

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (27th FEB' 2013)	815 MW	800 MW	-1.84%
Maximum Energy (27th FEB' 2013)	17.4 MW	15.6 GWh	-10.34%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

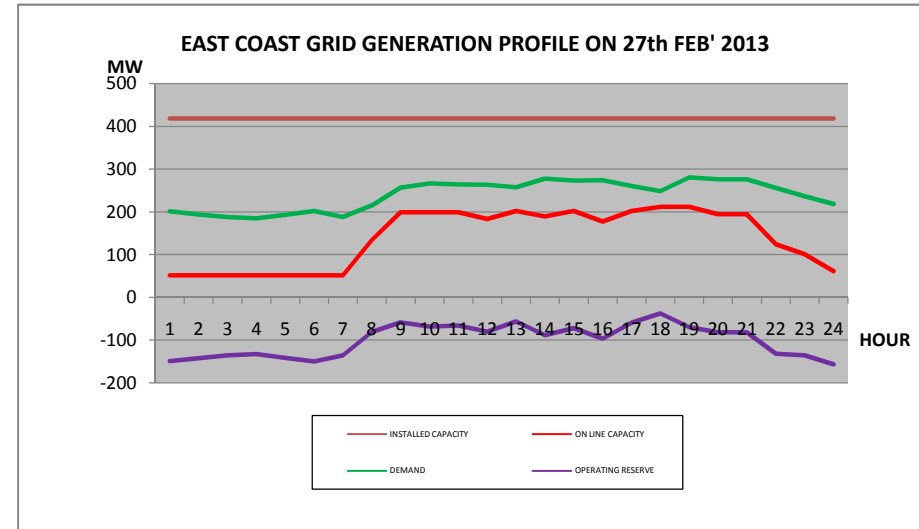
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

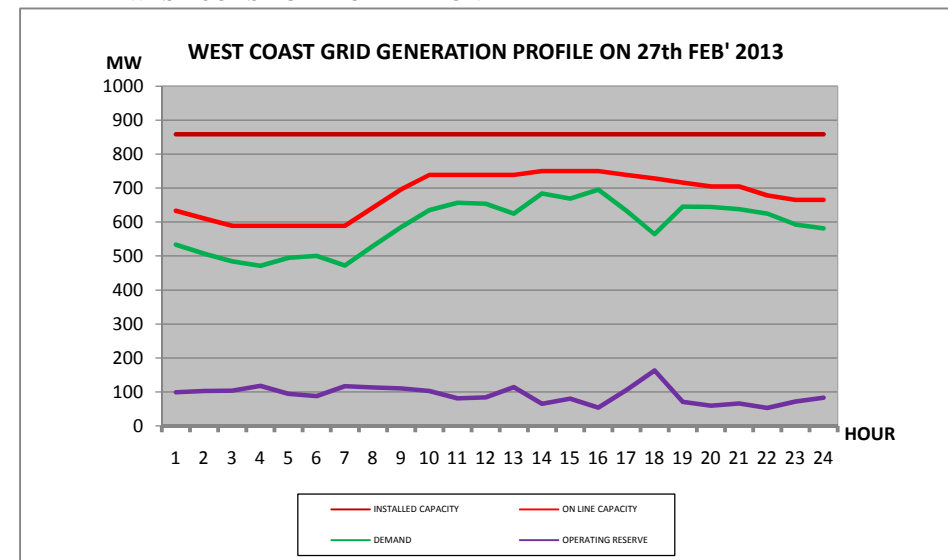
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		52	52	52	52	52	52	52	134	198.5	198.5	198.5	183.5	201.5	189.5	201.5	177.5	201.5	211.5	211.5	194.5	194.5	124	101	62
DEMAND		201.18	193.93	187.27	184.58	193.19	201.63	187.3	214.35	256.71	266.65	264.28	263.33	257.56	277.37	273.05	273.95	260.54	248.63	280.71	275.9	276.1	255.87	236.46	218.57
OPERATING RESERVE		-149.18	-141.93	-135.27	-132.58	-141.19	-149.63	-135.3	-80.35	-58.21	-68.15	-65.78	-79.83	-56.06	-87.87	-71.55	-96.45	-59.04	-37.13	-69.21	-81.4	-81.6	-131.87	-135.46	-156.57
East Cost		6030.4	6019.31	6043.72	5956.96	5832.84	5977.15	5870.88	11695.8	19850.2	20728.4	20529.3	20158.9	21540.3	19695.8	21451.3	18007.2	19329.2	21553.8	22495.3	20418.6	20149.7	12745.1	11048.3	7998.84

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		633	611	589	589	589	589	589	643	696.5	739	739	739	739	750	750	750	739	728	716	705	705	678	665	665
DEMAND		533.9	507.4	484.5	471.1	494.3	500.8	471.9	529.5	585.4	635.9	657.6	654.3	624.6	685	669.1	695.9	633.3	564.3	645.4	645.1	638.2	624.9	592.6	581.5
OPERATING RESERVE		99.1	103.6	104.5	117.9	94.7	88.2	117.1	113.5	111.1	103.1	81.4	84.7	114.4	65	80.9	54.1	105.7	163.7	70.6	59.9	66.8	53.1	72.4	83.5
West Cost		37833.5	37449.5	36852.7	36241.4	37134.2	37658.2	36238.6	39433.8	43608.5	47935.2	49552.8	49292.8	47584	51811.1	51007.8	53127.3	48392.9	43383.5	47922.4	47799.9	47227.6	44653.8	41659.8	40937.1

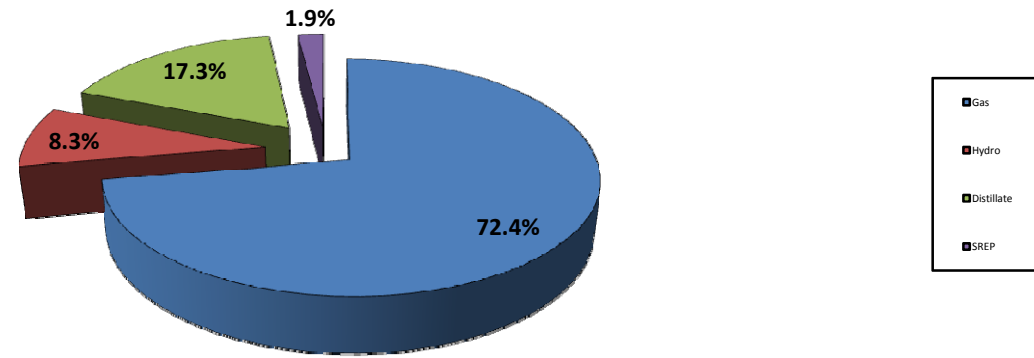
WEST COAST GRID OPERATION



Generation Mix Profile for 27th February 2013

Gas	12,004 MWh
Hydro	1,378 MWh
Distillate	2,872 MWh
SREP	322 MWh

Daily Generation Mix Profile for 27th FEB' 2013



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,229.30 MWh	1,806.20 MWh	1,354.00 MWh	- MWh
IPP	1,642.90 MWh	10,197.80 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	322.10 MWh
TOTAL	2,872.20 MWh	12,004.00 MWh	1,378.00 MWh	322.10 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	11%	8%	0%
IPP	10%	62%	0%	0%
SREP	0%	0%	0%	2%
TOTAL	100%	100%	100%	100%
TOTALLY	16,576.30			

DIST (IPP)	10%
DIST (SESB)	7%
SREP	2%
GAS (SESB)	11%
GAS (IPP)	62%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 27th FEB' 2013

