

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (29th JAN' 2013)	800 MW	773 MW	-3.39%
Maximum Energy (29th JAN 2013)	16.8 MW	15.5 GWh	-7.74%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

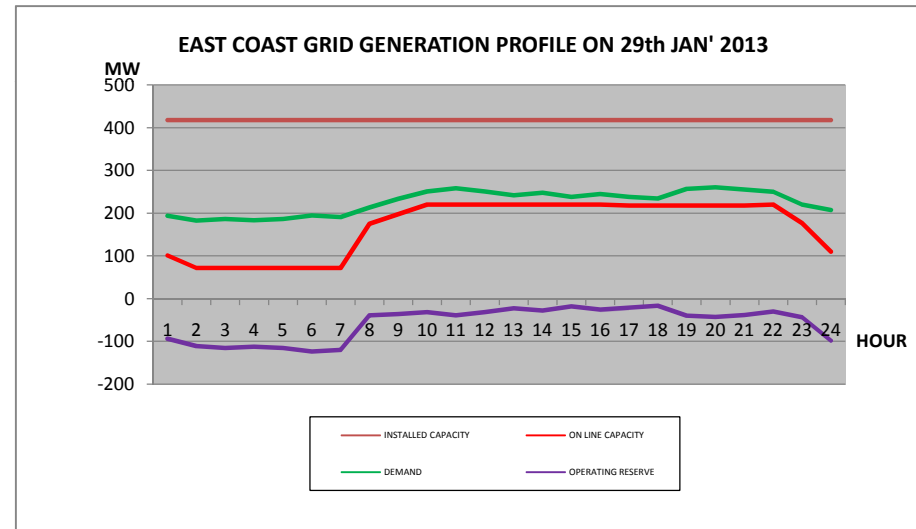
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

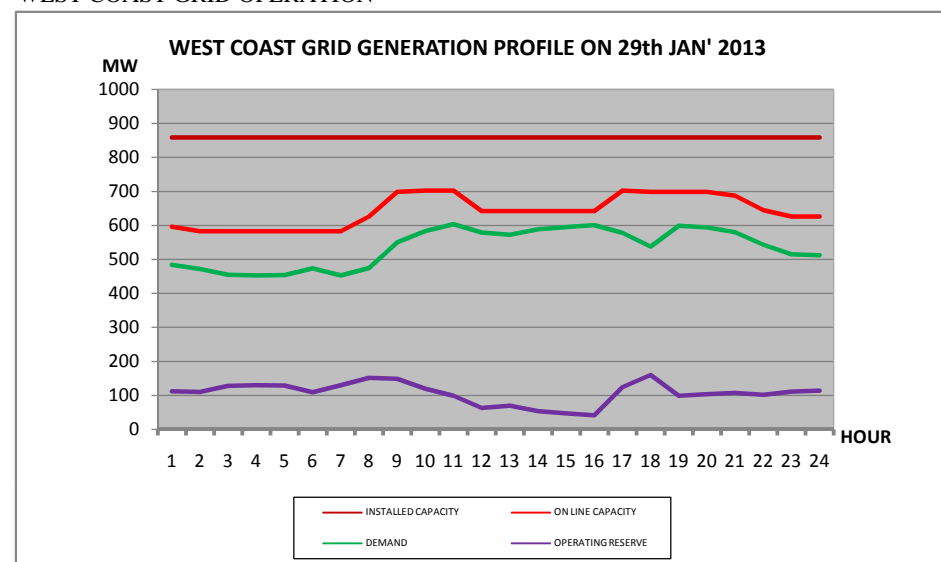
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		101	72	72	72	72	72	72	175	197.5	219.7	219.7	219.7	219.7	219.7	219.7	219.7	217.7	217.7	217.7	217.7	220	177	110	
<b>DEMAND</b>		194.37	182.93	186.77	183.84	186.69	195.23	191.41	213.87	233.8	251.19	258.39	251.2	242.24	247.8	238.11	245.26	238.5	234.34	257.12	260.64	255.76	250.39	220.45	207.61
<b>OPERATING RESERVE</b>		-93.37	-110.93	-114.77	-111.84	-114.69	-123.23	-119.41	-38.87	-36.3	-31.49	-38.69	-31.5	-22.54	-28.1	-18.41	-25.56	-20.8	-16.64	-39.42	-42.94	-38.06	-30.39	-43.45	-97.61
East Cost		11277.6	7891.75	9677.76	9754.61	9923.42	9883.28	9821.97	19127.2	23367.3	25928.9	26691.2	27769.2	25777.3	28139	27955.9	27751.2	25515.2	24390.6	25308.8	26241.2	26186.7	25141.7	19092.6	13398.9

