

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (16th JULY' 2012)	780 MW	775 MW	-0.64%
Maximum Energy (16th JULY' 2012)	15.6 GWh	14.9 GWh	-4.49%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

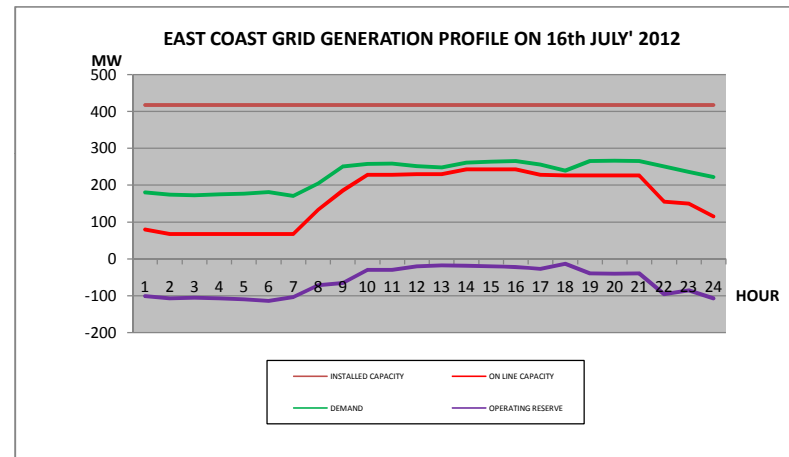
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Jul-12

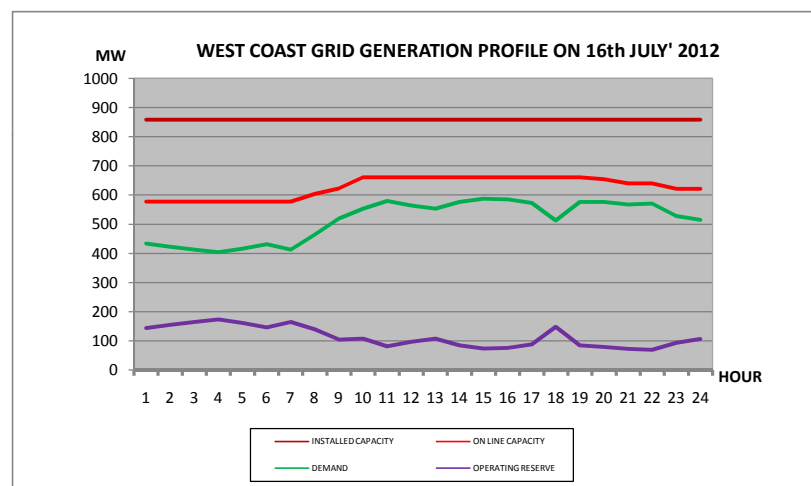
EAST COAST GRID																							
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		79	67	67	67	67	67	67	133	185.4	228.2	228.2	230.4	230.4	243.2	243.2	243.2	228.2	226.2	226.2	226.2	155	150
DEMAND		180.46	174.16	171.96	174.55	176.74	181.08	170.55	204.5	250.66	257.73	258.3	251.03	247.81	261.27	263.63	264.97	255.44	239.49	265.67	266.21	265.4	250.98
OPERATING RESERVE		-101.46	-107.16	-104.96	-107.55	-109.74	-114.08	-103.55	-71.5	-65.26	-29.53	-30.1	-20.63	-17.41	-18.07	-20.43	-21.77	-27.24	-13.29	-39.47	-40.01	-39.2	-95.98
East Cost		10866.7	9397.79	9355.29	9610.52	9518.98	9561.48	9317.57	16206.2	23671.6	28072.6	27576.4	27328.4	27819.1	29560.6	28571	28330.2	25704.9	25042.5	26286.1	26613.9	25143.2	18632.1

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	
ON LINE CAPACITY		577	577	577	577	577	577	577	603.5	622.5	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	660.7	654.5	640	640	621	621
DEMAND		433.7	422.7	412.9	403.6	415.3	431.1	412.1	463.9	518.5	552.75	578.95	563.75	552.65	576.15	587.05	585.25	572.35	512.05	576.25	575.7	567.7	570.8	527.9	515
OPERATING RESERVE		143.3	154.3	164.1	173.4	161.7	145.9	164.9	139.6	104	107.95	81.75	96.95	108.05	84.55	73.65	75.45	88.35	148.65	84.45	78.8	72.3	69.2	93.1	106
West Cost		32140	31472	30976	30383	30868	31841	30791	36003	40599	44960	46490	45666	45111	46209	47027	46890	45651	42122	46209	45532	44173	44464	40015	39108

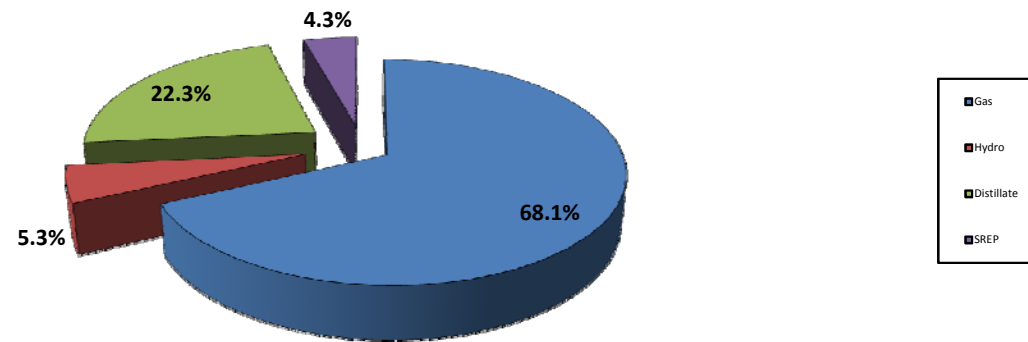
WEST COAST GRID OPERATION



Generation Mix Profile for 16th July 2012

Gas	10,558 MWh
Hydro	822 MWh
Distillate	3,451 MWh
SREP	665 MWh

Daily Generation Mix Profile for 16th July 2012



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,536.90 MWh	1,631.30 MWh	774.00 MWh	- MWh
IPP	1,914.50 MWh	8,926.90 MWh	47.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	665.00 MWh
TOTAL	3,451.40 MWh	10,558.20 MWh	821.70 MWh	665.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	11%	5%	0%
IPP	12%	58%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,496.30			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	58%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 16th July' 2012

