

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (1st JAN' 2012)	670 MW	644 MW	-3.88%
Maximum Daily Energy (1st JAN 2012)	13 GWh	12.5 GWh	-3.85%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

Electricity Supply & Market Regulations Dept.

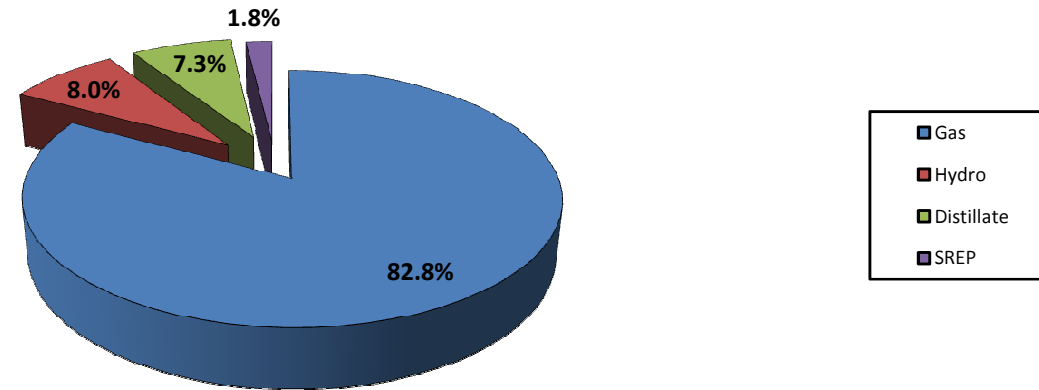
Energy Commission Malaysia

04-Jan-12

Generation Mix Profile for 1st January 2011

Gas	10,360 MWh
Hydro	1,003 MWh
Distillate	914 MWh
SREP	229 MWh

Daily Generation Mix Profile for 1st January 2012

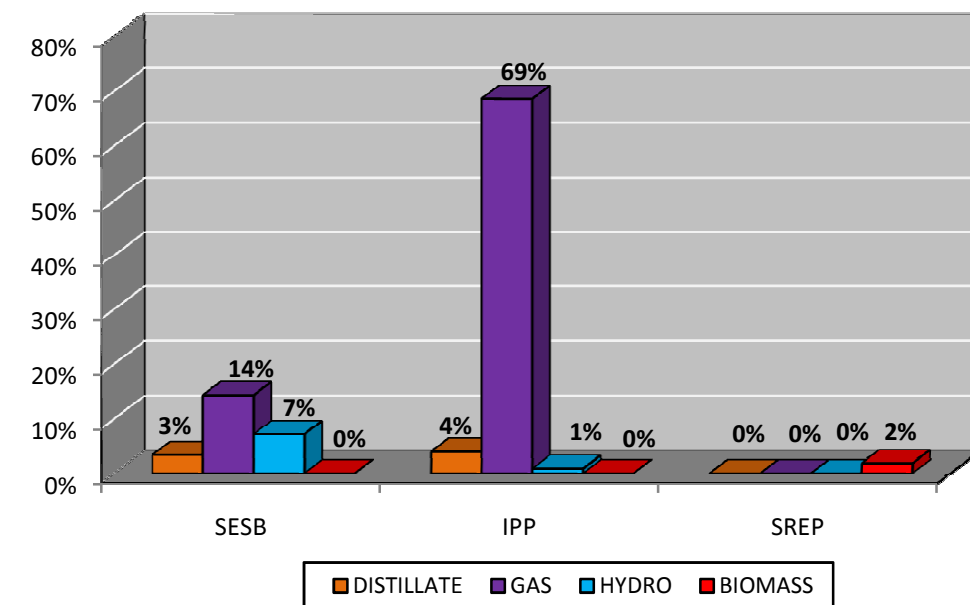


	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	418.90 MWh	1,785.60 MWh	894.00 MWh	- MWh
IPP	495.10 MWh	8,574.70 MWh	108.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	228.50 MWh
TOTAL	914.00 MWh	10,360.30 MWh	1,002.80 MWh	228.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	3%	14%	7%	0%
IPP	4%	69%	1%	0%
SREP	0%	0%	0%	2%
TOTAL	100%	100%	100%	100%
TOTALLY	12,505.60			

