

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (14th JAN' 2013)	790 MW	752 MW	-4.87%
Maximum Energy (14th JAN 2013)	15.9 MW	14.8 GWh	-6.92%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

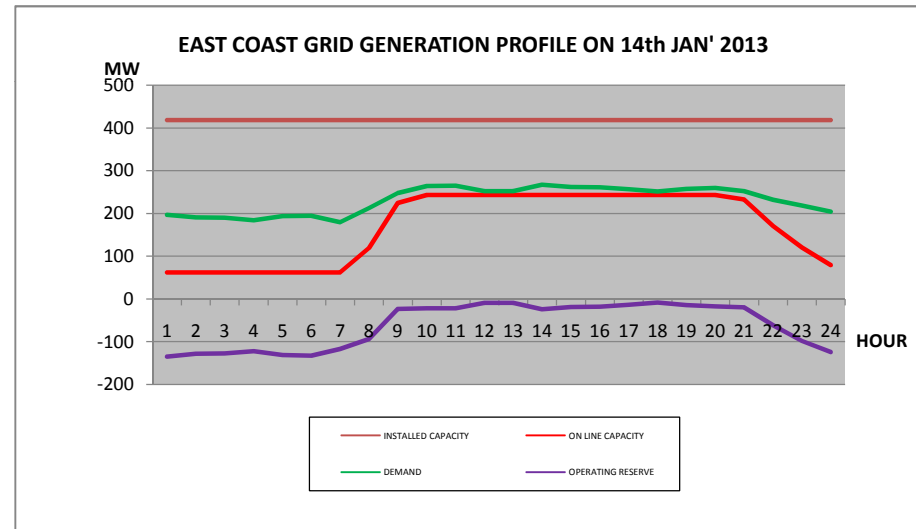
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

14-Jan-13

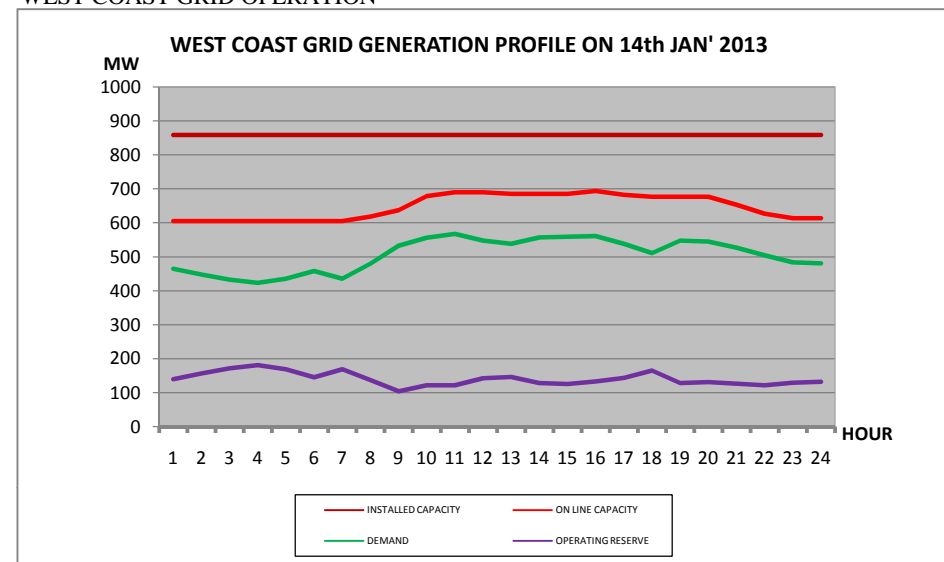
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		62	62	62	62	62	62	62	119	224.2	242.7	242.7	242.7	242.7	242.7	242.7	242.7	242.7	242.7	242.7	232.5	170	120	79	
DEMAND		196.66	190.2	189.53	183.7	193.11	194.16	179.05	212.35	247.67	264.18	264.71	251.82	251.99	266.85	261.68	260.69	256	250.94	257.06	259.62	252.15	231.66	217.93	203.56
OPERATING RESERVE		-134.66	-128.2	-127.53	-121.7	-131.11	-132.16	-117.05	-93.35	-23.47	-21.48	-22.01	-9.12	-9.29	-24.15	-18.98	-17.99	-13.3	-8.24	-14.36	-16.92	-19.65	-61.66	-97.93	-124.56
East Cost		8077.97	8124.45	8113.47	8051.21	8262	7785.12	7887.17	12490.8	21354.2	27400.8	27878.5	27882.7	26350.9	28596.2	28413.1	28133.8	26672.6	26925	28099	27510.6	25505.8	19212.7	15828.4	9761.72

