

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (31st JAN' 2013)	800 MW	762 MW	-4.75%
Maximum Energy (31st JAN 2013)	16.8 MW	15.4 GWh	-8.33%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

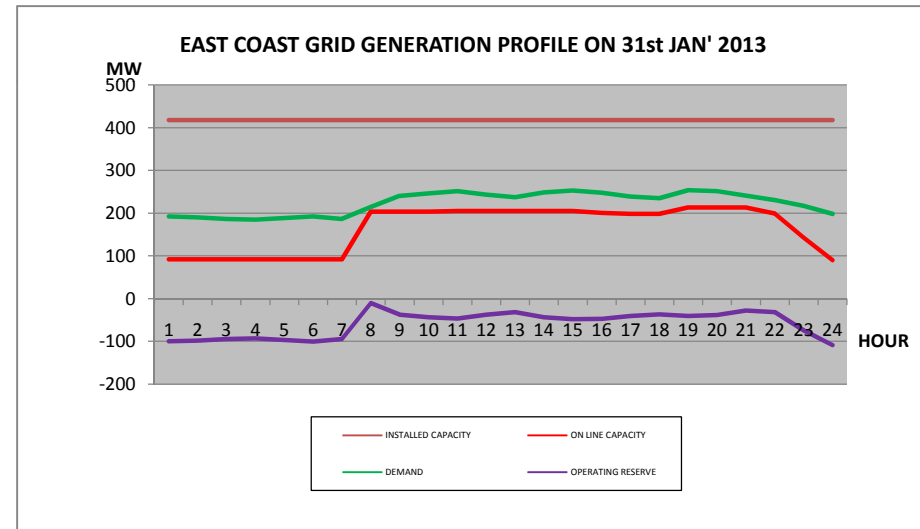
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

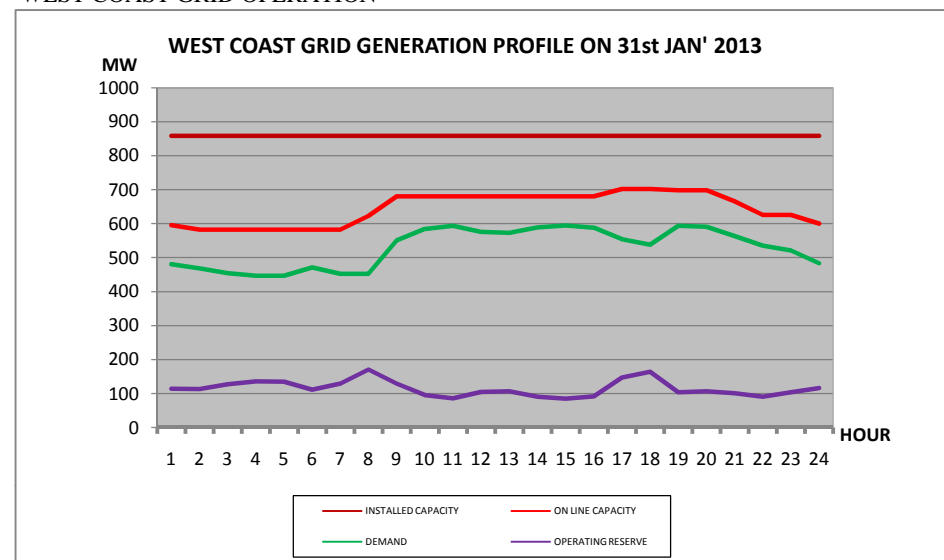
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		92	92	92	92	92	92	92	203.5	203.5	203.5	205.5	205.5	205.5	205.5	205.5	200.5	198.5	198.5	213.5	213.5	213.5	199	143	90
DEMAND		191.9	190.26	186.38	184.72	188.61	192.6	186.42	213.91	240.74	246.72	251.98	243.16	237.15	248.79	253.47	247.62	239.02	235	253.92	251.65	241.37	230.72	216.84	198.54
OPERATING RESERVE		-99.9	-98.26	-94.38	-92.72	-96.61	-100.6	-94.42	-10.41	-37.24	-43.22	-46.48	-37.66	-31.65	-43.29	-47.97	-47.12	-40.52	-36.5	-40.42	-38.15	-27.87	-31.72	-73.84	-108.54
East Cost		12156.5	12097.4	12125	12020.4	12250.6	11826	11390.6	23630.5	24655.2	24489.8	27308.3	26793	25147.9	27183.4	27569.7	26794.8	25498.8	23994.8	24610.7	23645	24578.8	21554.4	16515.5	12035.2

