

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (22nd MARCH' 2013)	845 MW	837 MW	-0.90%
Maximum Energy (22nd MARCH' 2013)	17.9 MW	16.4 GWh	-8.38%
Maximum Demand (record high 18th MARCH' 2013)	840 MW	846 MW	0.65%

Prepared by:

Electricity Market Operations

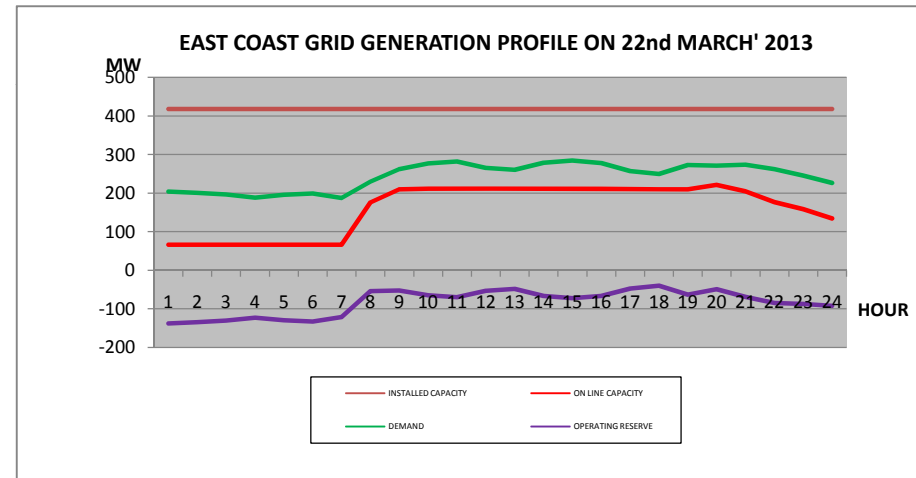
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

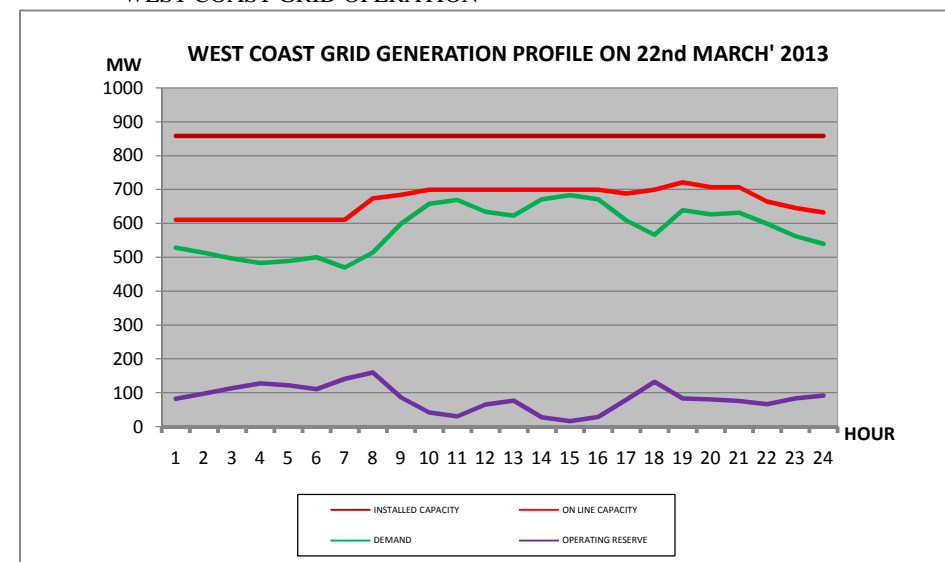
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		66	66	66	66	66	66	66	175.5	209.5	211.5	211.5	211.5	211.5	211.5	211.5	211.5	209.5	209.5	209.5	221.5	204.5	177	158	134
DEMAND		203.93	200.46	196.32	188.77	195.79	198.92	187.62	229.71	261.69	276.7	281.25	264.97	260.2	278.43	284.05	277.72	257.12	249.54	272.4	270.97	273.19	261.76	245.62	226.18
OPERATING RESERVE		-137.93	-134.46	-130.32	-122.77	-129.79	-132.92	-121.62	-54.21	-52.19	-65.2	-69.75	-53.47	-48.7	-66.93	-72.55	-66.22	-47.62	-40.04	-62.9	-49.47	-68.69	-84.76	-87.62	-92.18
East Cost		9609.47	9540.12	9584.33	9293.71	8203.53	9233.05	9543.44	20090.2	23694.9	23761	24530.3	24644.3	25292	24993.4	24778.5	25175.3	23850.1	24197.3	24227	24411	22630.3	19584.1	18164.9	14474.6

