

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (23rd OCT' 2012)</b>	800 MW	811 MW	1.34%
<b>Maximum Energy (23rd OCT' 2012)</b>	16.3 MW	15.3 GWh	-6.13%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

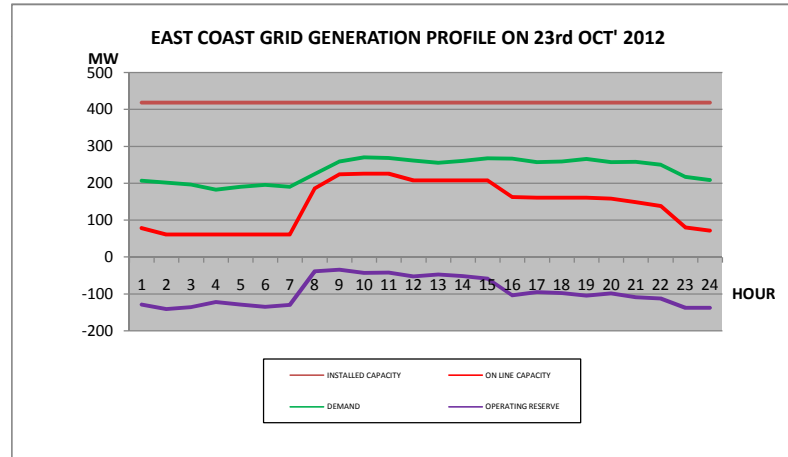
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

24-Oct-12

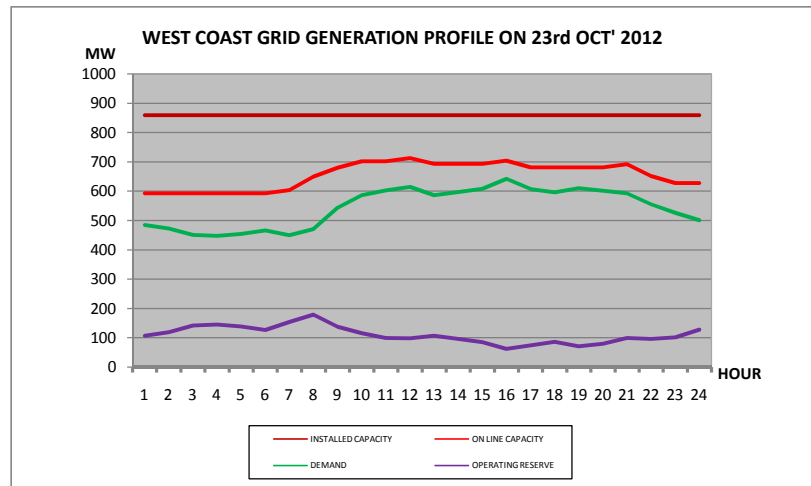
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		78	61	61	61	61	61	61	186	224.1	226.1	226.1	208.1	208.1	208.1	208.1	163.1	161.1	161.1	161.1	158.3	148.5	138	80	71
<b>DEMAND</b>		206.73	201.37	196.26	182.37	189.75	194.97	190.04	224.75	258.62	269.62	268.29	260.62	255.26	259.85	267.01	266.19	256.25	258.12	265.55	256.36	257.35	249.79	216.96	207.87
<b>OPERATING RESERVE</b>		-128.73	-140.37	-135.26	-121.37	-128.75	-133.97	-129.04	-38.75	-34.52	-43.52	-42.19	-52.52	-47.16	-51.75	-58.91	-103.09	-95.15	-97.02	-104.45	-98.06	-108.85	-111.79	-136.96	-136.87
East Cost		9383.5	7582.57	7640.12	7850.05	7750.33	7694.99	7760.38	20315.4	25279.9	26434.8	26175.1	22713.4	22606	23921.3	23706.4	19796.7	18898.5	19439	20193	19759.5	18014.3	16467.3	10607.8	8859.57

