

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (21st JAN' 2012)</b>	660 MW	664 MW	0.67%
<b>Maximum Daily Energy (21st JAN' 2012)</b>	13.7 GWh	12.7 GWh	-7.30%
<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.

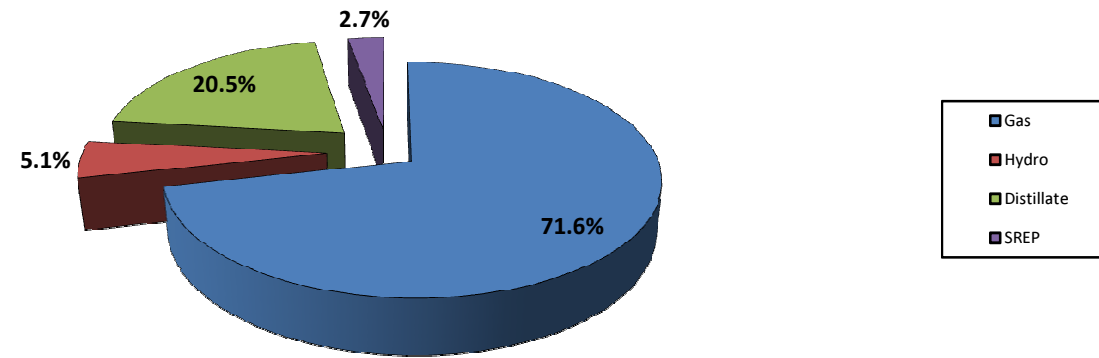
Energy Commission Malaysia

30-Jan-12

**Generation Mix Profile for 21st January 2011**

Gas	10,171 MWh
Hydro	731 MWh
Distillate	2,913 MWh
SREP	389 MWh

**Daily Generation Mix Profile for 21st January 2012**

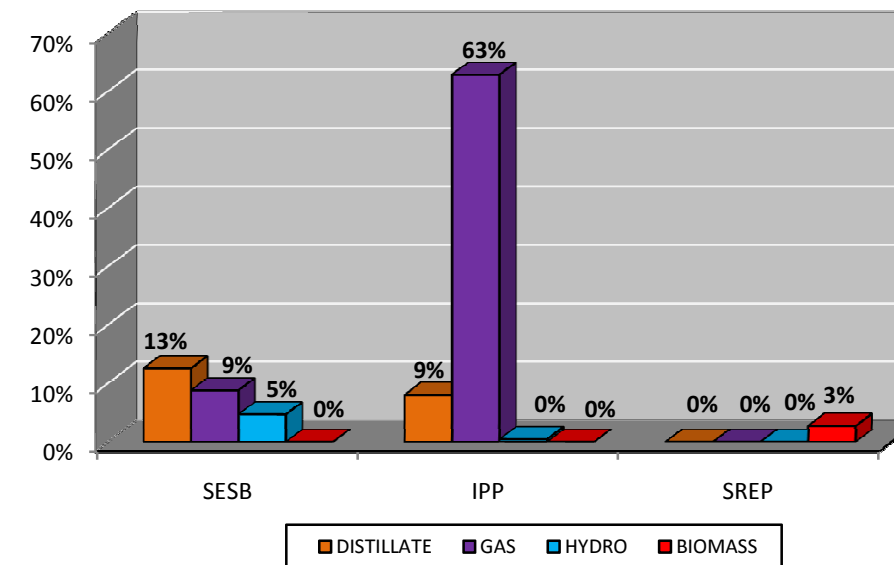


	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,775.90 MWh	1,248.80 MWh	666.00 MWh	- MWh
IPP	1,137.20 MWh	8,921.70 MWh	64.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	388.70 MWh
<b>TOTAL</b>	<b>2,913.10 MWh</b>	<b>10,170.50 MWh</b>	<b>730.80 MWh</b>	<b>388.70 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	9%	5%	0%
IPP	8%	63%	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>	14,203.10			

DIST (IPP)	8%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	9%
GAS (IPP)	63%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

