

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (21st MARCH' 2013)	850 MW	840 MW	-1.24%
Maximum Energy (21st MARCH' 2013)	17.4 MW	16.5 GWh	-5.17%
Maximum Demand (record high 18th MARCH' 2013)	840 MW	846 MW	0.65%

Prepared by:

Electricity Market Operations

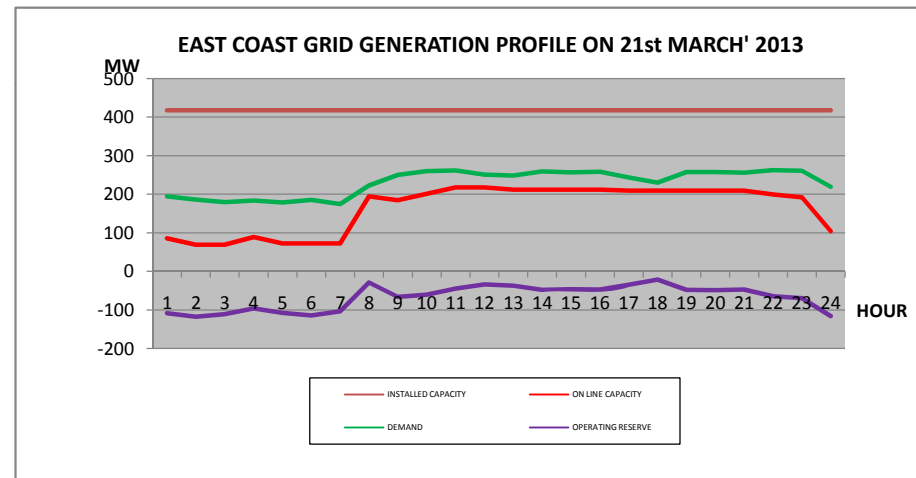
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

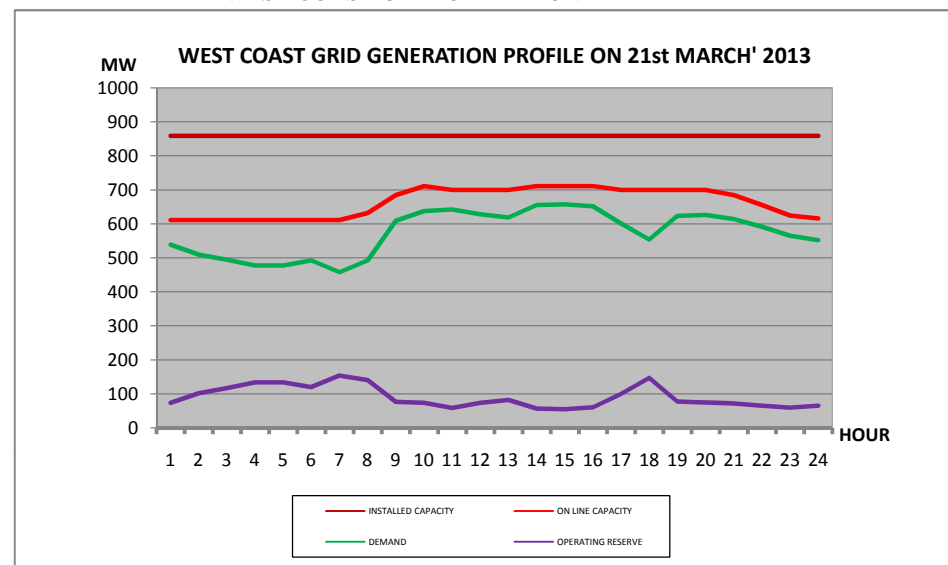
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		86	69	69	89	72	72	72	194.5	184.5	200.5	217.5	217.5	211.5	211.5	211.5	211.5	209.5	209.5	209.5	209.5	209.5	199	192	104
DEMAND		194.52	186.23	179.54	184.37	179.16	185.87	174.81	223.4	250.84	260.41	262.05	251.6	248.54	259.3	257.5	258.8	243.67	230.85	257.7	258.38	256.43	263.02	261.15	219.78
OPERATING RESERVE		-108.52	-117.23	-110.54	-95.37	-107.16	-113.87	-102.81	-28.9	-66.34	-59.91	-44.55	-34.1	-37.04	-47.8	-46	-47.3	-34.17	-21.35	-48.2	-48.88	-46.93	-64.02	-69.15	-115.78
East Cost		11930.1	10306	10280.7	14406.2	12643.2	12790.6	12763.6	25083.3	24547.4	27515.9	30079.1	28651.3	29296.5	27922	28992.6	29809.3	28152.8	26066.1	28852	28700.5	28558.4	23823.5	22770	13748.7

