

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (31st JAN' 2012)</b>	780 MW	735 MW	-5.77%
<b>Maximum Daily Energy (31st JAN' 2012)</b>	15.6 GWh	14.6 GWh	-6.41%
<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.

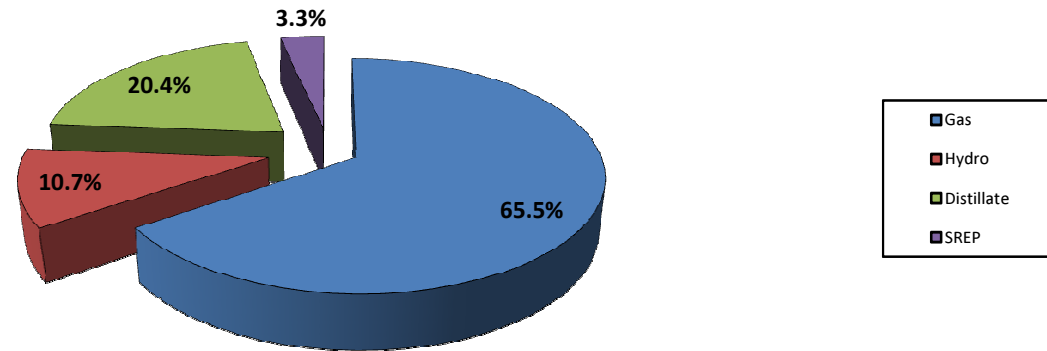
Energy Commission Malaysia

13-Feb-12

**Generation Mix Profile for 31st January 2011**

Gas	9,831 MWh
Hydro	1,611 MWh
Distillate	3,057 MWh
SREP	499 MWh

**Daily Generation Mix Profile for 31st January 2012**

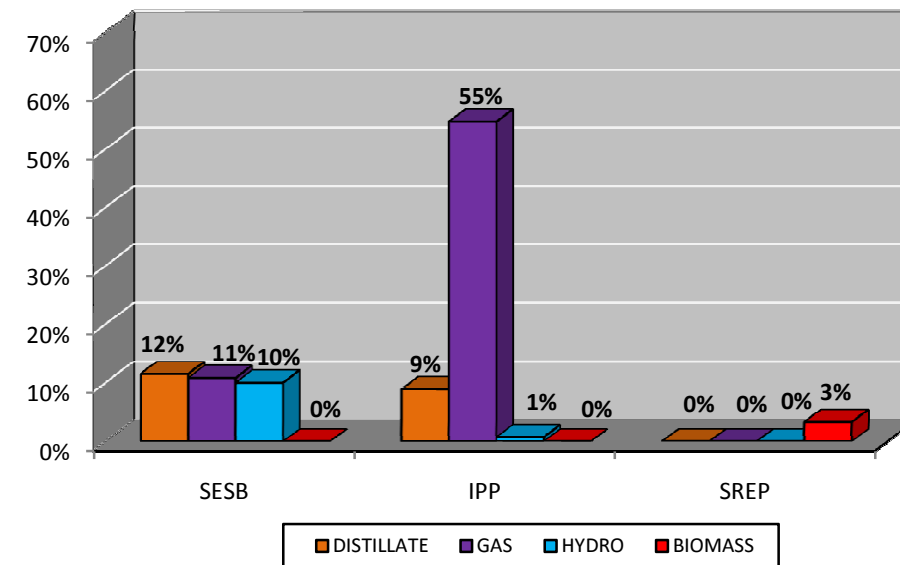


	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,725.15 MWh	1,620.50 MWh	1,500.00 MWh	- MWh
IPP	1,332.20 MWh	8,210.30 MWh	111.30 MWh	- MWh
SREP	- MWh	- MWh	- MWh	499.10 MWh
<b>TOTAL</b>	<b>3,057.35 MWh</b>	<b>9,830.80 MWh</b>	<b>1,611.30 MWh</b>	<b>499.10 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	10%	0%
IPP	9%	55%	1%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	14,998.55			

