

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (13th JAN' 2013)	715 MW	688 MW	-3.85%
Maximum Energy (13th JAN 2013)	14.3 MW	13.5 GWh	-5.59%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

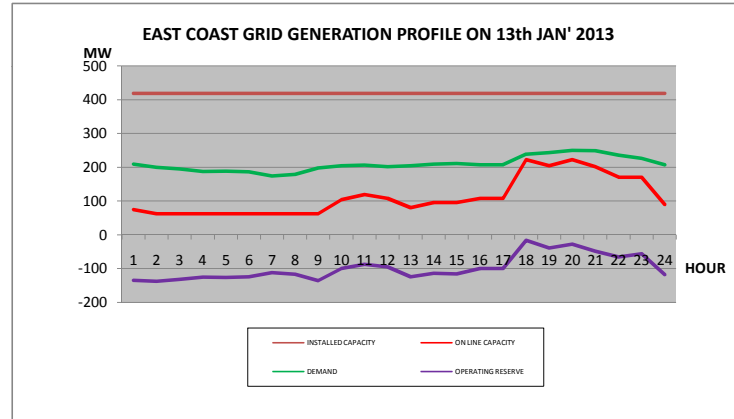
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

14-Jan-13

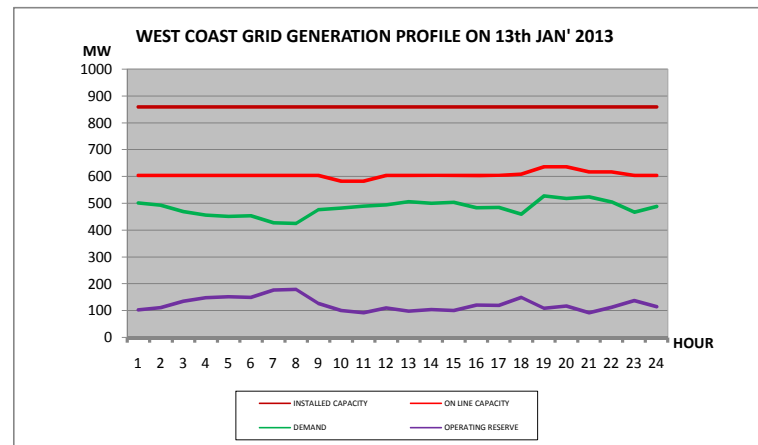
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		74	62	62	62	62	62	62	62	104	119	107	80	95	95	107	107	222	204	222	201	170	170	89	
DEMAND		209.41	199.82	194.57	187.53	188.59	186.82	174.11	178.98	197.64	204.2	206.48	202.01	204.36	209.15	211.29	207.18	207.28	238.24	243.06	249.85	249.26	235.79	226.39	206.94
OPERATING RESERVE		-135.41	-137.82	-132.57	-125.53	-126.59	-124.82	-112.11	-116.98	-135.64	-100.2	-87.48	-95.01	-124.36	-114.15	-116.29	-100.18	-100.28	-16.24	-39.06	-27.85	-48.26	-65.79	-56.39	-117.94
East Cost		8929.93	7887.3	8208.41	7873.74	8320.92	7661.35	7583.83	8266.27	8250.76	11007.2	12332.1	11231	9368.6	10562.1	10418	11844.7	11534.8	22950.3	23241.8	24783.5	23294.7	19613.4	19544.5	10306.1

EAST COAST GRID OPERATION



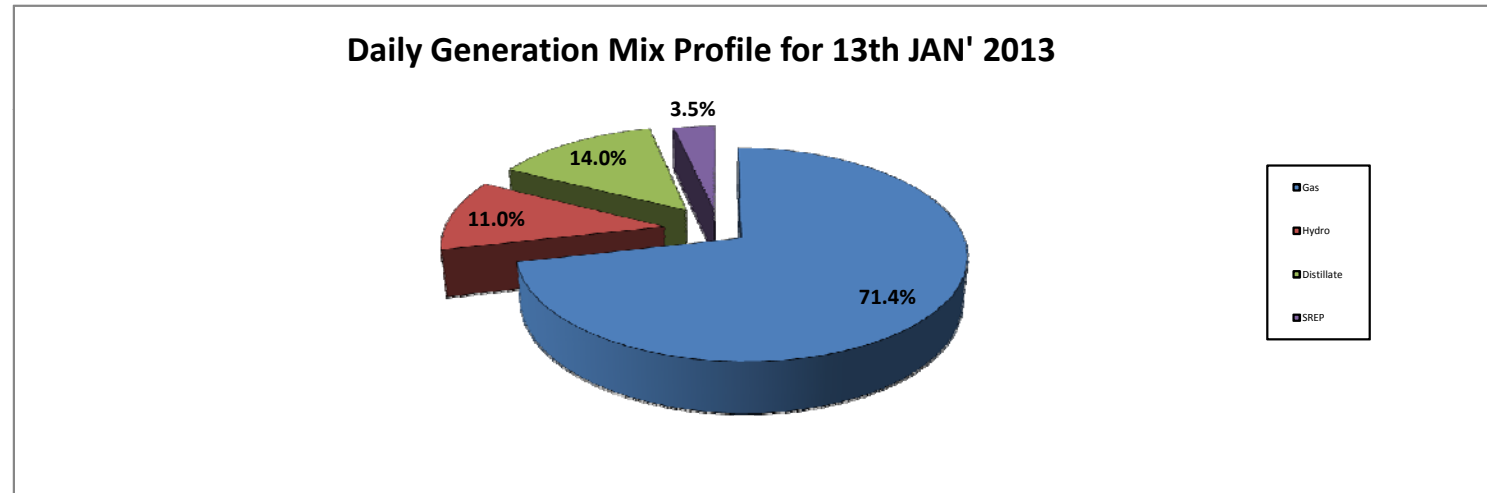
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	604.5	604.5	582.5	582.5	604.5	604.5	604.5	604.5	604.5	609	636.5	636.5	617.5	617.5	604.5	604.5	
DEMAND		501.2	493	469.4	456.8	452.2	454.6	427.9	425.4	477.1	482.3	490.1	494.5	506.6	500.1	504.3	484	484.6	460.1	527.9	518.8	524.8	504.7	467.4	489
OPERATING RESERVE		103.3	111.5	135.1	147.7	152.3	149.9	176.6	179.1	127.4	100.2	92.4	110	97.9	104.4	100.2	120.5	119.9	148.9	108.6	117.7	92.7	112.8	137.1	115.5
West Cost		36536.5	36334	34554.2	33900.2	34014.6	34260.6	32282.2	32295.8	36003.6	37134.6	37310.7	35753.7	36778.8	36243.9	37275.5	36292.8	36218.1	35155.8	40449.4	39808	38763.7	37246.4	34399.5	35440.1

WEST COAST GRID OPERATION



Generation Mix Profile for 13th January 2013

Gas	9,820 MWh
Hydro	1,516 MWh
Distillate	1,925 MWh
SREP	485 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	619.70 MWh	1,988.90 MWh	1,426.00 MWh	- MWh
IPP	1,305.00 MWh	7,830.60 MWh	89.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	485.00 MWh
TOTAL	1,924.70 MWh	9,819.50 MWh	1,515.90 MWh	485.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	14%	10%	0%
IPP	9%	57%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	13,745.10			

DIST (IPP)	9%
DIST (SESB)	5%
SREP	4%
GAS (SESB)	14%
GAS (IPP)	57%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

