

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (13th MARCH' 2013)	835 MW	840 MW	0.54%
Maximum Energy (13th MARCH' 2013)	17.3 MW	16.2 GWh	-6.36%
Maximum Demand (record high 13th MARCH' 2013)	835 MW	840 MW	0.54%

Prepared by:

Electricity Market Operations

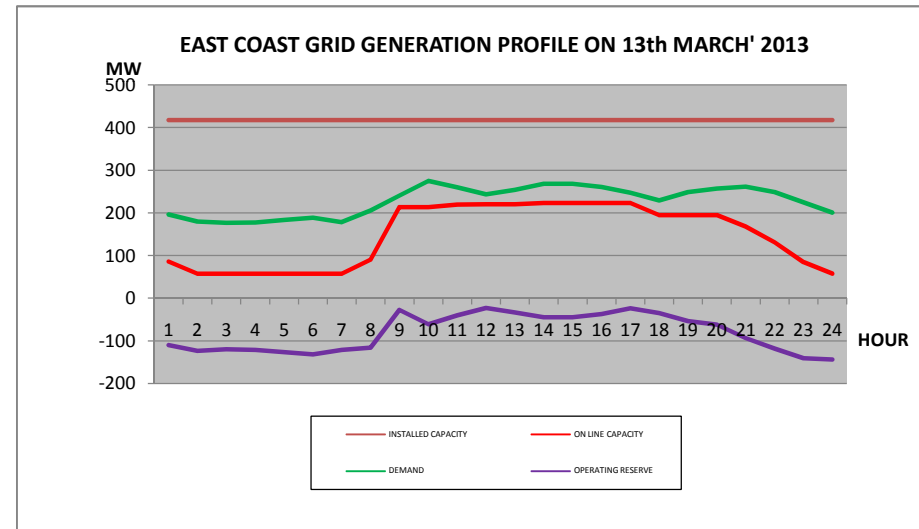
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

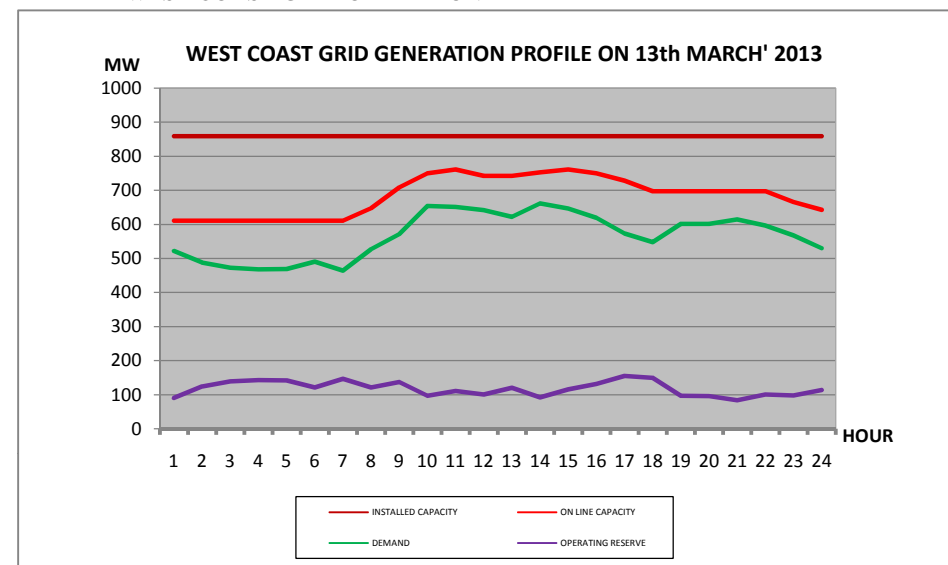
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		86	57	57	57	57	57	57	90	213.5	213.5	219.5	220.5	220.5	223.5	223.5	223.5	223.5	195	195	195	168	131	84	57
DEMAND		195.97	180.15	176.95	177.89	183.57	188.7	178.28	205.5	240.33	274.63	259.53	243.15	253.79	268.23	267.86	260.19	246.89	229.5	248.66	256.49	261.08	248.82	224.82	200.63
OPERATING RESERVE		-109.97	-123.15	-119.95	-120.89	-126.57	-131.7	-121.28	-115.5	-26.83	-61.13	-40.03	-22.65	-33.29	-44.73	-44.36	-36.69	-23.39	-34.5	-53.66	-61.49	-93.08	-117.82	-140.82	-143.63
East Cost		12356.5	11001.4	11161.4	10338.5	10866.7	10972.7	10992.5	14412.6	26983.7	24711.7	28008.1	26175.9	28583.7	27153.6	27769.4	28255.1	26987.4	24907.8	24932.2	24639.1	18529	14305.5	13171.1	11354.5