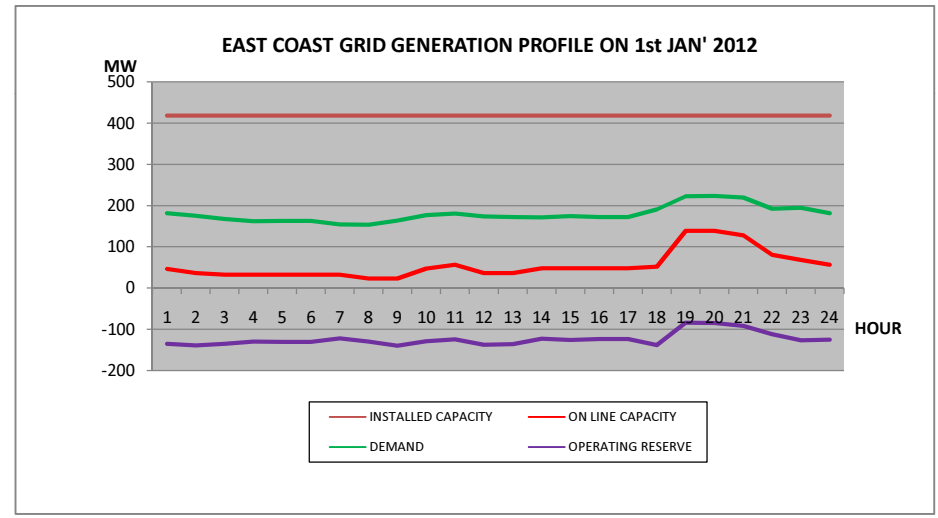
DIST (IPP)	4%
DIST (SESB)	3%
SREP	2%
GAS (SESB)	14%
GAS (IPP)	69%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

GENERATION MIX SESB-IPP-SREP 1st JAN' 2012



EAST COAST GRID																										
INSTALLED CAPACITY		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	
ON LINE CAPACITY		46	36	32	32	32	32	32	23	23	47	56	36	36	48	48	48	48	52	138.5	138.5	128	80	68	56	
DEMAND		181.5	175.4	167.17	161.97	162.96	162.67	153.84	153.28	163.08	176.39	180.73	173.41	172.13	171.1	174.01	171.84	172.11	190.6	222.6	223.55	219.49	192.12	194.81	181.25	
OPERATING RESERVE		-135.5	-139.4	-135.17	-129.97	-130.96	-130.67	-121.84	-130.28	-140.08	-129.39	-124.73	-137.41	-136.13	-123.1	-126.01	-123.84	-124.11	-138.6	-84.1	-85.05	-91.49	-112.12	-126.81	-125.25	
East Cost		4934.95	4053.37	4058.01	4197.88	3881.45	4286.36	4119.44	3364.57	3278.41	4937.57	6210.41	4223.62	3995.27	5422.61	5445.02	5265.73	5401.36	5777.06	16394.2	16435.6	15115.3	8304.72	7062.07	5698.48	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
INSTALLED CAPACITY		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
ON LINE CAPACITY		595.5	595.5	587	587	587	587	587	587	609	609	609	609	609	609	609	609	609	617.5	645	645	626	609	609	609
DEMAND		335.3	323.9	307.93	300.13	295.44	291.23	281.86	285.92	309.42	330.91	345.67	344.29	344.87	349.5	349.39	351.26	349.49	374.2	421.6	414.25	404.81	376.38	369.29	350.55
OPERATING RESERVE		260.2	271.6	279.07	286.87	291.56	295.77	305.14	301.08	299.58	278.09	263.33	264.71	264.13	259.5	259.61	257.74	259.51	243.3	223.4	230.75	221.19	232.62	239.71	258.45
West Cost		36903	36360	34645	33759	33382	32953	31890	32621	33071	34840	35289	35540	35625	34957	35264	35347	35185	37973	40614	40140	38769	36736	37019	35801

WEST COAST GRID OPERATION

