

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (14th MARCH' 2013)	840 MW	803 MW	-4.45%
Maximum Energy (14th MARCH' 2013)	17.5 MW	15.8 GWh	-9.71%
Maximum Demand (record high 13th MARCH' 2013)	835 MW	840 MW	0.54%

Prepared by:

Electricity Market Operations

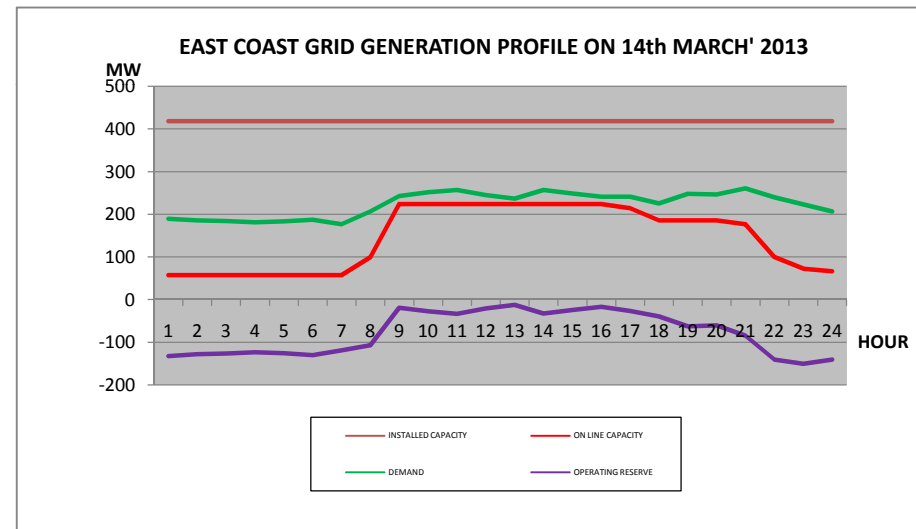
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

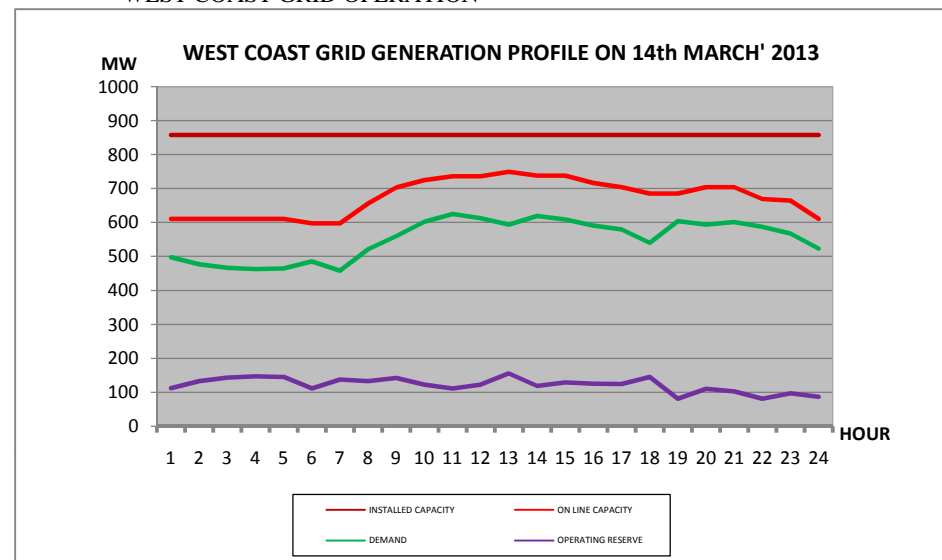
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		57	57	57	57	57	57	57	99	223.5	223.5	223.5	223.5	223.5	223.5	223.5	223.5	213.5	185	185	185	176	99	72	66
DEMAND		189.36	185.36	183.82	180.73	182.81	187.2	176.37	206.29	242.56	251.41	256.77	244.6	236.15	256.52	248.03	240.64	240.66	224.69	247.47	245.69	260.24	239.41	222.48	206.64
OPERATING RESERVE		-132.36	-128.36	-126.82	-123.73	-125.81	-130.2	-119.37	-107.29	-19.06	-27.91	-33.27	-21.1	-12.65	-33.02	-24.53	-17.14	-27.16	-39.69	-62.47	-60.69	-84.24	-140.41	-150.48	-140.64
East Cost		11085.5	11157.1	10671.1	10318.8	10971.3	10559.3	11313.3	14998	26521.8	27316.6	27336.2	27158.4	27103.6	27622.6	27419.1	28156	24575.8	22769.4	24398.4	22888.1	20700.3	11795.8	9440.94	9112.7

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		611	611	611	611	611	597.5	597.5	656	703.5	725.5	736.5	736.5	750	739	739	717	705	686	686	705	705	669.5	665	611
DEMAND		498.5	477.3	467.2	463.1	465.1	485.8	458.8	522.1	560.1	602.3	624.9	612.8	593.8	619.5	608.7	591	580.1	540.3	603.9	594.1	601.2	587.7	567.5	523.6
OPERATING RESERVE		112.5	133.7	143.8	147.9	145.9	111.7	138.7	133.9	143.4	123.2	111.6	123.7	156.2	119.5	130.3	126	124.9	145.7	82.1	110.9	103.8	81.8	97.5	87.4
West Cost		37186.3	35878.3	35059.5	34822.2	34969.7	37193.1	35453.8	39400.2	44257.7	47725.6	49314.8	48766	46394.8	47839.5	47065.8	45114	44099.3	40230.7	44342.8	45168.8	45337.9	42316.8	40848.6	37966.8

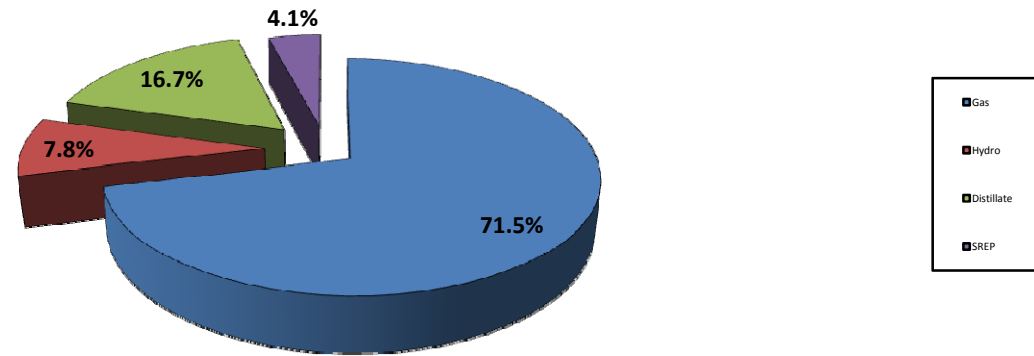
WEST COAST GRID OPERATION



Generation Mix Profile for 14th March 2013

Gas	11,331 MWh
Hydro	1,242 MWh
Distillate	2,641 MWh
SREP	644 MWh

Daily Generation Mix Profile 14th March' 2013



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,206.00 MWh	1,799.70 MWh	1,218.00 MWh	- MWh
IPP	1,434.90 MWh	9,530.80 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	MWh	643.60 MWh
TOTAL	2,640.90 MWh	11,330.50 MWh	1,242.00 MWh	643.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	11%	8%	0%
IPP	9%	60%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,857.00			

DIST (IPP)	9%
DIST (SESB)	8%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	60%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 14th March' 2013

