

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (17th NOV' 2012)	735 MW	707 MW	-3.76%
Maximum Energy (17th NOV' 2012)	14.8 MW	13.6 GWh	-8.11%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

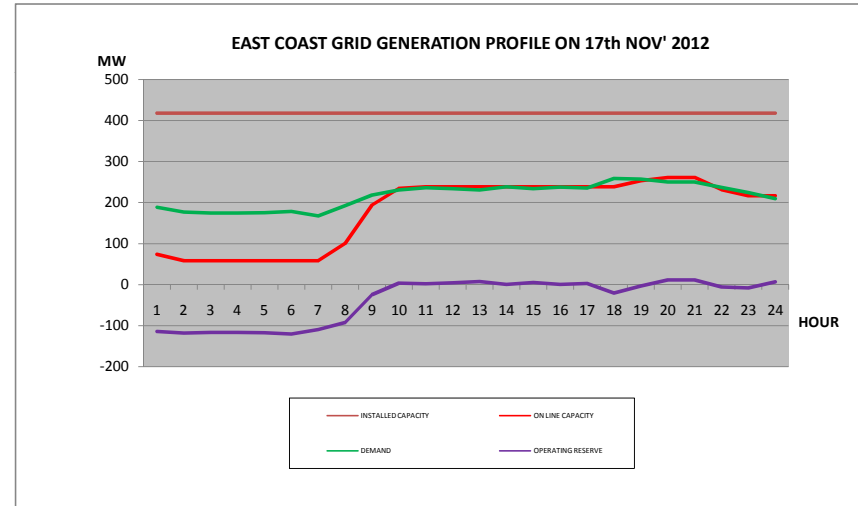
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

20-Nov-12

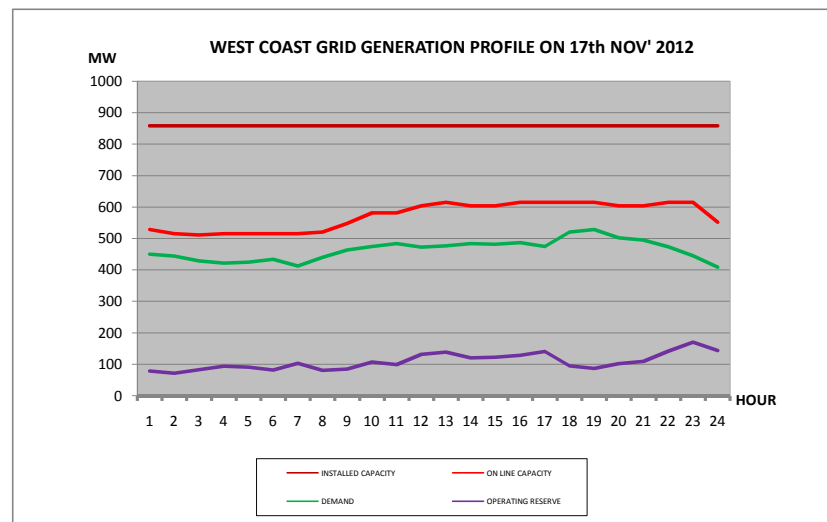
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		74	58	58	58	58	58	58	100	194	234.5	238.5	238.5	238.5	238.5	238.5	238.5	253.5	261.5	261.5	231.5	216.5	216.5		
DEMAND		188.17	176.5	174.48	174.38	175.22	178.55	167.35	192.12	218.7	230.91	236.18	234.18	231.06	238.36	233.82	237.75	235.69	259.08	257.23	250.52	250.19	237.43	224.53	209.83
OPERATING RESERVE		-114.17	-118.5	-116.48	-116.38	-117.22	-120.55	-109.35	-92.12	-24.7	3.59	2.32	4.32	7.44	0.14	4.68	0.75	2.81	-20.58	-3.73	10.98	11.31	-5.93	-8.03	6.67
East Cost		9810.87	8474.84	8441.45	8430.36	8387.04	8376.06	8475.18	12326.1	21772	25765.6	28290.1	28399.8	25914.5	26547.6	25945.5	25918.2	25861.7	26577.8	26715.2	28154.8	27725.3	25516.1	24977.1	25398.8

