

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (18th JAN' 2012)</b>	795 MW	808 MW	1.64%
<b>Maximum Daily Energy (18th JAN 2012)</b>	15.7 GWh	15.4 GWh	-1.91%
<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.

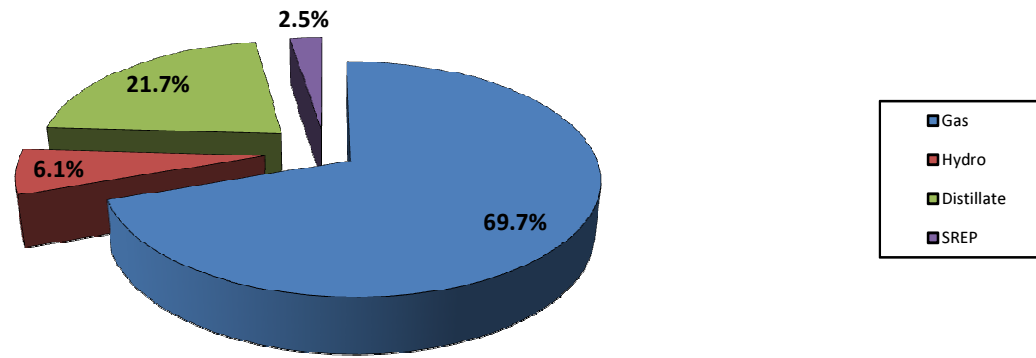
Energy Commission Malaysia

20-Jan-12

**Generation Mix Profile for 18th January 2011**

Gas	11,096 MWh
Hydro	977 MWh
Distillate	3,447 MWh
SREP	393 MWh

**Daily Generation Mix Profile for 18th January 2012**

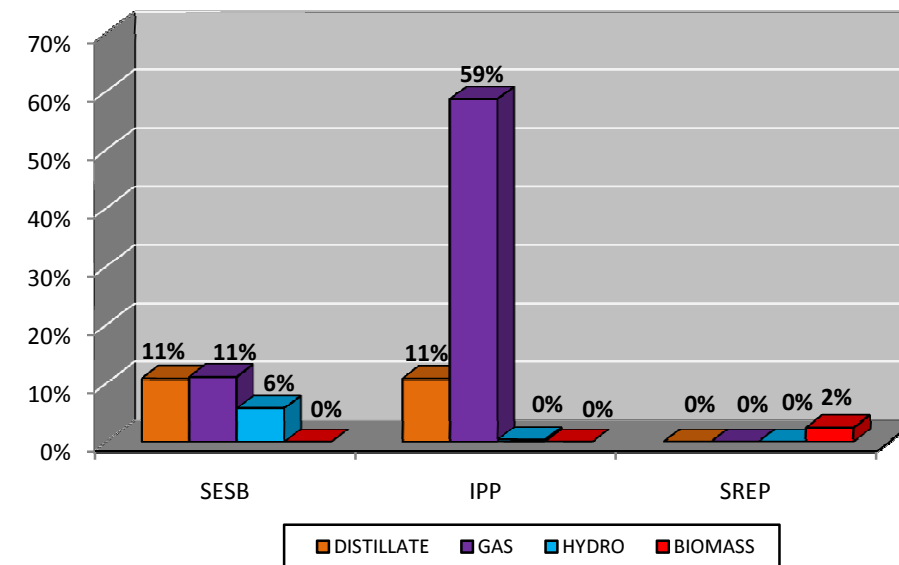


	DISTILLATE		GAS		HYDRO		BIOMASS	
SESB	1,723.90	MWh	1,765.20	MWh	915.00	MWh	-	MWh
IPP	1,722.60	MWh	9,330.40	MWh	61.50	MWh	-	MWh
SREP	-	MWh	-	MWh	-	MWh	393.30	MWh
<b>TOTAL</b>	<b>3,446.50</b>	<b>MWh</b>	<b>11,095.60</b>	<b>MWh</b>	<b>976.50</b>	<b>MWh</b>	<b>393.30</b>	<b>MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	6%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	2%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,911.90			