EAST COAST GRID OPERATION



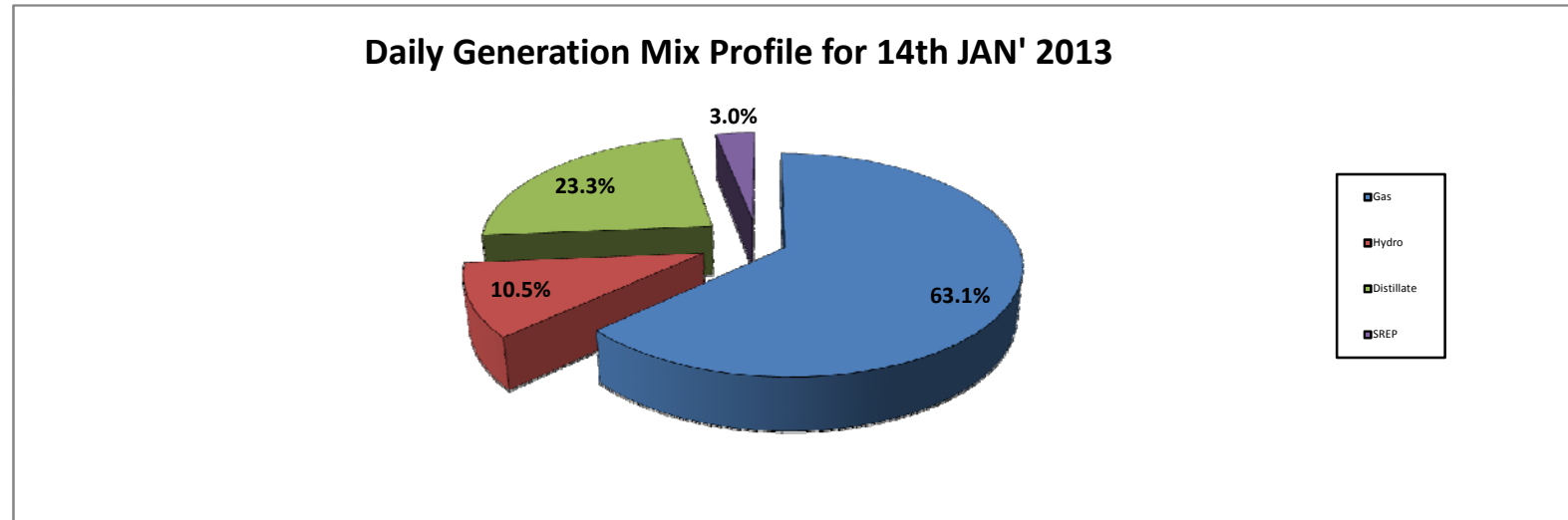
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	604.5	604.5	604.5	604.5	604.5	604.5	617.5	636.5	678.5	689.5	689.5	685	685	685	693.5	682.5	676	676	676	653	626	613	613
DEMAND		464.7	447.6	432.3	423.3	435.6	458.5	435.9	480.1	532.1	556.1	567.1	547	538.3	556.6	559.1	560.5	538.4	510.6	547.4	544.8	526.3	504.1	483.4	480.9
OPERATING RESERVE		139.8	156.9	172.2	181.2	168.9	146	168.6	137.4	104.4	122.4	122.4	142.5	146.7	128.4	125.9	133	144.1	165.4	128.6	131.2	126.7	121.9	129.6	132.1
West Cost		35120.7	33253.4	32642.4	32218.3	32890.9	34399.8	32908.5	36219	40768.1	44090.6	44748.5	43708.6	43136.8	44809.7	45132.5	45347.9	43211.1	40707.2	43474.4	43209.9	41119	37927.9	35696.5	35592.7

WEST COAST GRID OPERATION



Generation Mix Profile for 14th January 2013

Gas	9,621 MWh
Hydro	1,604 MWh
Distillate	3,560 MWh
SREP	462 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,672.40 MWh	1,894.70 MWh	1,527.00 MWh	- MWh
IPP	1,887.30 MWh	7,726.70 MWh	77.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	462.00 MWh
TOTAL	3,559.70 MWh	9,621.40 MWh	1,604.40 MWh	462.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	12%	10%	0%
IPP	12%	51%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,247.50			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	51%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