EAST COAST GRID OPERATION



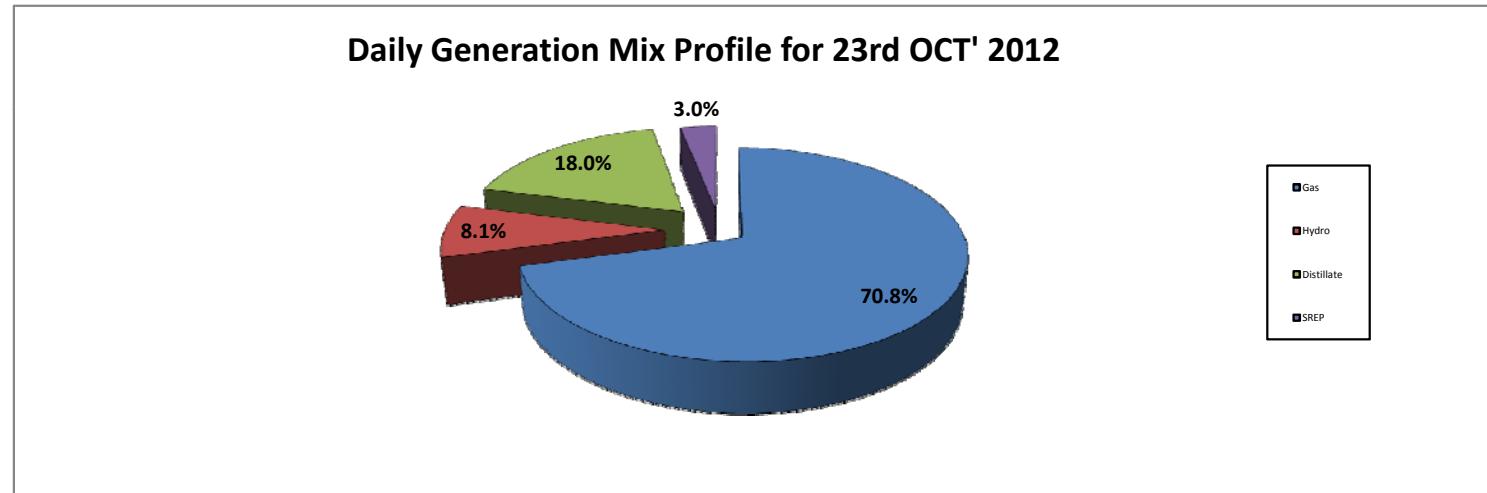
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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
<b>ON LINE CAPACITY</b>		592.5	592.5	592.5	592.5	592.5	592.5	603.5	649	680	702	702	713	693.5	693.5	693.5	704.5	681.5	681.5	681.5	681.5	692.5	651.5	628	628
<b>DEMAND</b>		485.1	473.2	451.2	447.6	454	465.8	449.6	470.6	543.2	586.5	602.7	614.7	586.6	596.9	608	642	606.9	595.6	610.8	601.8	592.9	555.5	526.3	500.6
<b>OPERATING RESERVE</b>		107.4	119.3	141.3	144.9	138.5	126.7	153.9	178.4	136.8	115.5	99.3	98.3	106.9	96.6	85.5	62.5	74.6	85.9	70.7	79.7	99.6	96	101.7	127.4
West Cost		38796.9	38031.2	36318.7	36084.1	36592.9	37443.7	36444.3	36931.2	42529.4	46417.9	47672.4	47982.2	45112.7	46081.8	47021.1	49507.4	46585.3	45954.8	47059.6	46465.9	45869.6	41730.4	38034.3	36055.9

WEST COAST GRID OPERATION



**Generation Mix Profile for 23rd October 2012**

Gas	11,146 MWh
Hydro	1,272 MWh
Distillate	2,838 MWh
SREP	478 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,475.60 MWh	2,087.10 MWh	1,202.00 MWh	- MWh
IPP	1,362.40 MWh	9,058.90 MWh	70.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	477.60 MWh
<b>TOTAL</b>	<b>2,838.00 MWh</b>	<b>11,146.00 MWh</b>	<b>1,272.10 MWh</b>	<b>477.60 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	13%	8%	0%
IPP	9%	58%	0%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,733.70			

DIST (IPP)	9%
DIST (SESB)	9%
SREP	3%
GAS (SESB)	13%
GAS (IPP)	58%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

