

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (3rd FEB' 2013)	720 MW	731 MW	1.54%
Maximum Energy (3rd FEB' 2013)	14.9 MW	13.9 GWh	-6.71%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

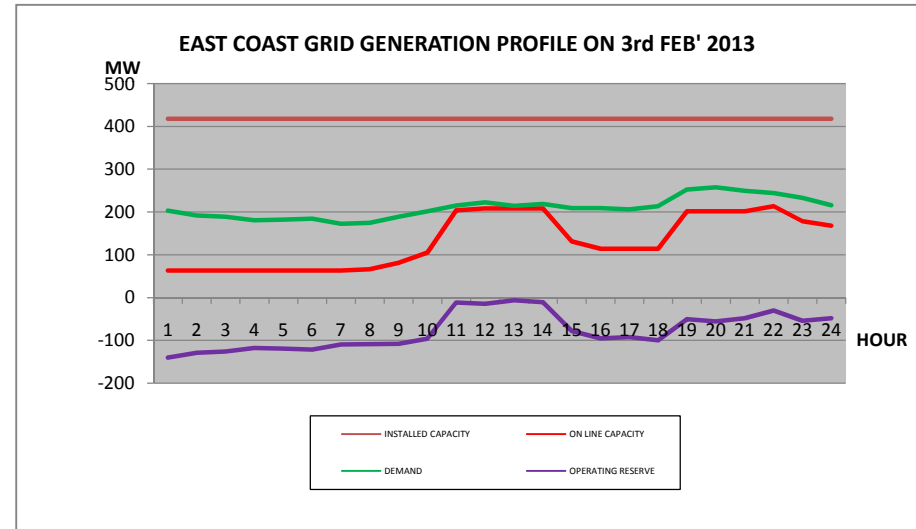
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

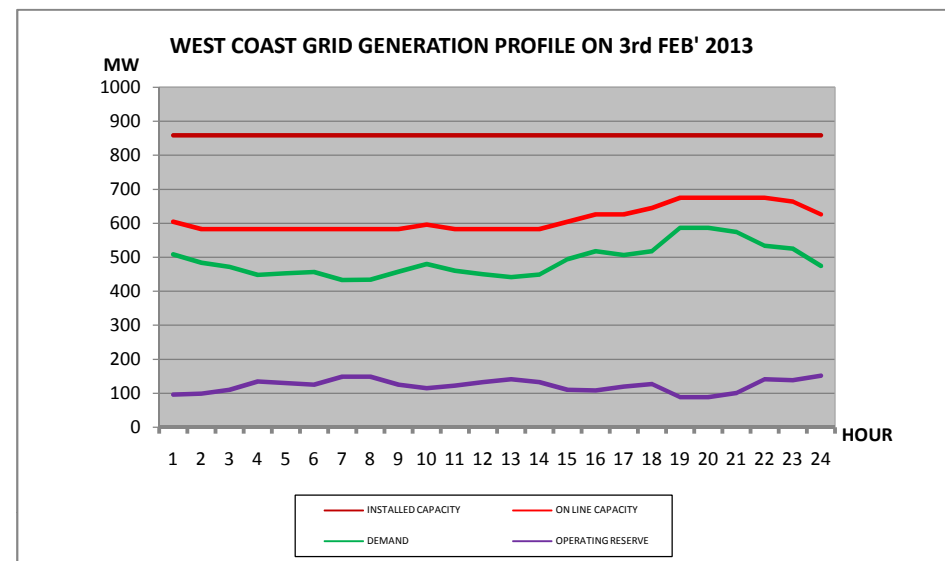
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		63	63	63	63	63	63	63	66	81	105	204	208	208	208	131	114	114	114	201.5	201.5	201.5	213.5	178.5	168
DEMAND		203.32	191.8	188.87	180.73	182.64	184.67	172.78	174.95	189.4	201.46	215.44	222.56	214.42	218.85	209.35	209.13	206.62	213.97	252.31	257.62	249.79	244.06	232.78	216.19
OPERATING RESERVE		-140.32	-128.8	-125.87	-117.73	-119.64	-121.67	-109.78	-108.95	-108.4	-96.46	-11.44	-14.56	-6.42	-10.85	-78.35	-95.13	-92.62	-99.97	-50.81	-56.12	-48.29	-30.56	-54.28	-48.19
East Cost		9306.44	9000.87	9155.69	9040.33	8588.83	8363.7	8849.06	8788.84	10396.1	12430.2	21715.7	24695.8	24549.3	24772.8	15773.6	13154.3	13444.6	13245	21987.2	22361.5	22033	23174.1	19642.3	19102.5

