

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (7th NOV' 2012)</b>	800 MW	762 MW	-4.79%
<b>Maximum Energy (7th NOV' 2012)</b>	15.9 MW	15.2 GWh	-4.40%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

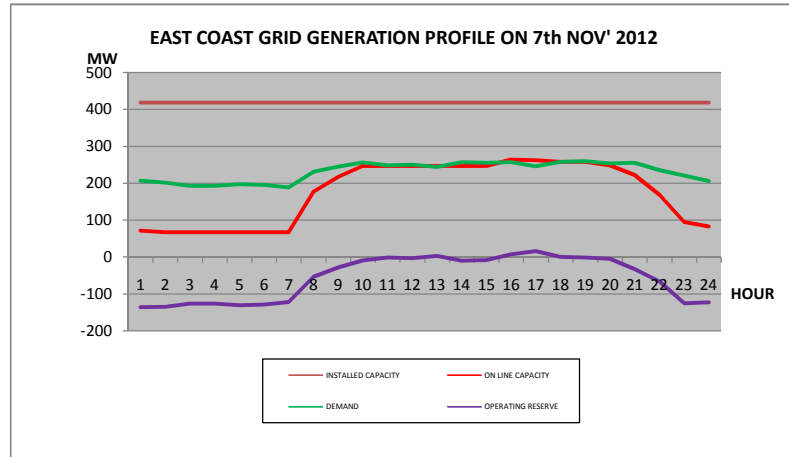
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

12-Nov-12

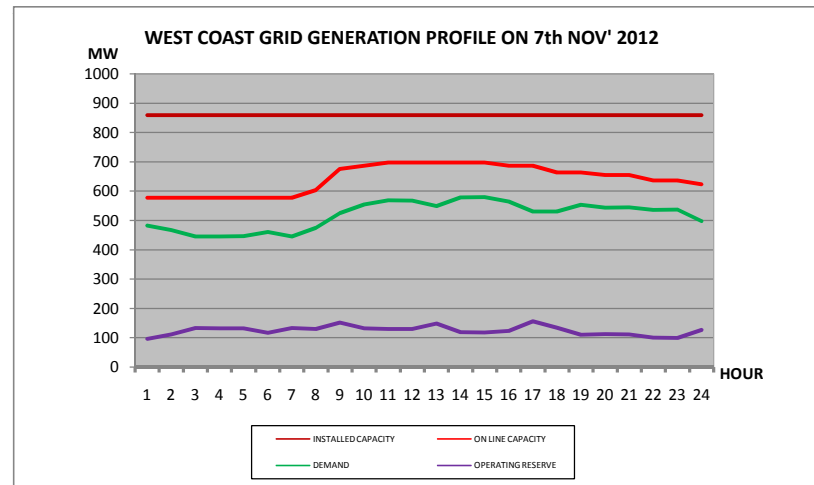
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		71	67	67	67	67	67	67	177	217.1	247.1	247.1	247.1	247.1	247.1	247.1	264.1	262.1	258.1	258.1	248.3	222.8	169	95	83
<b>DEMAND</b>		206.7	201.43	193.35	193.03	197.15	195.7	188.64	230.71	244.85	256.34	248.48	249.79	244.16	257.4	255.32	256.96	246.05	257.84	259.61	253.31	255.27	235.11	220.39	206.05
<b>OPERATING RESERVE</b>		-135.7	-134.43	-126.35	-126.03	-130.15	-128.7	-121.64	-53.71	-27.75	-9.24	-1.38	-2.69	2.94	-10.3	-8.22	7.14	16.05	0.26	-1.51	-5.01	-32.47	-66.11	-125.39	-123.05
East Cost		9680.49	9350.05	9445.8	9457.38	9424.07	9367.68	8877.87	19715.3	24271.9	27233.3	27731.8	27015.5	27096.4	27672.5	27444.1	29176.3	28642.3	30262.9	29252.2	27736.4	24864.3	19014.6	12237.9	10726.1

