

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (23rd FEB' 2013)	750 MW	750 MW	0.04%
Maximum Energy (23rd FEB' 2013)	16.2 MW	14.5 GWh	-10.49%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

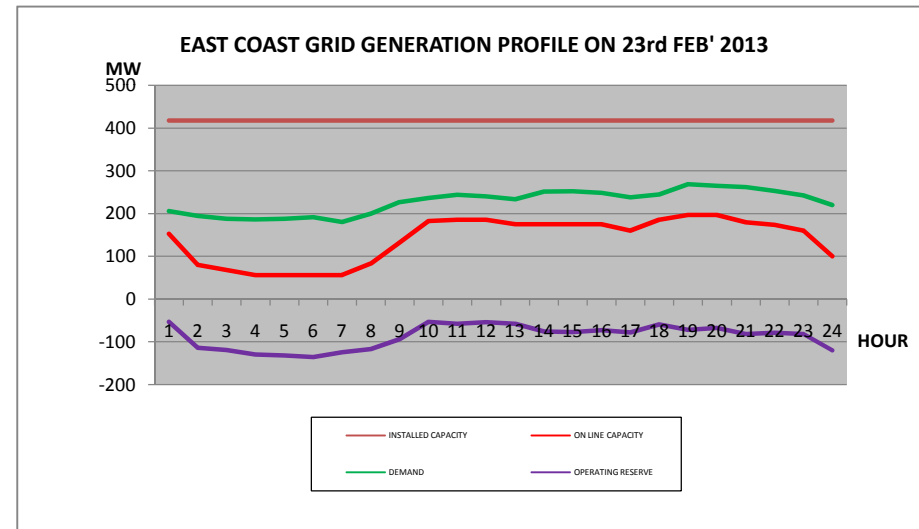
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

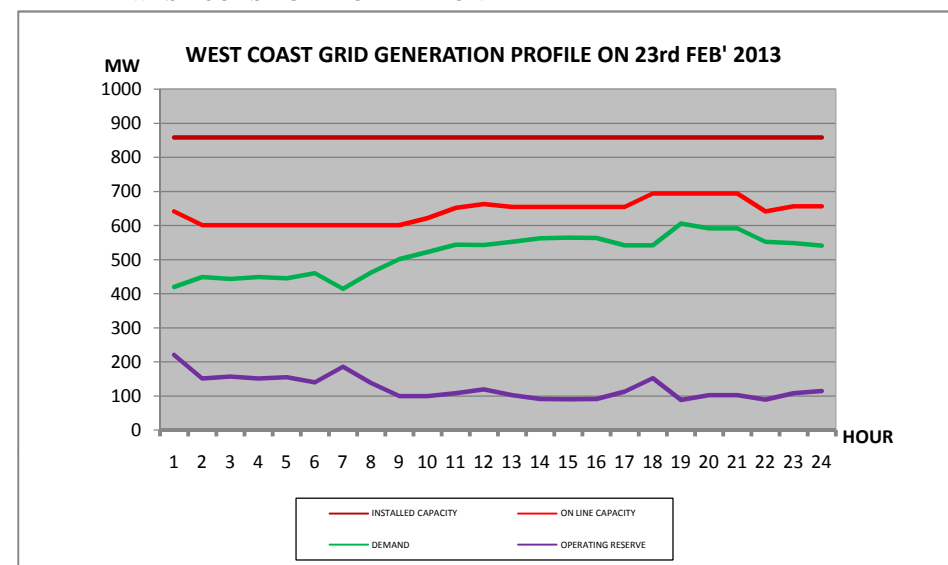
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		152.5	80	68	56	56	56	56	83	132.5	182.5	185.5	185.5	175	175	175	175	160	185.5	196.5	196.5	179.5	173.5	160	100
DEMAND		205.94	194.11	187.45	185.95	187.52	191.55	180.2	199.74	226.4	236.3	243.51	239.81	233.16	250.87	252.01	248.07	238.06	244.67	268.39	264.48	261.52	252.66	242.03	220.06
OPERATING RESERVE		-53.44	-114.11	-119.45	-129.95	-131.52	-135.55	-124.2	-116.74	-93.9	-53.8	-58.01	-54.31	-58.16	-75.87	-77.01	-73.07	-78.06	-59.17	-71.89	-67.98	-82.02	-79.16	-82.03	-120.06
East Cost		18256.4	10040.4	8627.86	7389.56	7467.32	7594.59	7238.83	9975.63	14675.9	21073.3	21169.3	21405	19448.3	19365.1	19506.2	19095.4	17953.7	20357.7	21592.3	21616.8	19809.2	19543.4	17255	11114

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		641.5	601	601	601	601	601	601	601	601	622	652	663	655	655	655	655	655	694.5	694.5	694.5	694.5	641.5	656.5	656.5
DEMAND		420.5	449.6	443.4	449.2	445.7	460.5	414.5	462.4	501.4	522.4	544	543	552.1	563.2	564.6	563.4	541.9	541.9	605.9	591.5	591.4	552.2	548.3	541.5
OPERATING RESERVE		221	151.4	157.6	151.8	155.3	140.5	186.5	138.6	99.6	99.6	108	120	102.9	91.8	90.4	91.6	113.1	152.6	88.6	103	103.1	89.3	108.2	115
West Cost		36036.9	34353.3	33801.7	33751.3	33439.4	34234.4	31054	34696.3	37103.2	39727.3	41832.8	42386.9	42152.9	43064.3	43169.9	43102.2	41536.8	43189.1	47395	46488.8	46468.3	41892.9	42057.7	41568.8

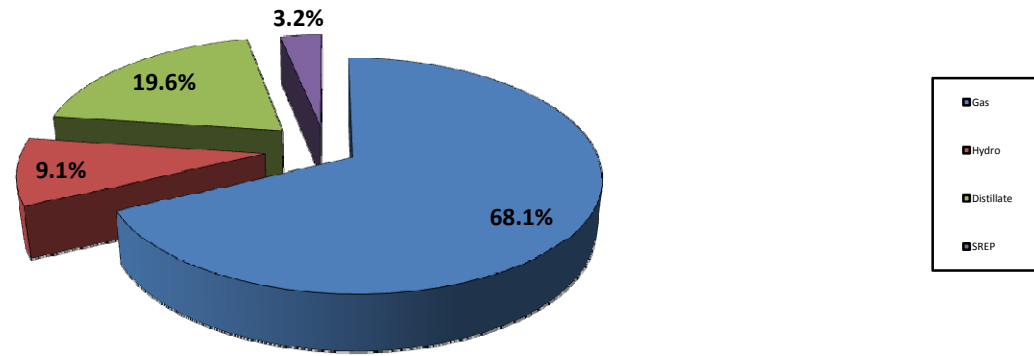
WEST COAST GRID OPERATION



Generation Mix Profile for 23rd February 2013

Gas	10,198 MWh
Hydro	1,358 MWh
Distillate	2,942 MWh
SREP	481 MWh

Daily Generation Mix Profile for 23rd FEB' 2013



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,203.30 MWh	2,261.90 MWh	1,338.00 MWh	- MWh
IPP	1,738.90 MWh	7,936.00 MWh	20.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	480.70 MWh
TOTAL	2,942.20 MWh	10,197.90 MWh	1,358.40 MWh	480.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	15%	9%	0%
IPP	12%	53%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	14,979.20			

DIST (IPP)	12%
DIST (SESB)	8%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	53%
HYDRO (SESB)	9%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 23rd FEB' 2013