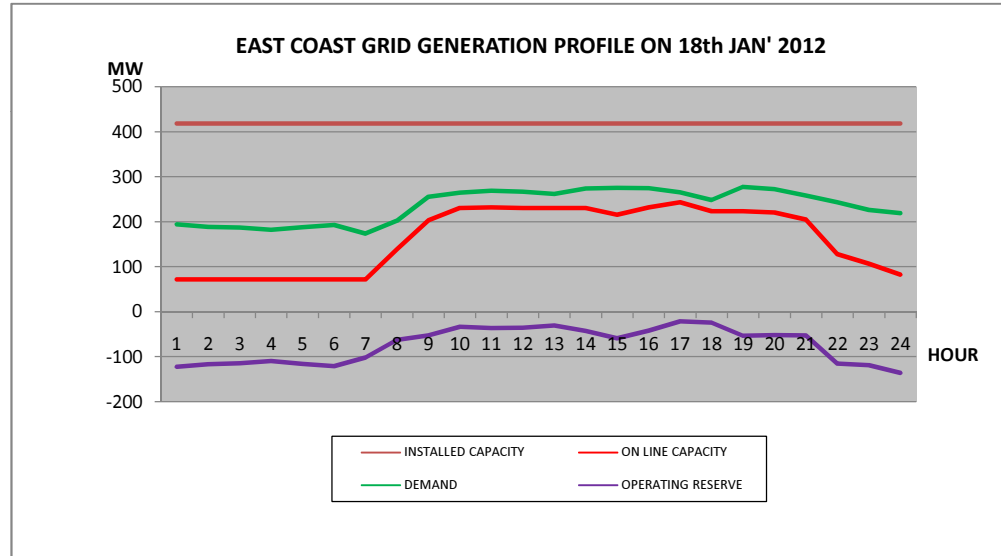
DIST (IPP)	11%
DIST (SESB)	11%
SREP	2%
GAS (SESB)	11%
GAS (IPP)	59%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

**GENERATION MIX SESB-IPP-SREP 18th JAN' 2012**



<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	417.9	
<b>ON LINE CAPACITY</b>		72	72	72	72	72	72	72	139	202.6	230.4	232.2	230.6	230.6	230.6	215.6	232.2	243.4	223.8	223.8	220.3	205.3	128	107	83	
<b>DEMAND</b>		194.22	188.24	186.55	181.63	187.72	192.89	173.37	201.73	255.21	264.16	268.51	266.23	261.55	273.43	274.73	274.38	264.78	247.74	277.17	272.06	257.99	243.11	225.91	218.78	
<b>OPERATING RESERVE</b>		-122.22	-116.24	-114.55	-109.63	-115.72	-120.89	-101.37	-62.73	-52.61	-33.76	-36.31	-35.63	-30.95	-42.83	-59.13	-42.18	-21.38	-23.94	-53.37	-51.76	-52.69	-115.11	-118.91	-135.78	
East Cost		7408.11	8901.42	7530.33	8183.47	8365.84	7713.06	7653.86	13433.9	25750.1	30120.1	28601.2	28780.4	29370.3	30145.3	29387.4	27632.3	27987.9	25923.4	27331.5	26791.6	23698	16929.4	12381.2	9540.04	398441

EAST COAST GRID OPERATION



<b>WEST COAST GRID</b>																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<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>		587	587	587	587	587	587	587	639.5	658.5	674	689.2	689.2	689.2	711.2	711.2	700.2	700.5	678.5	678.5	658.5	658.5	639.5	622.5	609
<b>DEMAND</b>		339.98	316.66	306.85	311.17	317.68	320.91	320.23	384.57	448.79	496.74	518.44	514.32	504.4	524.42	532.92	515.27	482.12	450.76	496.63	476.64	469.61	438.89	404.89	366.92
<b>OPERATING RESERVE</b>		247.02	270.34	280.15	275.83	269.32	266.09	266.77	254.93	209.71	177.26	170.76	174.88	184.8	186.78	178.28	184.93	218.38	227.74	181.87	181.86	188.89	200.61	217.61	242.08
West Cost		36537	34671	33883	33842	34682	34881	33430	37063	41473	44765	47879	47909	46732	49405	50042	49060	44696	41715	45954	43700	44247	43241	40606	38804

WEST COAST GRID OPERATION

