

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (25th FEB' 2013)	815 MW	775 MW	-4.94%
Maximum Energy (25th FEB' 2013)	17.6 MW	15.2 GWh	-13.64%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

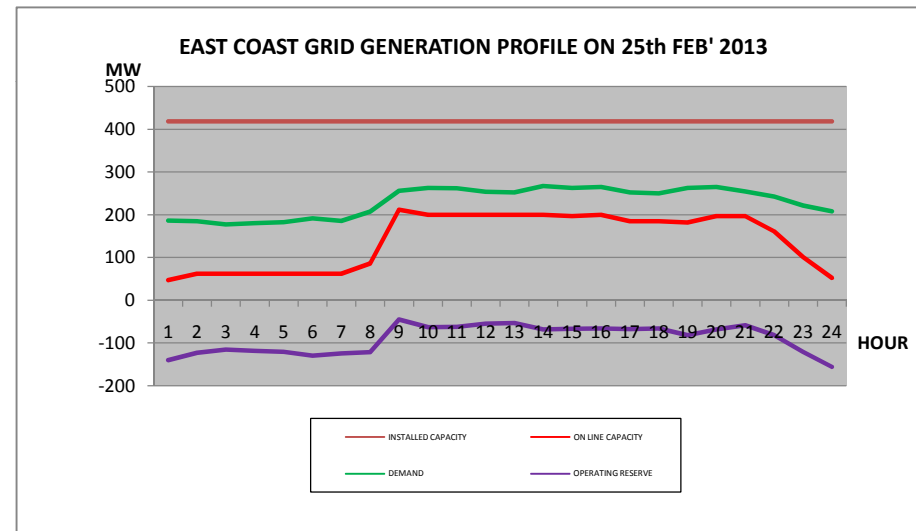
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

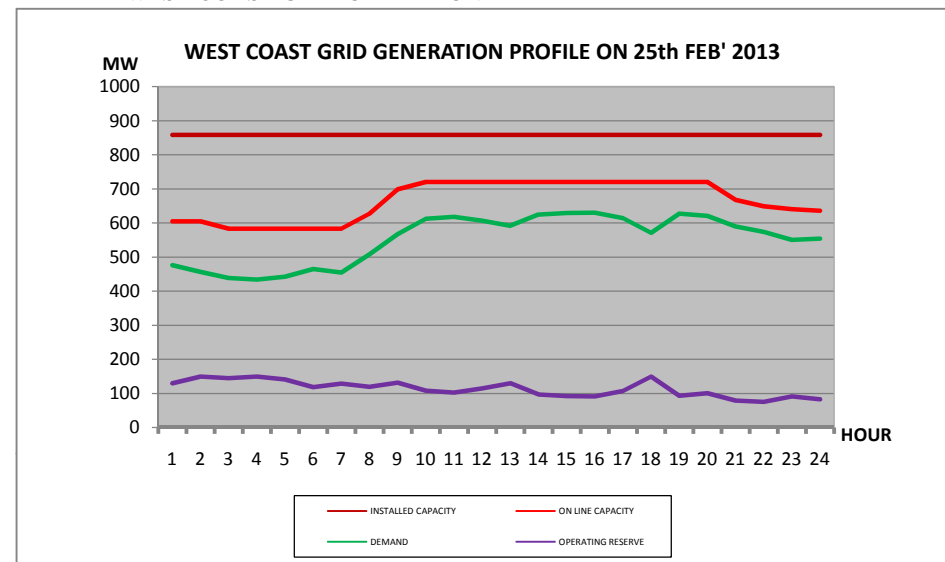
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		47	62	62	62	62	62	62	86	211.5	199.5	199.5	199.5	199.5	199.5	196.5	199.5	184.5	184.5	181.5	196.5	196.5	161	101	52
DEMAND		186.7	184.71	177.45	180.56	182.35	191.56	185.87	207.3	256.15	262.51	261.49	253.62	252.44	267.08	262.69	265.01	251.79	250.22	262.73	264.53	254.69	242.27	221.74	207.72
OPERATING RESERVE		-139.7	-122.71	-115.45	-118.56	-120.35	-129.56	-123.87	-121.3	-44.65	-63.01	-61.99	-54.12	-52.94	-67.58	-66.19	-65.51	-67.29	-65.72	-81.23	-68.03	-58.19	-81.27	-120.74	-155.72
East Cost		6003.33	7068.86	6530.84	7280.67	7571.98	7786.34	7605.12	10329.1	21174.2	22157.1	22412.2	22029.8	22105.1	22067.3	21841.4	20924.7	19122.3	19704.1	20211.3	19612.6	19918.4	16021.1	10859.6	5731.82