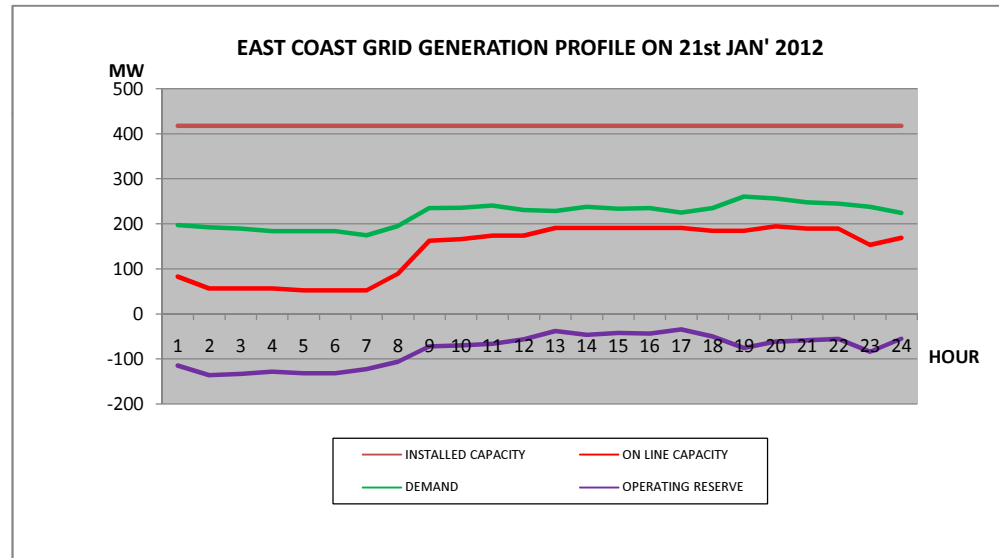
**GENERATION MIX SESB-IPP-SREP 21st JAN' 2012**



**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>		83	56	56	56	52	52	52	89	162.5	166	174	174	191	191	191	191	184.6	184.6	194.6	189.3	189.3	153.3	169		
<b>DEMAND</b>		197.87	192.29	189.42	184.2	183.8	184.17	174.94	195.15	234.67	235.88	240.49	230.43	228.5	237.5	233.33	234.9	225.28	234.64	260.35	256.13	247.81	245.03	237.62	224.31	
<b>OPERATING RESERVE</b>		-114.87	-136.29	-133.42	-128.2	-131.8	-132.17	-122.94	-106.15	-72.17	-69.88	-66.49	-56.43	-37.5	-46.5	-42.33	-43.9	-34.28	-50.04	-75.75	-61.53	-58.51	-55.73	-84.32	-55.31	
East Cost		9743.99	7428.74	7789.99	7746.33	7821.29	7768.74	7781.11	11133.4	20752.8	22619.8	23322.9	22615.7	24712.9	24497.9	24238.2	23593.7	23343.1	21425.5	26103.7	25861.3	25599.7	25958.6	21836.3	19555.9	398441

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>		595.5	573.5	573.5	573.5	573.5	573.5	573.5	569.5	595	595	595	604	626	585	574	574	574	608.1	608.1	608.1	599	588	588	566
<b>DEMAND</b>		483.5	471.3	453.9	441.9	442.3	438.7	430.1	444.8	472.3	489.8	509	492.5	472.1	490.8	478.9	478.2	460.6	483.8	540.2	529.6	516.8	493.1	508.2	466.8
<b>OPERATING RESERVE</b>		112	102.2	119.6	131.6	131.2	134.8	143.4	124.7	122.7	105.2	86	111.5	153.9	94.2	95.1	95.8	113.4	124.3	67.9	78.5	82.2	94.9	79.8	99.2
West Cost		37394	37658	36290	35285	35372	35241	34582	33621	36375	38375	39701	40655	38328	39782	38379	38327	37221	40117	43491	42964	41996	39933	40566	37444

WEST COAST GRID OPERATION