EAST COAST GRID OPERATION



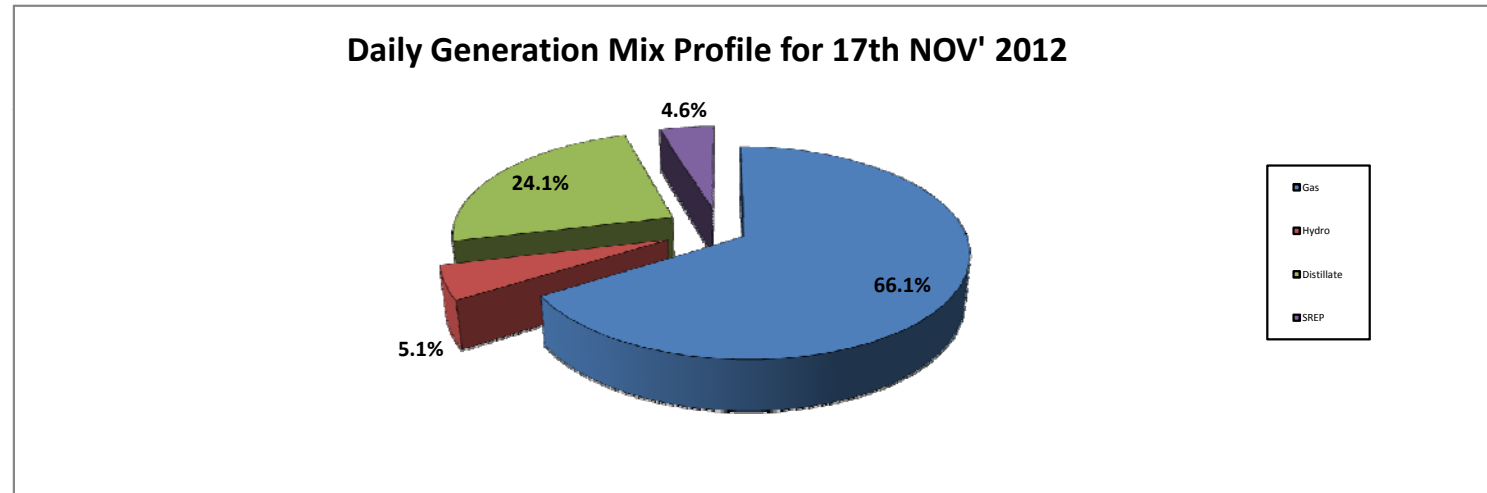
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		529	516	511.5	516	516	516	516	520.5	548	582	582	604	615	604	615	615	615	615	615	604	604	615	615	552
DEMAND		449.9	444.2	428.9	422.1	424.7	434.3	413.3	439.9	463.4	474.4	483.4	472.8	476.7	483.9	481.6	486.8	474.8	519.8	528.2	502.3	495	473.6	445.2	408.8
OPERATING RESERVE		79.1	71.8	82.6	93.9	91.3	81.7	102.7	80.6	84.6	107.6	98.6	131.2	138.3	120.1	122.4	128.2	140.2	95.2	86.8	101.7	109	141.4	169.8	143.2
West Cost		36987.3	35576.9	34777.7	34079.9	34259.1	34843	33665.4	35464.4	38888.8	38842.6	38594.6	39447.8	40183.3	40616.6	40424.6	41026.9	39977.1	43131.1	42895.8	41155.6	40625.1	39701	37737.5	35468.6

WEST COAST GRID OPERATION



Generation Mix Profile for 17th November 2012

Gas	9,486 MWh
Hydro	738 MWh
Distillate	3,460 MWh
SREP	661 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,573.10 MWh	685.80 MWh	621.00 MWh	- MWh
IPP	1,886.80 MWh	8,800.50 MWh	117.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	661.40 MWh
TOTAL	3,459.90 MWh	9,486.30 MWh	738.00 MWh	661.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	5%	4%	0%
IPP	13%	61%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	14,345.60			

DIST (IPP)	13%
DIST (SESB)	11%
SREP	5%
GAS (SESB)	5%
GAS (IPP)	61%
HYDRO (SESB)	4%
HYDRO (IPP)	1%
total	100%

