

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (19th MARCH' 2013)	840 MW	846 MW	0.73%
Maximum Energy (19th MARCH' 2013)	17.0 MW	16.3 GWh	-4.12%
Maximum Demand (record high 18th MARCH' 2013)	840 MW	846 MW	0.65%

Prepared by:

Electricity Market Operations

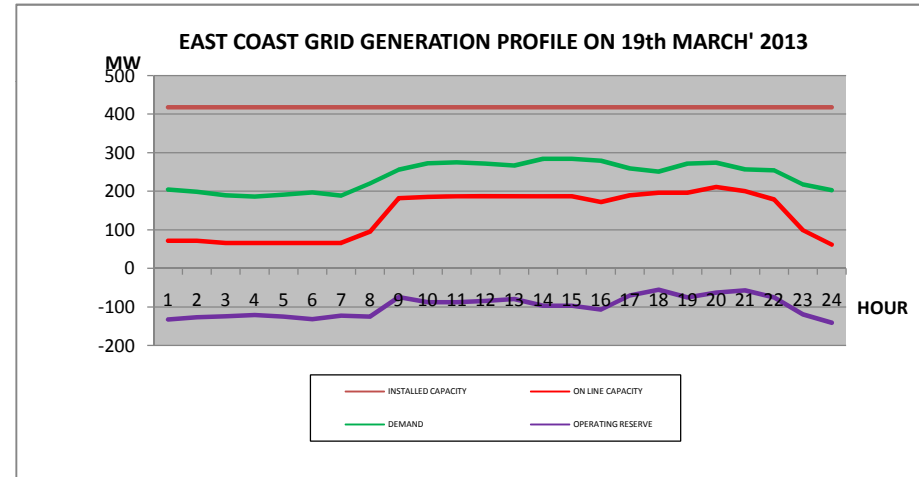
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Mar-13

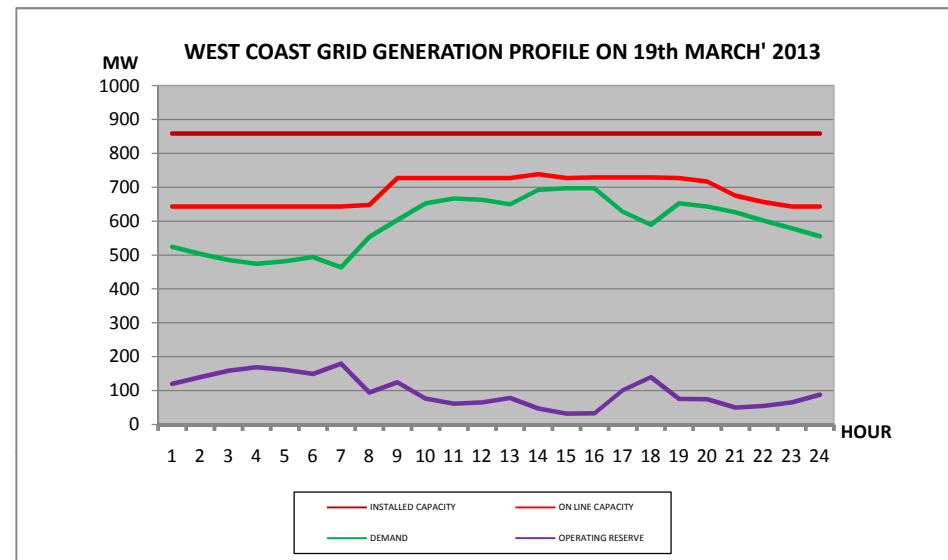
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		72	72	66	66	66	66	66	95	182.5	185.5	187.5	187.5	187.5	187.5	187.5	172.5	189.5	196.5	196.5	211.5	201	179	99	62
DEMAND		204.65	199.07	190.15	186.58	191.19	197.75	188.94	220.16	256.35	273.09	275.37	271.71	266.61	284.32	284.21	279.66	259.75	251.57	271.84	274.35	257.39	254.23	218.26	202.97
OPERATING RESERVE		-132.65	-127.07	-124.15	-120.58	-125.19	-131.75	-122.94	-125.16	-73.85	-87.59	-87.87	-84.21	-79.11	-96.82	-96.71	-107.16	-70.25	-55.07	-75.34	-62.85	-56.39	-75.23	-119.26	-140.97
East Cost		9124.03	9424.07	9264.27	9286.22	9342.62	8947.05	9216.97	11628.1	23217	23383.3	24106.3	23662.8	23384.7	23571.8	23913.6	22177.5	23816.3	22568.2	23492.4	23851.3	25123.5	22769.4	15085.8	10711.9

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		643	643	643	643	643	643	643	647.5	728	728	728	728	728	739	728	729.1	729.1	729.1	728	717	675	656	643	643
DEMAND		523.7	503.4	484.9	473.7	481.6	494.2	463.6	553.7	603.7	652.4	667	662.9	649.7	691.9	696.5	696.8	628.2	589.1	652.8	643.1	625.7	601.7	578.5	555.5
OPERATING RESERVE		119.3	139.6	158.1	169.3	161.4	148.8	179.4	93.8	124.3	75.6	61	65.1	78.3	47.1	31.5	32.3	100.9	140	75.2	73.9	49.3	54.3	64.5	87.5
West Cost		38824.7	38072.5	37029.4	36337.1	36988.5	37882.6	35580.3	41409	48519.2	51154.9	52384.1	52071.8	50968.9	54240.3	54582	54692.1	50404.4	47493.9	51870.7	50792	48289.7	45007.7	42427.6	41191.5

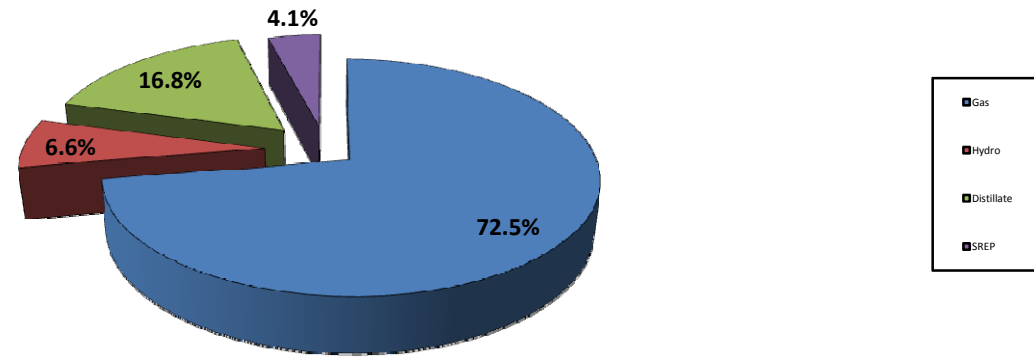
WEST COAST GRID OPERATION



Generation Mix Profile for 19th March 2013

Gas	12,176 MWh
Hydro	1,112 MWh
Distillate	2,823 MWh
SREP	687 MWh

Daily Generation Mix Profile 19th March' 2013



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,397.30 MWh	2,023.20 MWh	1,092.00 MWh	- MWh
IPP	1,425.50 MWh	10,152.30 MWh	19.80 MWh	- MWh
SREP	- MWh	- MWh	MWh	687.30 MWh
TOTAL	2,822.80 MWh	12,175.50 MWh	1,111.80 MWh	687.30 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	8%	12%	7%	0%
IPP	8%	60%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,797.40			

DIST (IPP)	8%
DIST (SESB)	8%
SREP	4%
GAS (SESB)	12%
GAS (IPP)	60%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 19th March' 2013

