

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (30th JAN' 2013)	800 MW	778 MW	-2.72%
Maximum Energy (30th JAN 2013)	16.8 MW	15.6 GWh	-7.14%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

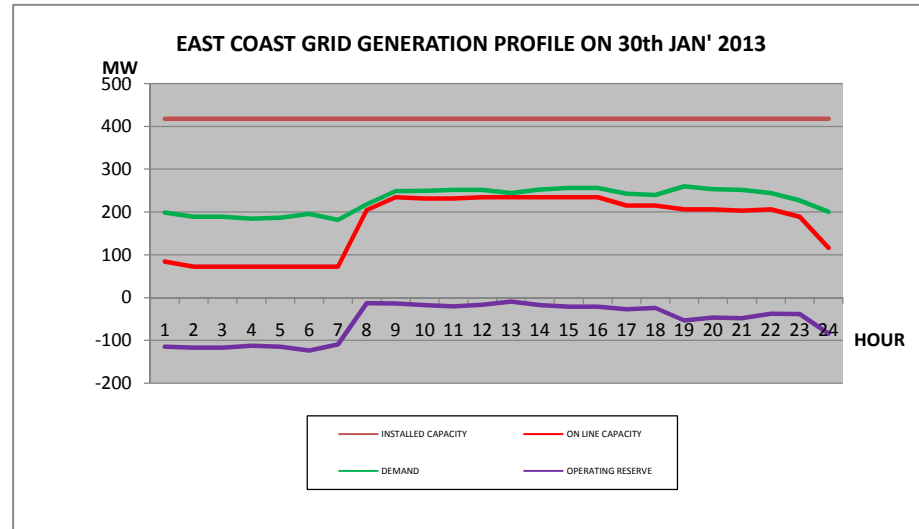
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

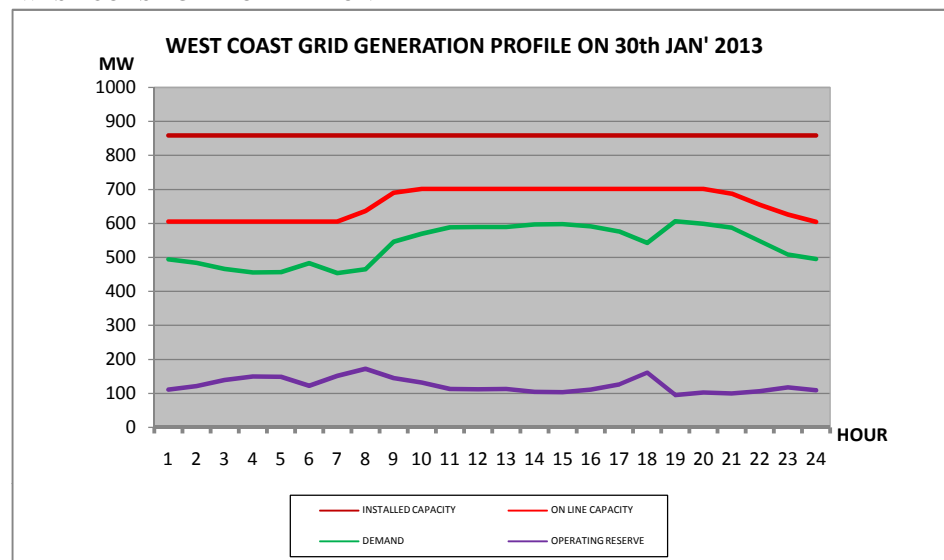
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		84	72	72	72	72	72	72	205	234.7	231.7	231.7	234.7	234.7	234.7	234.7	234.7	215.5	215.5	206.5	206.5	203.5	206.5	189	116
DEMAND		198.61	189.2	189.19	184.51	186.74	195.78	181.45	218.35	248.78	249.23	252	251.52	244.02	252.3	256.12	255.93	242.82	239.77	259.88	253.37	251.69	244.05	227.27	200.05
OPERATING RESERVE		-114.61	-117.2	-117.19	-112.51	-114.74	-123.78	-109.45	-13.35	-14.08	-17.53	-20.3	-16.82	-9.32	-17.6	-21.42	-21.23	-27.32	-24.27	-53.38	-46.87	-48.19	-37.55	-38.27	-84.05
East Cost		10940.4	9589.22	9798.1	9850.02	9957.92	9919.03	9845.09	22487.9	25964.1	28473.9	29057.9	27984.1	25678.4	28655	28620.1	28368.3	23919	23857.8	25709.3	24728.9	25113.9	23912.6	22999	14535.7

