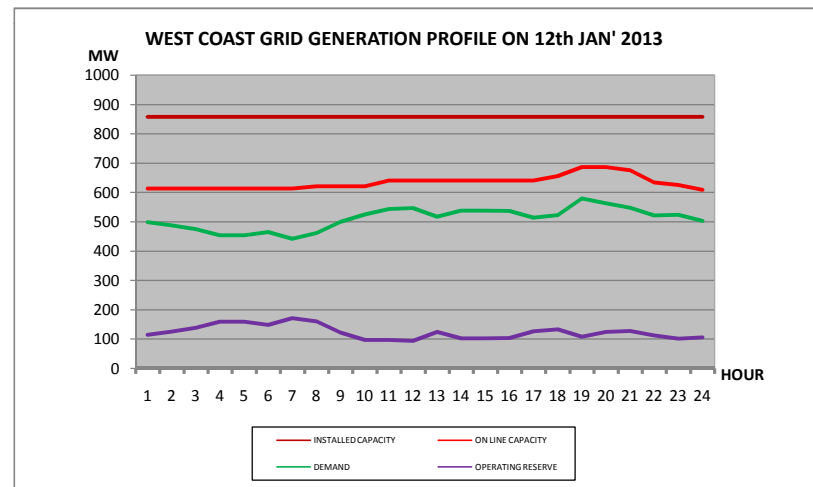
EAST COAST GRID																										
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		74	62	62	62	62	52	62	98	175	205	205	205	205	205	205	205	205	205	223.5	223.5	223.5	223.5	200.5	145	118
DEMAND		197.23	189.53	189.65	183.57	183.07	187.65	183.31	198.36	237.91	250.4	253.67	249.76	241.74	254.69	251.97	251.73	244.84	262.16	267.52	259.83	254.95	243.82	236.42	212.85	
OPERATING RESERVE		-123.23	-127.53	-127.65	-121.57	-121.07	-135.65	-121.31	-100.36	-62.91	-45.4	-48.67	-44.76	-36.74	-49.69	-46.97	-46.73	-39.84	-38.66	-44.02	-36.33	-31.45	-43.32	-91.42	-94.85	
East Cost		9081.4	7766.03	7841.22	7867.85	7805.61	6021.92	8156.46	11708.5	17912.5	22565	22645.1	21713.8	22068	22365.5	22032.6	21677.7	22167.8	24619.5	25162.5	24438.6	24571.1	22660.2	17681.9	13254.7	

EAST COAST GRID OPERATION



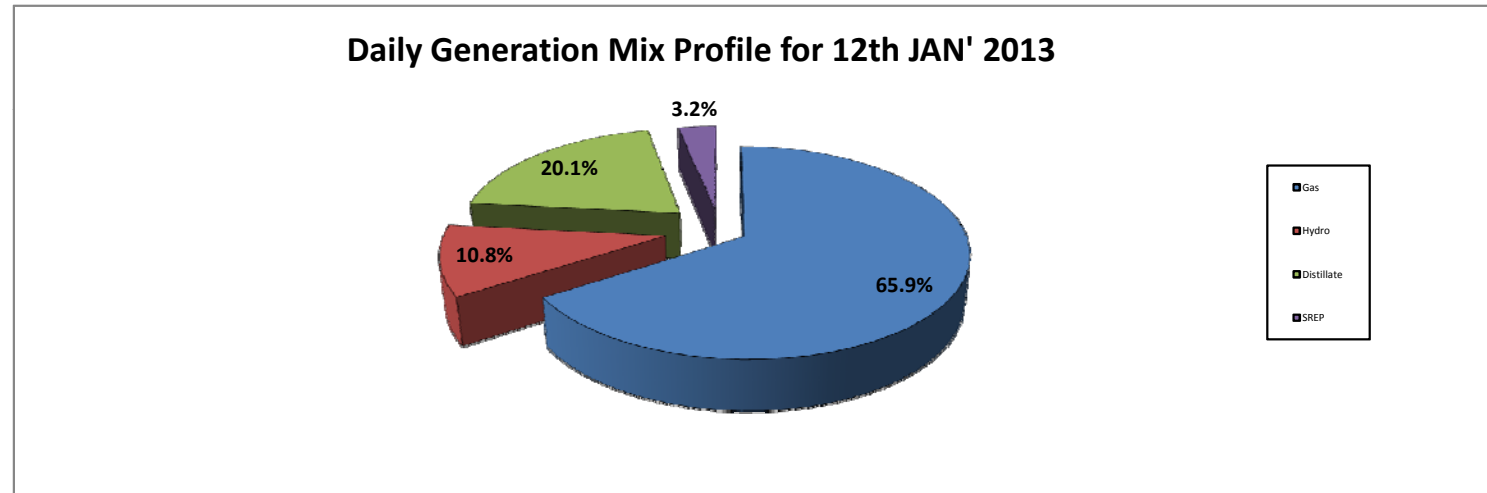
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		613	613	613	613	613	613	613	621.5	621.5	621.5	640.5	640.5	640.5	640.5	640.5	640.5	640.5	656	687	687	676	634	625.5	609
DEMAND		498.7	488.2	474.7	454.2	454.1	464.5	441.8	461.8	499.6	524.9	544.1	547.1	516.9	537.8	538.5	536.8	513.9	523.3	579.8	563.2	548.5	521.7	524	503.5
OPERATING RESERVE		114.3	124.8	138.3	158.8	158.9	148.5	171.2	159.7	121.9	96.6	96.4	93.4	123.6	102.7	102	103.7	126.6	132.7	107.2	123.8	127.5	112.3	101.5	105.5
West Cost		36297.3	35568.6	35043.2	34027.7	33538.2	34404.1	33282.1	35241.7	37245	39283.1	41802.9	42162.5	40240.3	41664.9	41817.1	41518.6	39976.7	41322.2	45706.5	44481.1	43086.4	39275.9	39060.5	36924.1

WEST COAST GRID OPERATION



Generation Mix Profile for 12th January 2013

Gas	9,955 MWh
Hydro	1,630 MWh
Distillate	3,038 MWh
SREP	484 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,295.70 MWh	2,245.70 MWh	1,534.00 MWh	- MWh
IPP	1,741.90 MWh	7,709.60 MWh	95.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	484.00 MWh
TOTAL	3,037.60 MWh	9,955.30 MWh	1,629.60 MWh	484.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	15%	10%	0%
IPP	12%	51%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,106.50			

DIST (IPP)	12%
DIST (SESB)	9%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	51%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

