

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (19th SEPT' 2012)</b>	800 MW	790 MW	-1.21%
<b>Maximum Energy (19th SEPT' 2012)</b>	16.1 MW	15.1 GWh	-6.21%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

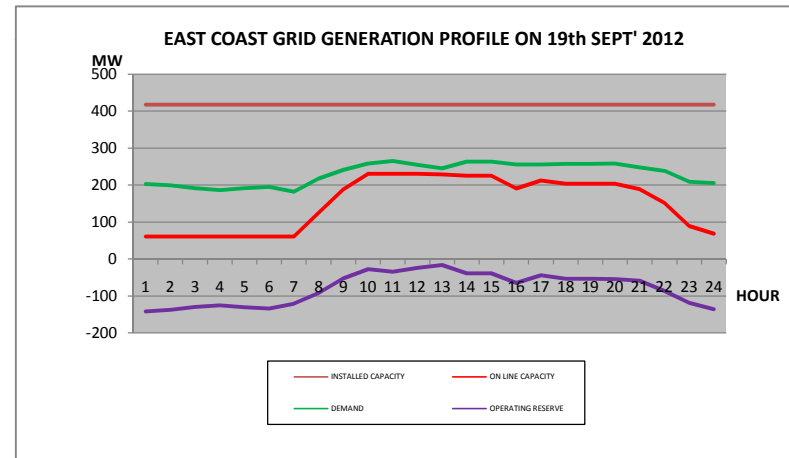
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

25-Sep-12

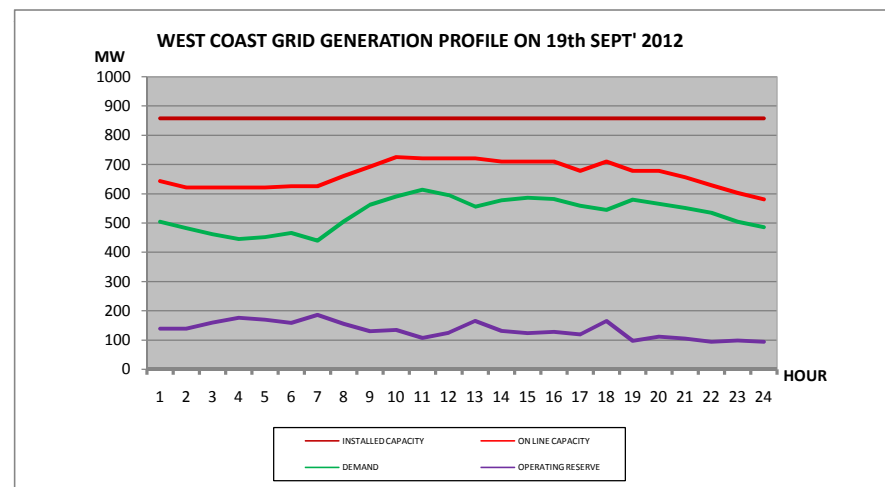
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		61	61	61	61	61	61	61	125	188	230.7	230.7	230.7	229.1	225.1	225.1	191.1	212.1	204.1	204.1	204.1	189.1	152	90	69
DEMAND		203.29	199.16	191.33	186.6	191.59	195.08	182.11	218.14	241.32	258.28	265.58	255.4	245.61	263.86	263.94	255.76	256.25	257.7	257.79	258.85	248	238.54	208.94	205.42
OPERATING RESERVE		-142.29	-138.16	-130.33	-125.6	-130.59	-134.08	-121.11	-93.14	-53.32	-27.58	-34.88	-24.7	-16.51	-38.76	-38.84	-64.66	-44.15	-53.6	-53.69	-54.75	-58.9	-86.54	-118.94	-136.42
East Cost		7721.73	7542.5	7498.14	7520.43	7542.5	7454	7531.64	13472.8	20818.8	25920.2	27105.4	26271.3	25636.3	26728.8	26086.9	22130.2	23724.6	22742.8	22553.9	22961.8	21698.4	16788.7	10876.6	8708.33