EAST COAST GRID OPERATION



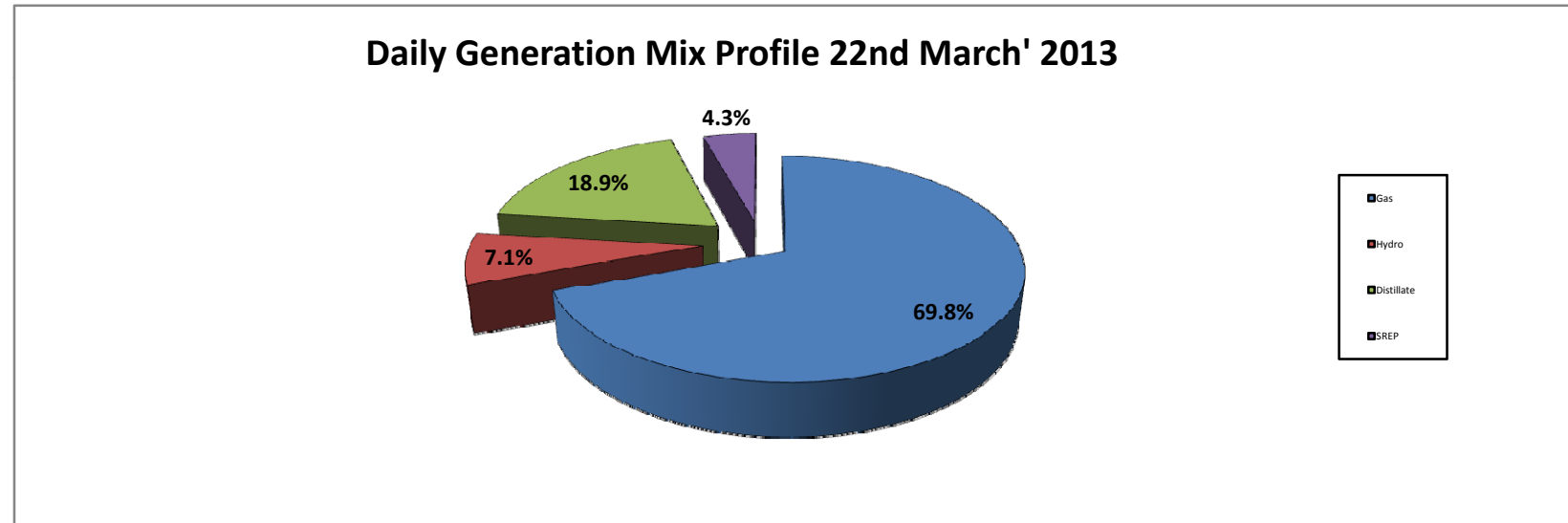
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	674	685	699.6	699.6	699.6	699.6	699.6	699.6	699.6	688.6	699.6	721.6	707	707	665	646	632.5
DEMAND		528.2	513.4	496.6	482.8	488.3	500.1	469.8	513.7	598.7	657.8	668.7	634.2	622.5	671.3	683.1	671.2	608.9	566.3	638.4	626.6	631.3	598.4	562.6	540
OPERATING RESERVE		82.8	97.6	114.4	128.2	122.7	110.9	141.2	160.3	86.3	41.8	30.9	65.4	77.1	28.3	16.5	28.4	79.7	133.3	83.2	80.4	75.7	66.6	83.4	92.5
West Cost		38261.9	37275.2	35930.9	34914.4	35322.2	36270.6	34275.7	41082.2	46209.1	51144.3	51941.3	49529.5	48800.6	52549.5	53417.5	52476.5	48561.9	45810.8	49400.9	47447	47856.2	44031.6	40353.2	39570.6

WEST COAST GRID OPERATION



Generation Mix Profile for 22nd March 2013

Gas	11,747 MWh
Hydro	1,197 MWh
Distillate	3,177 MWh
SREP	719 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,552.50 MWh	1,576.10 MWh	1,180.00 MWh	- MWh
IPP	1,624.80 MWh	10,170.70 MWh	16.80 MWh	- MWh
SREP	- MWh	- MWh	MWh	719.20 MWh
TOTAL	3,177.30 MWh	11,746.80 MWh	1,196.80 MWh	719.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	9%	7%	0%
IPP	10%	60%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,840.10			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	60%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

