

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (22nd JAN' 2013)	800 MW	790 MW	-1.22%
Maximum Energy (22nd JAN 2013)	16.7 MW	15.2 GWh	-8.98%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

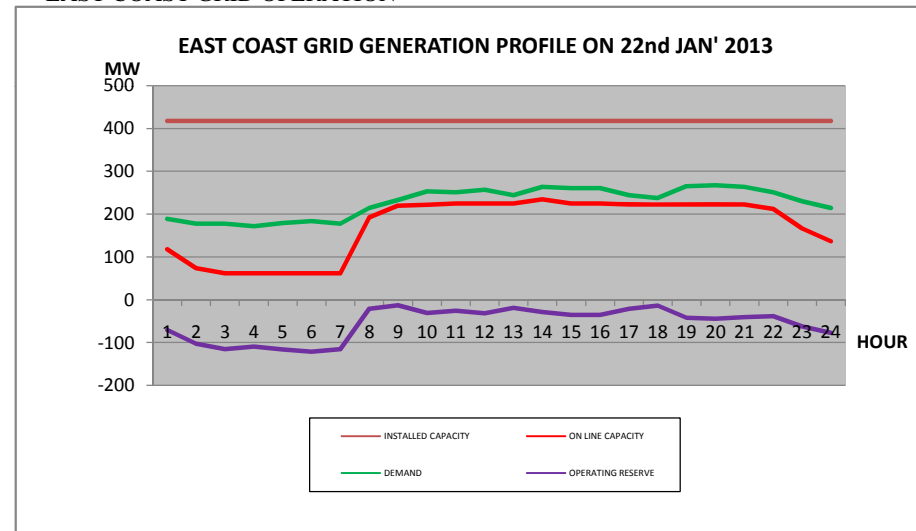
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

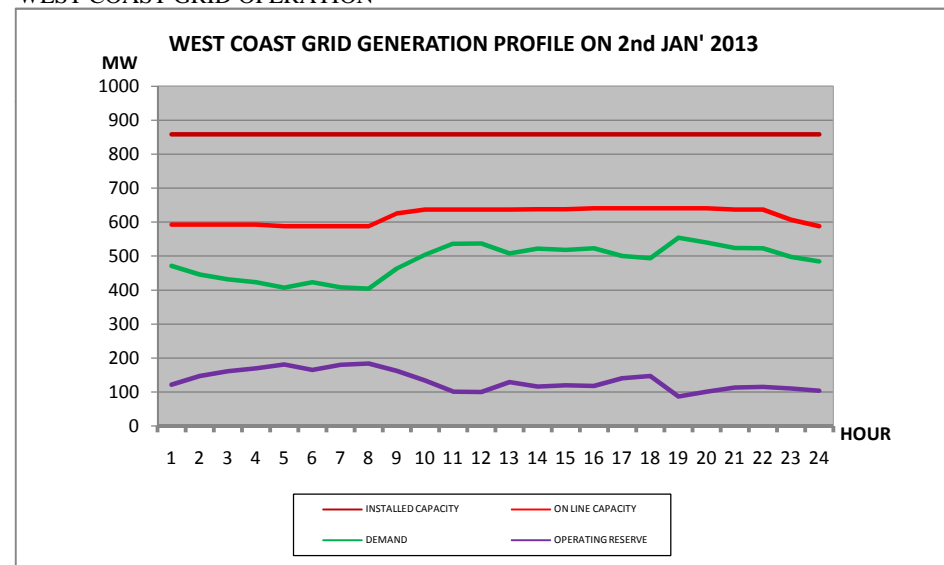
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		118	74	62	62	62	62	62	192	219.7	221.7	224.7	224.7	224.7	234.7	224.7	224.7	222.7	222.7	222.7	222.7	212.2	167	137	
DEMAND		188.85	177.15	177.48	171.26	178.45	183.41	177.2	213.69	233.09	253.2	250.65	256.94	244.08	263.44	260.64	260.73	244.3	237.11	265.09	267.34	263.79	250.62	229.77	214.27
OPERATING RESERVE		-70.85	-103.15	-115.48	-109.26	-116.45	-121.41	-115.2	-21.69	-13.39	-31.5	-25.95	-32.24	-19.38	-28.74	-35.94	-36.03	-21.5999	-14.41	-42.39	-44.64	-41.09	-38.42	-62.77	-77.27
East Cost		13820.8	9016.81	7802.57	7362.85	7908	8010.51	7972.31	20264.8	24093.9	26126.5	27984.1	27190.1	29721	28093.7	27606.3	27001.5	24796.9	25291.5	25446.9	24862.5	24897.8	23064.4	18572.5	14988.3