EAST COAST GRID OPERATION



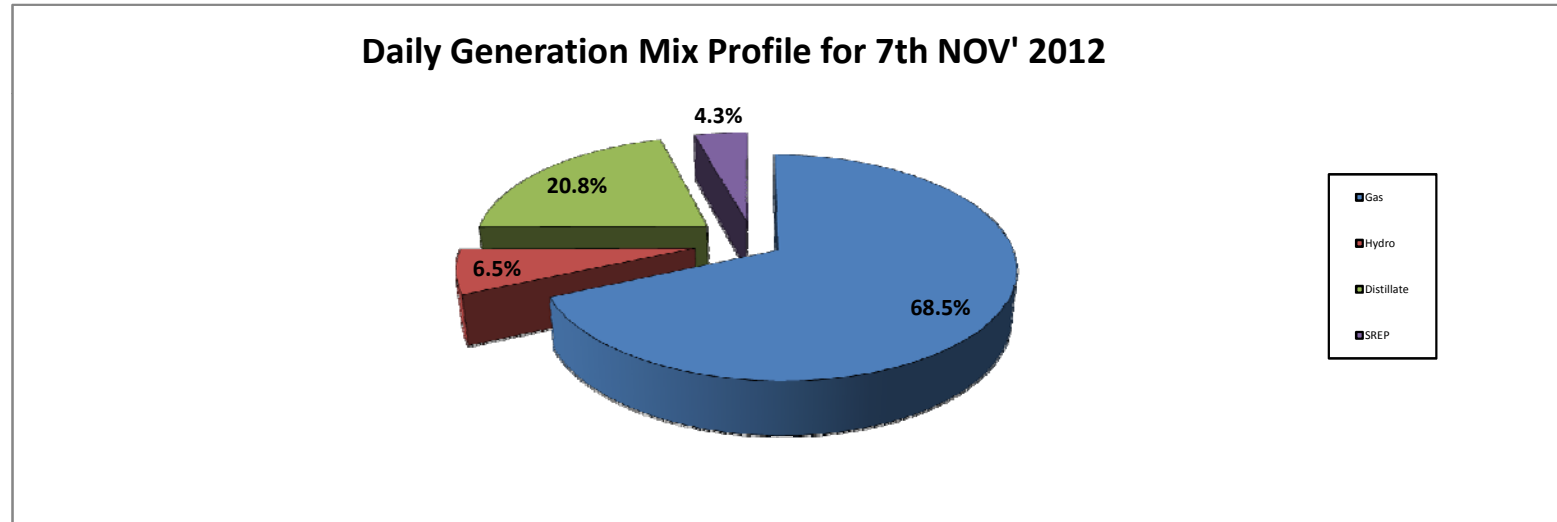
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		577	577	577	577	577	577	577	603.5	675	686	697	697	697	697	697	686	686	663	663	655	655	636	636	623
<b>DEMAND</b>		481.6	466.7	444.7	444.9	445.7	460.5	444.8	474	524.1	554.4	568	567.6	549.1	578.6	579.3	563.5	530.3	529.6	553.2	543.2	544.1	535.9	537.1	497
<b>OPERATING RESERVE</b>		95.4	110.3	132.3	132.1	131.3	116.5	132.2	129.5	150.9	131.6	129	129.4	147.9	118.4	117.7	122.5	155.7	133.4	109.8	111.8	110.9	100.1	98.9	126
West Cost		39631	38437.5	36834.3	36851.1	36925.5	38132	36863.2	38287.6	41729.1	44593.3	45903.3	46578.8	44170.3	47504	47462.5	46182.5	43108.4	43701.8	45413.5	44032.8	44179.5	42393	42289	37833.9

WEST COAST GRID OPERATION



**Generation Mix Profile for 7th November 2012**

Gas	10,706 MWh
Hydro	1,009 MWh
Distillate	3,254 MWh
SREP	668 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,449.50 MWh	2,019.20 MWh	942.00 MWh	- MWh
IPP	1,804.80 MWh	8,687.10 MWh	67.30 MWh	- MWh
SREP	- MWh	- MWh	- MWh	667.80 MWh
<b>TOTAL</b>	<b>3,254.30 MWh</b>	<b>10,706.30 MWh</b>	<b>1,009.30 MWh</b>	<b>667.80 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	13%	6%	0%
IPP	12%	56%	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>	15,637.70			

DIST (IPP)	12%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	56%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