EAST COAST GRID OPERATION



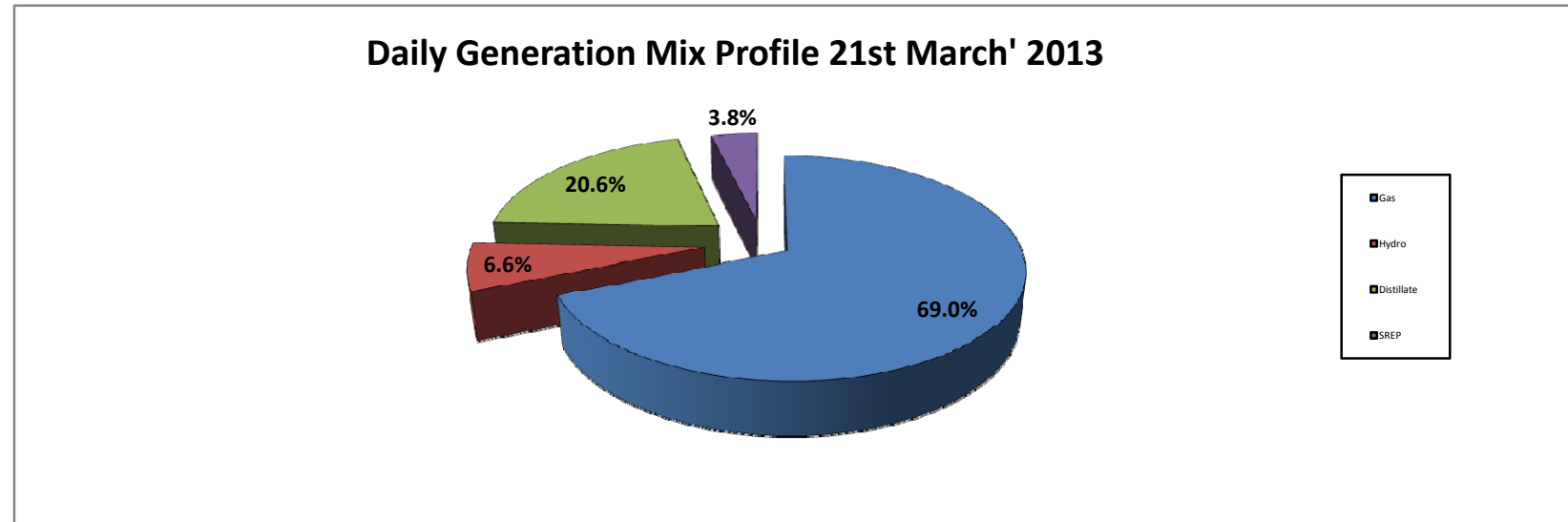
WEST COAST GRID																										
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	
INSTALLED CAPACITY		858.5	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		611	611	611	611	611	611	611	632	685	711.2	700.2	700.2	700.2	711.2	711.2	711.2	700.2	700.2	700.2	700.2	700.2	685	655	624	615.5
DEMAND		538.4	509.4	495	477.7	478	492.3	457.9	492.4	609.5	637.85	642.45	627.65	618.55	654.85	657.15	651.65	600.65	554.15	623.55	626.05	613.6	591	565	551.5	
OPERATING RESERVE		72.6	101.6	116	133.3	133	118.7	153.1	139.6	75.5	73.35	57.75	72.55	81.65	56.35	54.05	59.55	99.55	146.05	76.65	74.15	71.4	64	59	64	
West Cost		38755.1	37024.5	36217.5	34857.7	34881.4	36049.8	33586.3	37079.9	46878.2	50467.6	50463.8	49262.1	48872.5	51689.6	51938.3	51414.6	47998.1	44834.4	49591.3	49516	47699.5	44899.2	41490.1	40060	

WEST COAST GRID OPERATION



Generation Mix Profile for 21st March 2013

Gas	11,594 MWh
Hydro	1,109 MWh
Distillate	3,464 MWh
SREP	637 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,878.95 MWh	1,459.50 MWh	1,092.00 MWh	- MWh
IPP	1,584.70 MWh	10,134.20 MWh	16.80 MWh	- MWh
SREP	- MWh	- MWh	MWh	637.00 MWh
TOTAL	3,463.65 MWh	11,593.70 MWh	1,108.80 MWh	637.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	9%	6%	0%
IPP	9%	60%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,803.15			

DIST (IPP)	9%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	60%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