EAST COAST GRID OPERATION



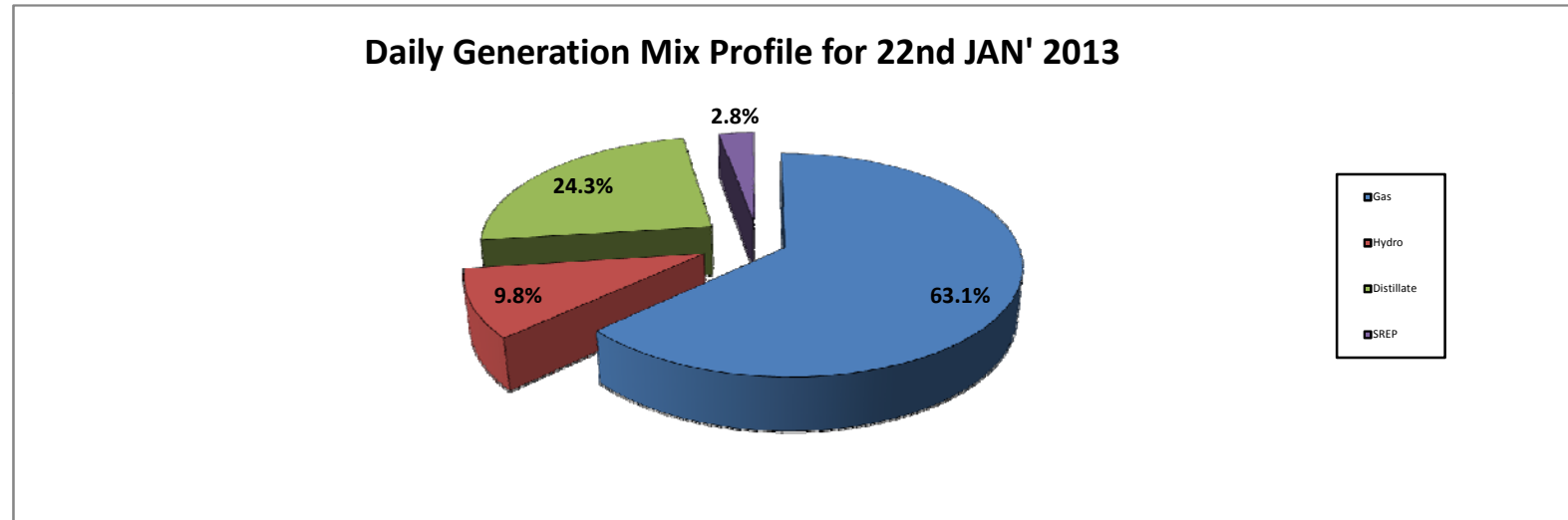
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		593	593	593	593	588.5	588.5	588.5	588.5	626.5	637.5	637.5	637.5	637.5	638.6	638.6	641.1	641.1	641.1	641.1	641.1	637.5	637.5	607.5	588.5
DEMAND		471.5	446	432	423.3	407.3	423.2	408.9	404.7	464.3	503.9	536.7	537.6	508.5	522.3	518.5	523.6	500.8	494.1	554.2	540	524.3	522.8	497.5	485
OPERATING RESERVE		121.5	147	161	169.7	181.2	165.3	179.6	183.8	162.2	133.6	100.8	99.9	129	116.3	120.1	117.5	140.3	147	86.9	101.1	113.2	114.7	110	103.5
West Cost		37634	35250	34182	33446	33624	34560	32461	32742	38544	42531	45263	45116	42691	44016	43623	44339	42379	41747	46778	46044	44128	43969	40810	38772

WEST COAST GRID OPERATION



Generation Mix Profile for 22nd January 2013

Gas	9,914 MWh
Hydro	1,545 MWh
Distillate	3,812 MWh
SREP	443 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,852.85 MWh	1,871.10 MWh	1,481.00 MWh	- MWh
IPP	1,959.20 MWh	8,043.20 MWh	64.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	443.40 MWh
TOTAL	3,812.05 MWh	9,914.30 MWh	1,545.00 MWh	443.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	12%	9%	0%
IPP	12%	51%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,714.75			

DIST (IPP)	12%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	51%
HYDRO (SESB)	9%
HYDRO (IPP)	0%
total	100%