EAST COAST GRID OPERATION



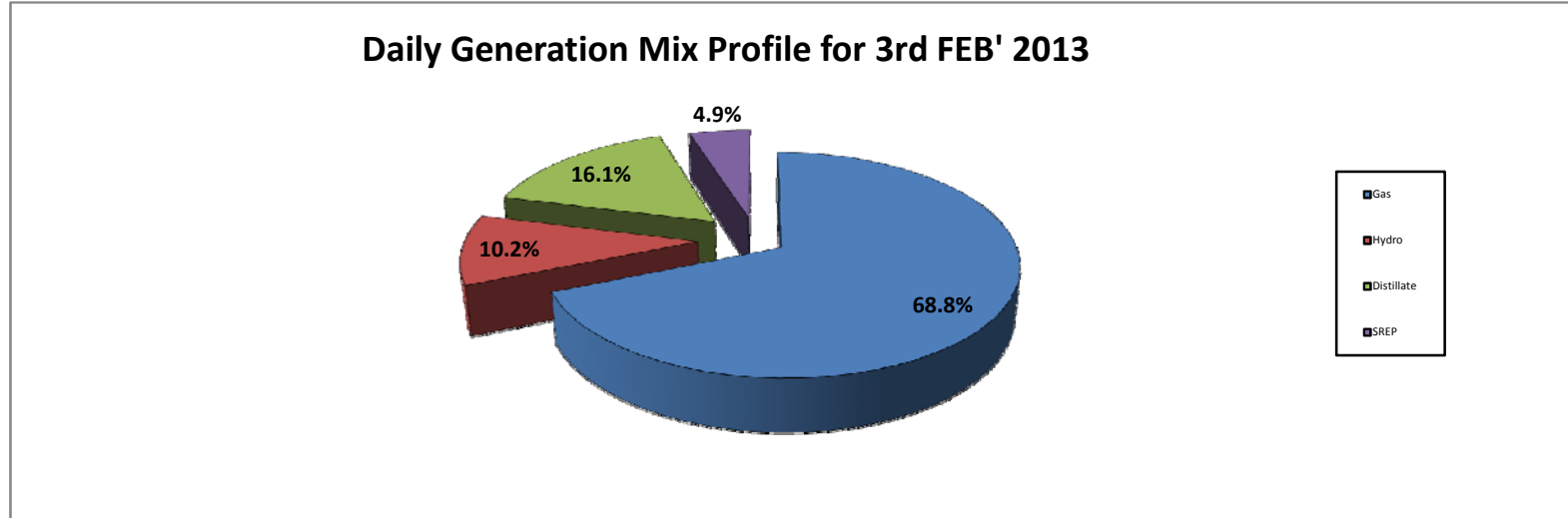
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5	595.5	582.5	582.5	582.5	582.5	604.5	626	626	645	675	675	675	675	664	626
DEMAND		507.9	483.6	471.7	448	452.4	456.8	433.1	433.6	457.3	480.3	460	449.8	441.2	449.5	494.3	517.8	506.4	517.6	586.2	585.8	574.3	533.2	524.9	474.1
OPERATING RESERVE		96.6	98.9	110.8	134.5	130.1	125.7	149.4	148.9	125.2	115.2	122.5	132.7	141.3	133	110.2	108.2	119.6	127.4	88.8	89.2	100.7	141.8	139.1	151.9
West Cost		37941.3	37524.5	36748.6	34983.4	35330	35651.5	34074.2	34265.4	35887.8	38023.3	35978.8	35071.3	34500.8	35204.1	36460.8	39454.7	38778	40857.5	46582.2	46475.7	45840.8	43132.7	42209	38073.7

WEST COAST GRID OPERATION



Generation Mix Profile for 3rd February 2013

Gas	9,751 MWh
Hydro	1,443 MWh
Distillate	2,285 MWh
SREP	699 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	907.00 MWh	2,155.60 MWh	1,323.00 MWh	- MWh
IPP	1,378.30 MWh	7,595.60 MWh	120.30 MWh	- MWh
SREP	- MWh	- MWh	- MWh	698.60 MWh
TOTAL	2,285.30 MWh	9,751.20 MWh	1,443.30 MWh	698.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	6%	15%	9%	0%
IPP	10%	54%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%

DIST (IPP)	10%
DIST (SESB)	6%
SREP	5%
GAS (SESB)	15%
GAS (IPP)	54%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