EAST COAST GRID OPERATION



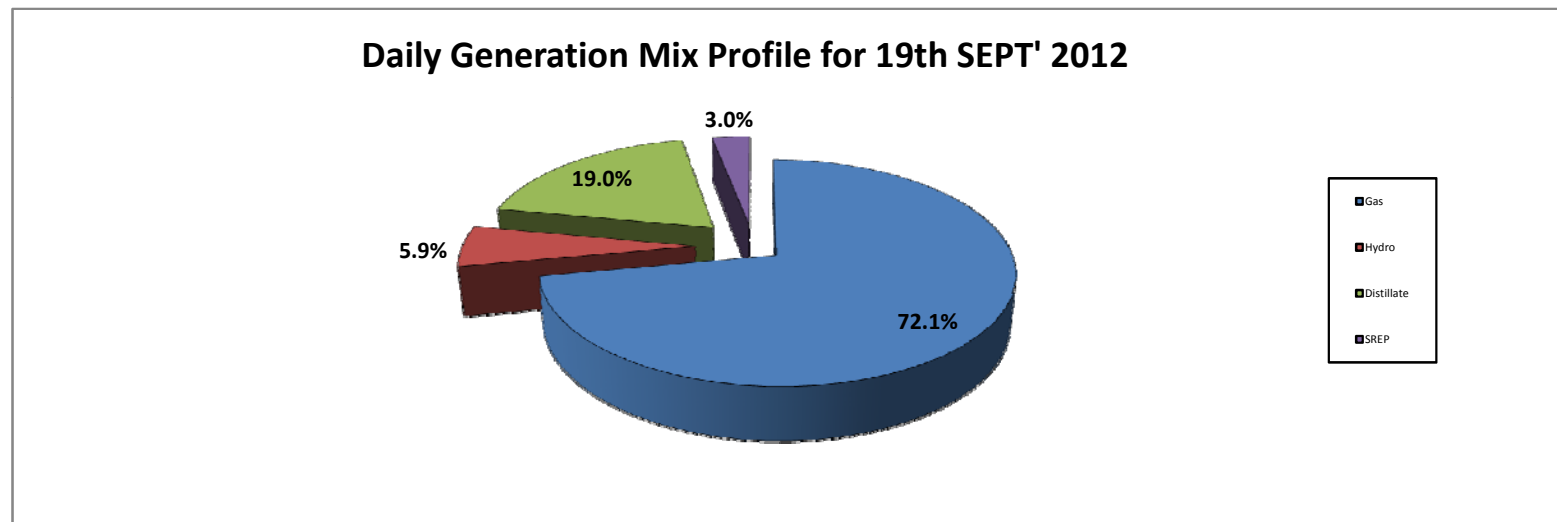
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	621	621	621	621	625.5	625.5	660.5	692.5	725.5	721	721	721	710	710	710	678	710	678	678	656	629	602.5	580.5
DEMAND		504	482.1	461.6	445	451.9	466.3	439.5	505.2	562.5	591.1	613.9	595.7	555.7	578.2	586.3	582.4	559.1	545.2	580.1	565.8	551.2	534.8	504.3	485.8
OPERATING RESERVE		139	138.9	159.4	176	169.1	159.2	186	155.3	130	134.4	107.1	125.3	165.3	131.8	123.7	127.6	118.9	164.8	97.9	112.2	104.8	94.2	98.2	94.7
West Cost		39404.2	38757.1	37519.1	36249.1	36775.3	37617.6	35928.5	39859.5	45266.6	45608.5	47234.5	45760.5	44526.7	45488.7	46196.6	45913.3	43542.7	43573	44882.9	43683.7	43732.4	40944.8	37649.9	37678.8

WEST COAST GRID OPERATION



**Generation Mix Profile for 19th September 2012**

Gas	11,207 MWh
Hydro	923 MWh
Distillate	2,957 MWh
SREP	465 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,540.10 MWh	1,868.50 MWh	885.00 MWh	- MWh
IPP	1,417.30 MWh	9,338.60 MWh	37.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	465.00 MWh
<b>TOTAL</b>	<b>2,957.40 MWh</b>	<b>11,207.10 MWh</b>	<b>922.70 MWh</b>	<b>465.00 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	12%	6%	0%
IPP	9%	60%	0%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

TOTALLY

15,552.20

DIST (IPP)	9%
DIST (SESB)	10%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	60%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