EAST COAST GRID OPERATION



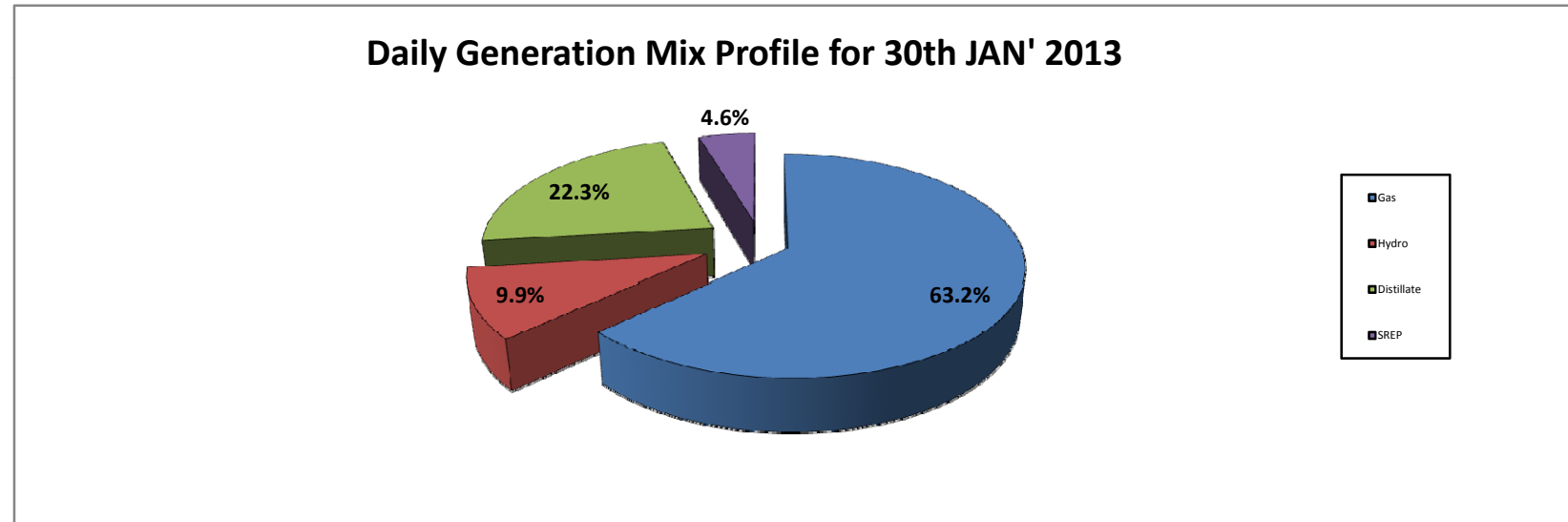
WEST COAST GRID																										
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	
INSTALLED CAPACITY		858.5	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		604.5	604.5	604.5	604.5	604.5	604.5	604.5	636.5	690	701.6	701.6	701.6	701.6	701.6	701.6	701.6	701.6	701.6	701.6	701.6	701.6	687	654	626	604
DEMAND		493.5	483.1	465.8	455.3	456.4	482.8	453.2	465	545.5	569.7	588.6	589.9	589	597.2	598.1	591.1	576	541.7	606.5	599.2	587.2	547.5	508.1	494.7	
OPERATING RESERVE		111	121.4	138.7	149.2	148.1	121.7	151.3	171.5	144.5	131.9	113	111.7	112.6	104.4	103.5	110.5	125.6	159.9	95.1	102.4	99.8	106.5	117.9	109.3	
West Cost		37261	36585.6	35121.7	34399.5	34283.2	36055.3	34353.1	37140.9	43883.5	46809.8	48105.5	48226.1	48064.9	49105.4	49127.4	48369.5	47967.4	45362.1	49827.7	49041.1	47476.8	45902.1	39027.8	39041.2	

WEST COAST GRID OPERATION



Generation Mix Profile for 30th January 2013

Gas	10,119 MWh
Hydro	1,586 MWh
Distillate	3,570 MWh
SREP	732 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,772.30 MWh	2,314.00 MWh	1,502.00 MWh	- MWh
IPP	1,797.70 MWh	7,804.70 MWh	84.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	732.20 MWh
TOTAL	3,570.00 MWh	10,118.70 MWh	1,586.10 MWh	732.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	14%	9%	0%
IPP	11%	49%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	16,007.00			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	5%
GAS (SESB)	14%
GAS (IPP)	49%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