EAST COAST GRID OPERATION



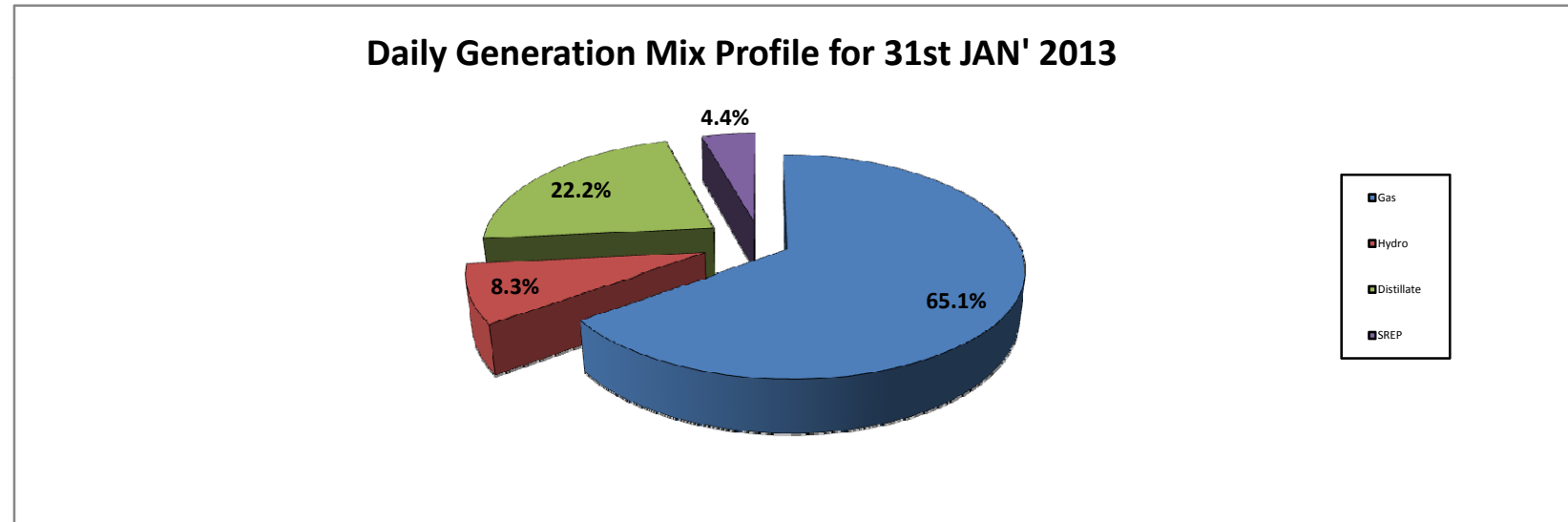
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		595.5	582.5	582.5	582.5	582.5	582.5	582.5	623	680.2	680.2	680.2	680.2	680.2	680.2	680.2	680.2	702.2	702.2	698	698	665	626	626	600
DEMAND		481.2	469	454.6	447	447.3	471.1	452.9	452.5	550.45	584.75	594.35	575.65	573.35	589.45	594.85	588.15	554.75	538.65	593.6	591.4	563.7	535.1	521.5	484.1
OPERATING RESERVE		114.3	113.5	127.9	135.5	135.2	111.4	129.6	170.5	129.75	95.45	85.85	104.55	106.85	90.75	85.35	92.05	147.45	163.55	104.4	106.6	101.3	90.9	104.5	115.9
West Cost		37837.2	36158.2	35203.2	35026.1	35048	36419.1	35409.5	37673.6	46480.1	49623.8	50237	48812.7	48770.5	50069.5	50521.1	50064.6	47096.9	46290	48550	48215.8	47645	41212.7	40108.2	36617.7

WEST COAST GRID OPERATION



Generation Mix Profile for 31st January 2013

Gas	10,256 MWh
Hydro	1,304 MWh
Distillate	3,499 MWh
SREP	685 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,644.25 MWh	2,286.00 MWh	1,220.00 MWh	- MWh
IPP	1,854.60 MWh	7,970.00 MWh	84.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	685.00 MWh
TOTAL	3,498.85 MWh	10,256.00 MWh	1,304.10 MWh	685.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	15%	8%	0%
IPP	12%	51%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,743.95			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	15%
GAS (IPP)	51%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

