

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (9th NOV' 2012)</b>	780 MW	789 MW	1.18%
<b>Maximum Energy (9th NOV' 2012)</b>	16.0 MW	15.3 GWh	-4.38%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

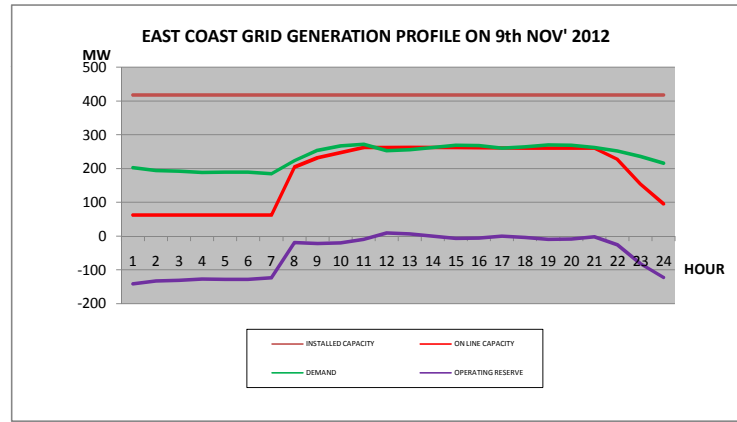
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

12-Nov-12

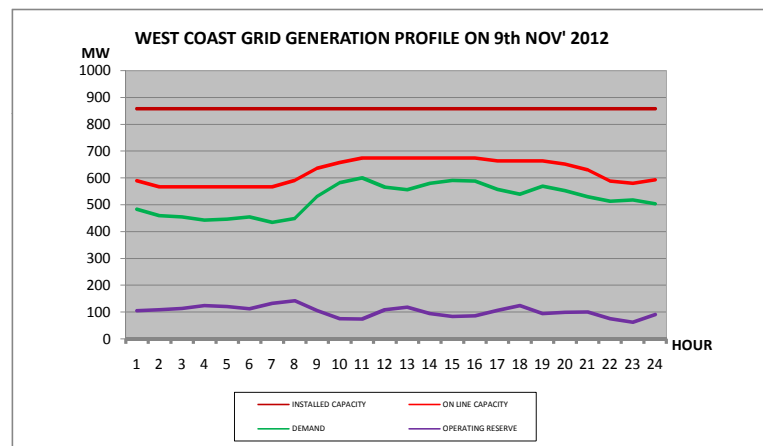
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		62	62	62	62	62	62	62	204.5	232.1	247.3	262.3	262.3	262.3	262.3	262.3	260.3	260.3	260.3	260.3	260.3	262.55	252.71	235.79	216.78
<b>DEMAND</b>		203.01	194.81	192.94	188.81	190.2	190.19	185.07	223.95	254.36	267.5	272.24	253.41	256.52	262.43	269.29	268.39	261.01	264.43	270.09	269.24	262.55	252.71	235.79	216.78
<b>OPERATING RESERVE</b>		-141.01	-132.81	-130.94	-126.81	-128.2	-128.19	-123.07	-19.45	-22.26	-20.2	-9.94	8.89	5.78	-0.13	-6.99	-6.09	-0.71	-4.13	-9.79	-8.94	-2.25	-25.91	-81.79	-121.78
East Cost		8482.22	7544.53	8331.49	8121.34	8220.34	8270.54	8610.65	22982.3	26067.1	27766	28604.7	28758.2	29775.8	30501.3	30155.6	29416.5	27946.9	29670.2	28571.9	29296.6	29498.1	25377.6	17808.9	12526.9

EAST COAST GRID OPERATION



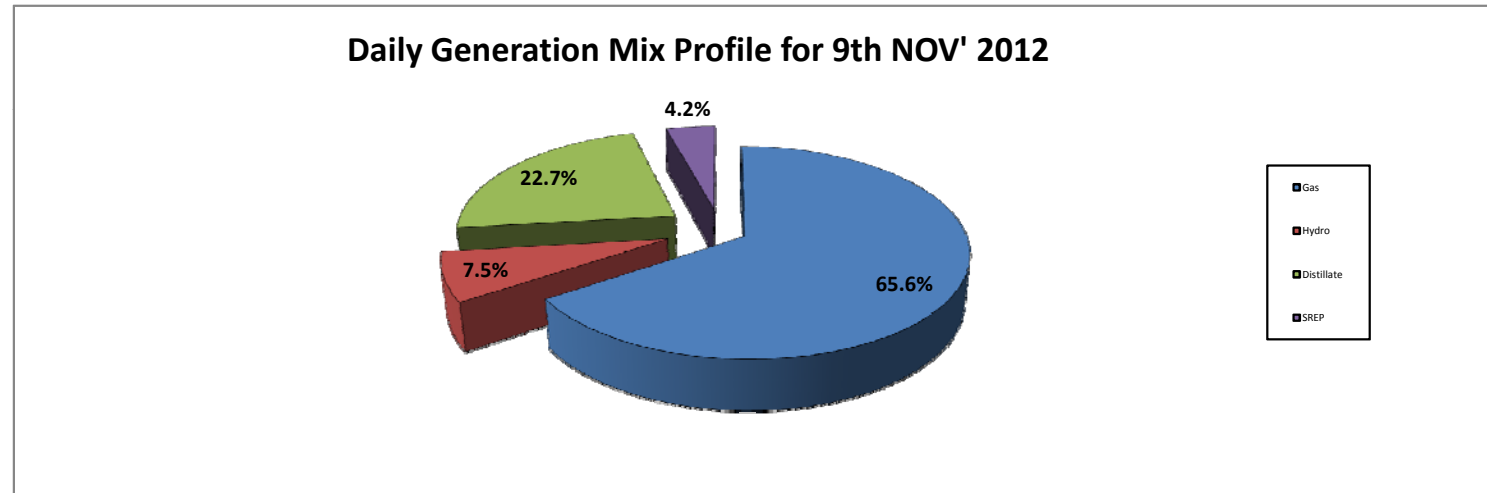
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		589	567	567	567	567	567	567	590.5	635.5	657.5	674	674	674	674	674	663	663	663	652	630	588	580	593.5	593.5
<b>DEMAND</b>		483.6	458.7	454	442.7	446.3	455	434.2	448.8	530.4	582.1	600.2	565.8	556	579.5	590.5	588.4	557.1	539.4	568.8	552.6	530.2	513.3	517.8	503
<b>OPERATING RESERVE</b>		105.4	108.3	113	124.3	120.7	112	132.8	141.7	105.1	75.4	73.8	108.2	118	94.5	83.5	85.6	105.9	123.6	94.2	99.4	99.8	74.7	62.2	90.5
West Cost		35284	34775.9	34453.3	33801	34047.9	34559.4	33230.3	35900.7	41193.1	45660.6	47944.6	45484.7	44573.4	46385.6	47119.4	46929.2	44022.4	43459.7	45339.8	43751.7	43703.5	40714.3	40539.3	37795.3

WEST COAST GRID OPERATION



**Generation Mix Profile for 9th November 2012**

Gas	10,421 MWh
Hydro	1,187 MWh
Distillate	3,609 MWh
SREP	660 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,646.10 MWh	1,860.50 MWh	1,116.00 MWh	- MWh
IPP	1,963.20 MWh	8,560.10 MWh	70.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	660.40 MWh
<b>TOTAL</b>	<b>3,609.30 MWh</b>	<b>10,420.60 MWh</b>	<b>1,186.70 MWh</b>	<b>660.40 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	12%	7%	0%
IPP	12%	54%	0%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,877.00			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	12%
GAS (IPP)	54%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