EAST COAST GRID OPERATION



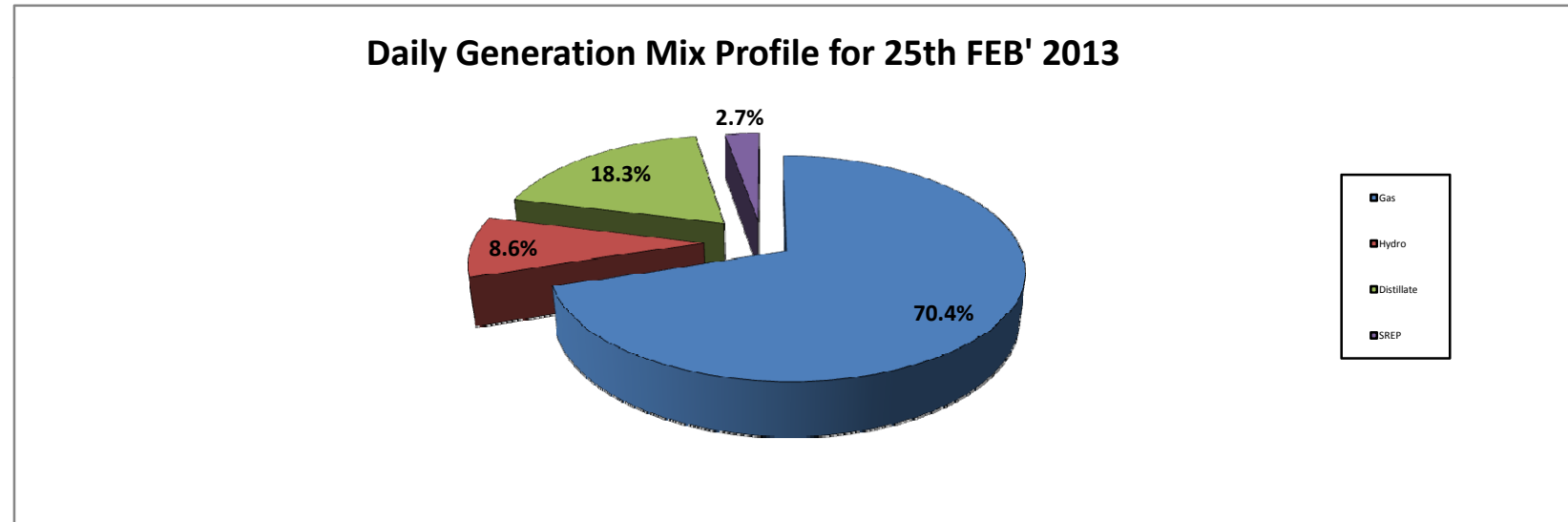
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		604.5	604.5	582.5	582.5	582.5	582.5	582.5	626.5	698	720	720	720	720	720	720	720	720	720	720	720	667	648	639.5	635
DEMAND		475.6	455.6	438.5	433.4	442	464.3	454.2	507.4	567	612.1	617.8	606.3	591.2	623.9	628.9	629.6	613.6	570.9	627.2	620	588.8	573.5	549.4	553.4
OPERATING RESERVE		128.9	148.9	144	149.1	140.5	118.2	128.3	119.1	131	107.9	102.2	113.7	128.8	96.1	91.1	90.4	106.4	149.1	92.8	100	78.2	74.5	90.1	81.6
West Cost		34614.6	33501.3	33898.9	33689.4	34353.4	35659.1	34888.3	35231.4	42230.1	46967.6	47073.5	46255.2	45547.9	47657.2	48131.5	48159.1	46842.3	44399.9	48491	47839.5	43901.4	41527.6	39190.6	39271.1

WEST COAST GRID OPERATION



Generation Mix Profile for 25th February 2013

Gas	11,052 MWh
Hydro	1,346 MWh
Distillate	2,880 MWh
SREP	431 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,275.20 MWh	1,923.70 MWh	1,322.00 MWh	- MWh
IPP	1,605.00 MWh	9,128.40 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	431.40 MWh
TOTAL	2,880.20 MWh	11,052.10 MWh	1,346.00 MWh	431.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	12%	8%	0%
IPP	10%	58%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,709.70			

DIST (IPP)	10%
DIST (SESB)	8%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	58%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