EAST COAST GRID OPERATION



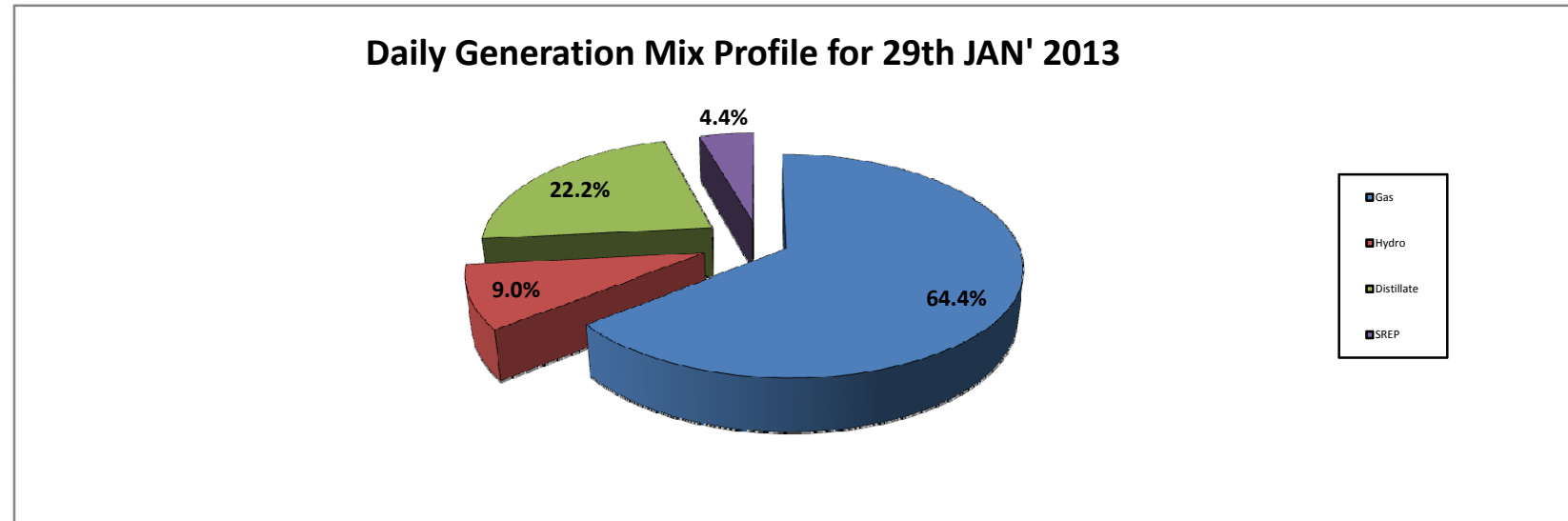
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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
<b>ON LINE CAPACITY</b>		595.5	582.5	582.5	582.5	582.5	582.5	582.5	626	698.6	702.2	702.2	642.2	642.2	642.2	642.2	642.2	702.2	698	698	698	687	645	626	626
<b>DEMAND</b>		483.5	472	454.5	453.1	453.6	473.2	452.9	474.6	549.85	583.05	603.45	578.85	572.15	588.85	594.95	600.85	577.95	538	599.2	594.5	580.1	543.4	515	512.4
<b>OPERATING RESERVE</b>		112	110.5	128	129.4	128.9	109.3	129.6	151.4	148.75	119.15	98.75	63.35	70.05	53.35	47.25	41.35	124.25	160	98.8	103.5	106.9	101.6	111	113.6
West Cost		38768.7	37194.9	35909.6	35850.5	35746.2	37590.9	35965.8	37922.8	45944.7	48452.7	49653.9	46467	45889.4	47223.4	47911.9	48458.9	49644.4	45056	48798.9	48333.7	46778.8	43424.5	39964.1	39714.1

WEST COAST GRID OPERATION



**Generation Mix Profile for 29th January 2013**

Gas	10,233 MWh
Hydro	1,434 MWh
Distillate	3,531 MWh
SREP	703 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,770.95 MWh	2,359.30 MWh	1,338.00 MWh	- MWh
IPP	1,760.40 MWh	7,873.70 MWh	96.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	703.17 MWh
<b>TOTAL</b>	<b>3,531.35 MWh</b>	<b>10,233.00 MWh</b>	<b>1,434.10 MWh</b>	<b>703.17 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	15%	8%	0%
IPP	11%	50%	1%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,901.62			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	15%
GAS (IPP)	50%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

