

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (17th JULY' 2012)	790 MW	755 MW	-4.43%
Maximum Energy (17th JULY' 2012)	18.8 GWh	15.2 GWh	-19.15%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

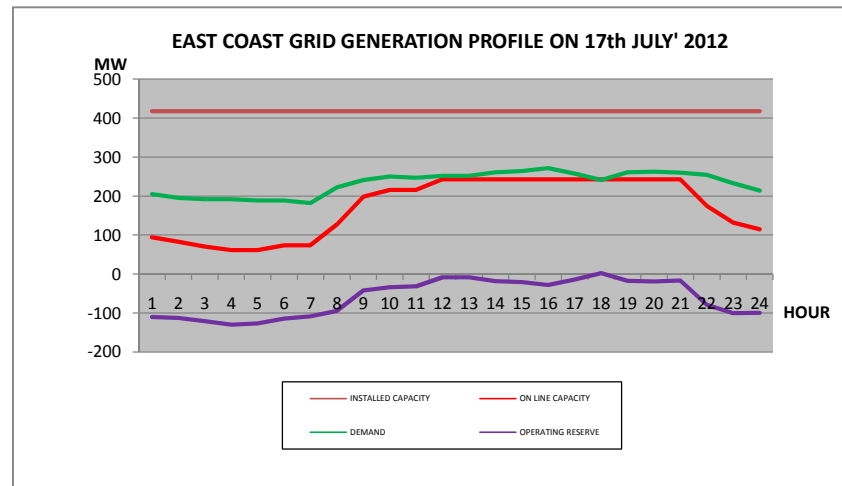
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Jul-12

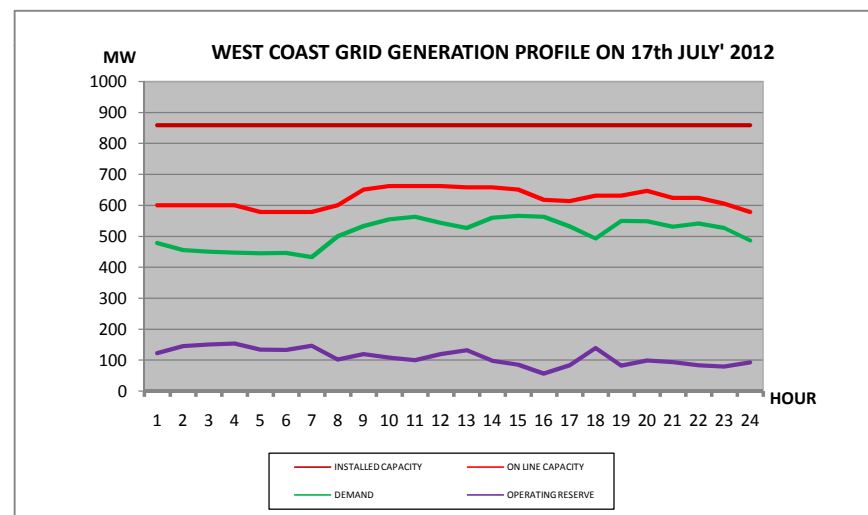
EAST COAST GRID																										
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		95	83	71	62	62	74	74	128	199.2	216.4	216.4	243.4	243.4	243.4	243.4	243.4	243.4	243.4	243.4	243.4	243.4	175.3	133	115	
DEMAND		205.25	195.72	191.83	192.01	188.99	188.4	182.25	222.36	241.59	250.06	247.4	251.75	251.95	261.26	264.09	271.58	257.68	241.02	260.54	262.3	259.72	254.4	233.22	214.35	
OPERATING RESERVE		-110.25	-112.72	-120.83	-130.01	-126.99	-114.4	-108.25	-94.36	-42.39	-33.66	-31	-8.35	-8.55	-17.86	-20.69	-28.18	-14.28	2.38	-17.14	-18.9	-16.32	-79.1	-100.22	-99.35	
East Cost		11528.5	10205	9010.26	8398.36	8386.33	9767.43	9748.39	15690.5	22709.3	24422.4	24367.4	26920.6	27410.2	27734.7	27577.8	28857.2	27356.4	26307.1	27813.9	27590.1	27649.7	22493.3	15644.6	13454.6	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
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		601	601	601	601	579	579	579	601	651.7	662.7	662.7	662.7	658.2	658.2	651.7	618.7	614.2	632	632	647.5	624.5	624.5	605.5	579
DEMAND		478.5	455.5	450.8	447.7	445	446.5	432.8	499.8	532.75	554.95	562.75	543.05	526.35	560.35	566.05	562.45	531.55	493.1	549.8	548.7	531	541.3	526.9	486.7
OPERATING RESERVE		122.5	145.5	150.2	153.3	134	132.5	146.2	101.2	118.95	107.75	99.95	119.65	131.85	97.85	85.65	56.25	82.65	138.9	82.2	98.8	93.5	83.2	78.6	92.3
West Cost		35745	34617	34239	34001	32825	32888	31766	37765	42323	44909	45230	43784	42702	44803	44528	44786	42156	40405	43733	42604	40626	41399	39118	34994

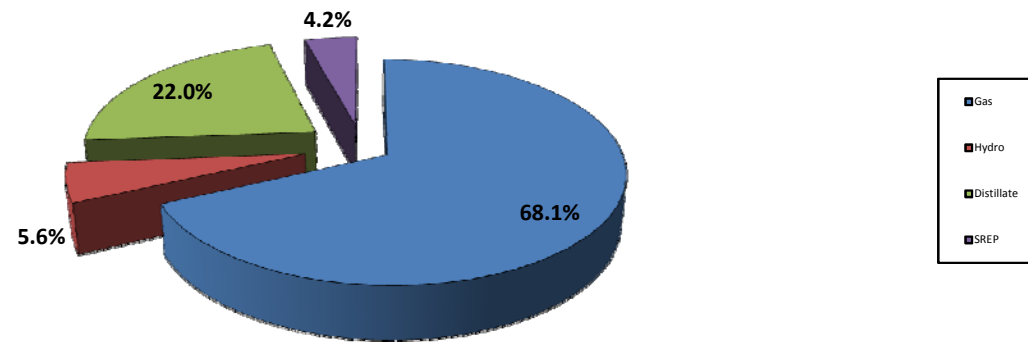
WEST COAST GRID OPERATION



Generation Mix Profile for 17th July 2012

Gas	10,545 MWh
Hydro	874 MWh
Distillate	3,406 MWh
SREP	651 MWh

Daily Generation Mix Profile for 17th July 2012



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,477.95 MWh	1,749.70 MWh	797.00 MWh	- MWh
IPP	1,928.40 MWh	8,795.60 MWh	77.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	651.30 MWh
TOTAL	3,406.35 MWh	10,545.30 MWh	874.10 MWh	651.30 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	11%	5%	0%
IPP	12%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,477.05			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	57%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 17th July' 2012