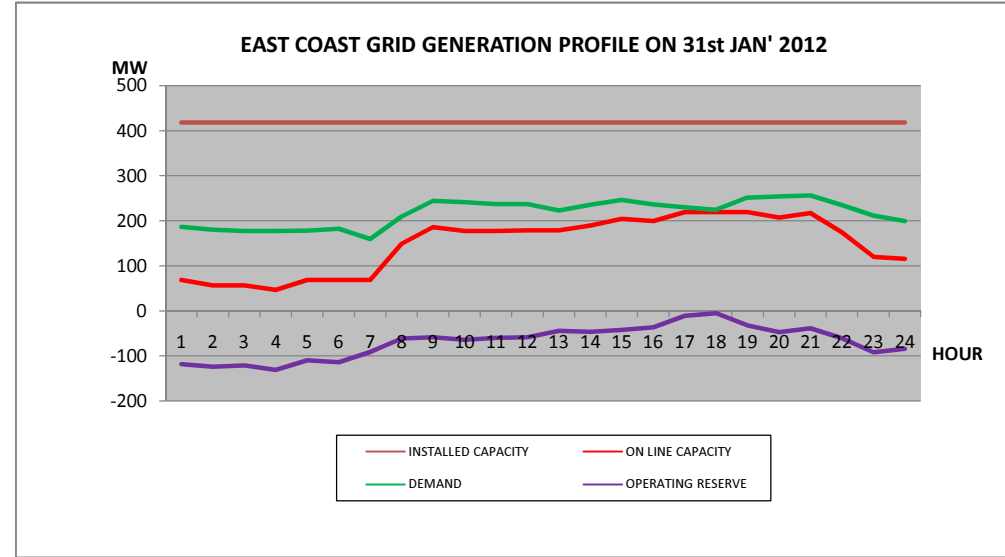
DIST (IPP)	9%
DIST (SESB)	12%
SREP	3%
GAS (SESB)	11%
GAS (IPP)	55%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

**GENERATION MIX SESB-IPP-SREP 31st 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	417.9	
<b>ON LINE CAPACITY</b>		68	56	56	46	68	68	68	148	185.3	176.6	176.7	178.2	178.2	188.7	203.7	198.7	218.7	218.7	218.7	206.9	216.9	173.6	119	115	
<b>DEMAND</b>		186.54	179.99	177.22	177.05	178	182.21	159.34	209.25	243.81	241.23	237	236.63	222.85	235.48	245.97	235.73	229.65	224.19	250.91	253.97	255.87	234.29	210.8	199.03	
<b>OPERATING RESERVE</b>		-118.54	-123.99	-121.22	-131.05	-110	-114.21	-91.34	-61.25	-58.51	-64.63	-60.3	-58.43	-44.65	-46.78	-42.27	-37.03	-10.95	-5.49	-32.21	-47.07	-38.97	-60.69	-91.8	-84.03	
East Cost		8037.67	6792.7	6792.7	5963.95	7990.53	7939.14	7884.28	16533.5	22296.2	22272.7	21624.8	21713.1	21306.1	24395	25435.2	23412.4	25191	24995.7	26011.4	26043.8	26212.2	21055.9	12243.3	11621.6	398441

EAST COAST GRID OPERATION



WEST COAST GRID																									
		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>		571	571	539	539	539	539	571	601.5	647.7	655.7	655.7	655.7	655.7	653.7	655.7	650.7	628.7	633.7	655.7	651.5	640.5	601.5	601.5	571
<b>DEMAND</b>		332.26	323.31	296.88	300.65	301.9	315.79	314.56	376.65	437.94	473.02	496.75	494.12	476.5	484.07	488.78	479.82	446.9	410.76	465.84	458.13	447.73	419.51	391.1	358.57
<b>OPERATING RESERVE</b>		238.74	247.69	242.12	238.35	237.1	223.21	256.44	224.85	209.76	182.68	158.95	161.58	179.2	169.63	166.92	170.88	181.8	222.94	189.86	193.37	192.77	181.99	210.4	212.43
West Cost		32169	32212	28475	29086	28492	30007	29155	34946	41196	44101	45813	45554	43264	43629	43836	43040	41267	38549	42580	41670	40628	37467	37144	32544

WEST COAST GRID OPERATION