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		611	611	611	611	611	611	611	647.5	708.5	750	761	742	742	753	761	750	728	697	697	697	697	697	665	643
DEMAND		520.9	487.6	472	467.8	468.9	490.3	463.9	526.7	571.4	653.6	650.8	642.2	621.6	661.5	646.1	618.7	572.8	547.7	601	601.2	614	596.9	567.4	529.9
OPERATING RESERVE		90.1	123.4	139	143.2	142.1	120.7	147.1	120.8	137.1	96.4	110.2	99.8	120.4	91.5	114.9	131.3	155.2	149.3	96	95.8	83	100.1	97.6	113.1
West Cost		37816.5	36455.9	35507.8	35140	35219.1	36878.9	34833.3	40384.8	44044.3	50274.3	50803.4	49092.6	48185.6	50960.1	50217.5	48172.6	43959.3	41365.2	45035.1	45003.4	46076.2	44992	40345.3	39524.3

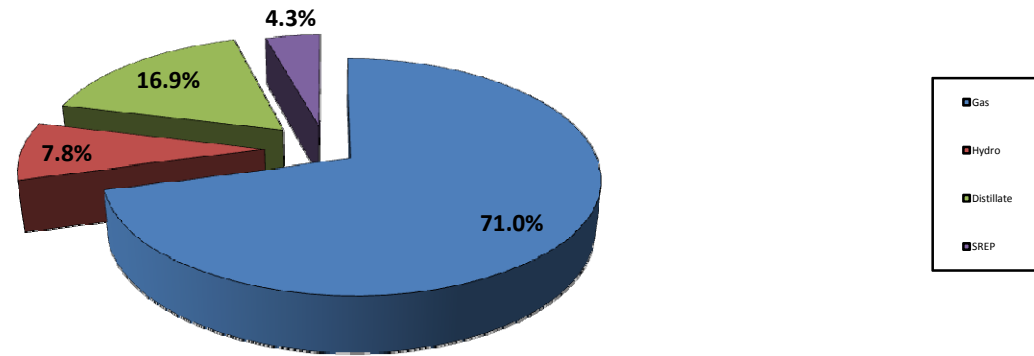
WEST COAST GRID OPERATION



Generation Mix Profile for 13th March 2013

Gas	11,546 MWh
Hydro	1,271 MWh
Distillate	2,755 MWh
SREP	692 MWh

Daily Generation Mix Profile 13th March' 2013



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,174.50 MWh	1,953.10 MWh	1,247.00 MWh	- MWh
IPP	1,580.90 MWh	9,593.10 MWh	24.40 MWh	- MWh
SREP	- MWh	- MWh	MWh	692.20 MWh
TOTAL	2,755.40 MWh	11,546.20 MWh	1,271.40 MWh	692.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	12%	8%	0%
IPP	10%	59%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,265.20			

DIST (IPP)	10%
DIST (SESB)	7%
SREP	4%
GAS (SESB)	12%
GAS (IPP)	59%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 13th March' 2013

