

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (18th JULY' 2012)	750 MW	770 MW	2.64%
Maximum Energy (18th JULY' 2012)	15.8 GWh	15 GWh	-5.06%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

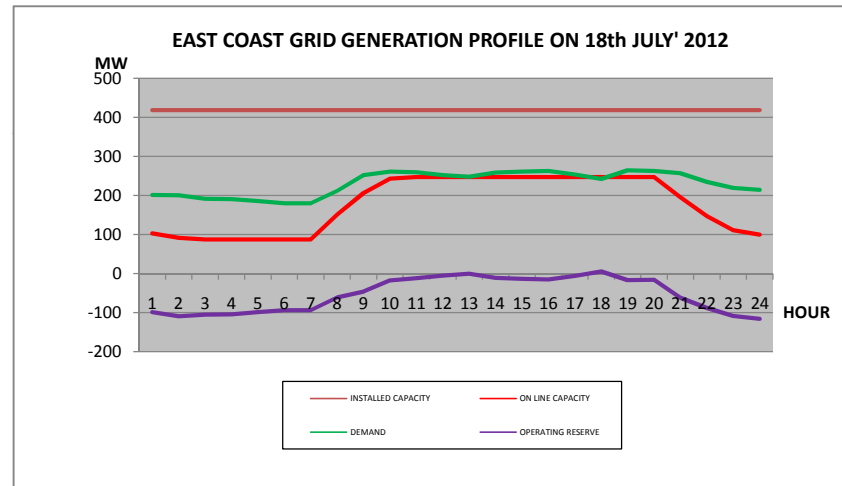
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Jul-12

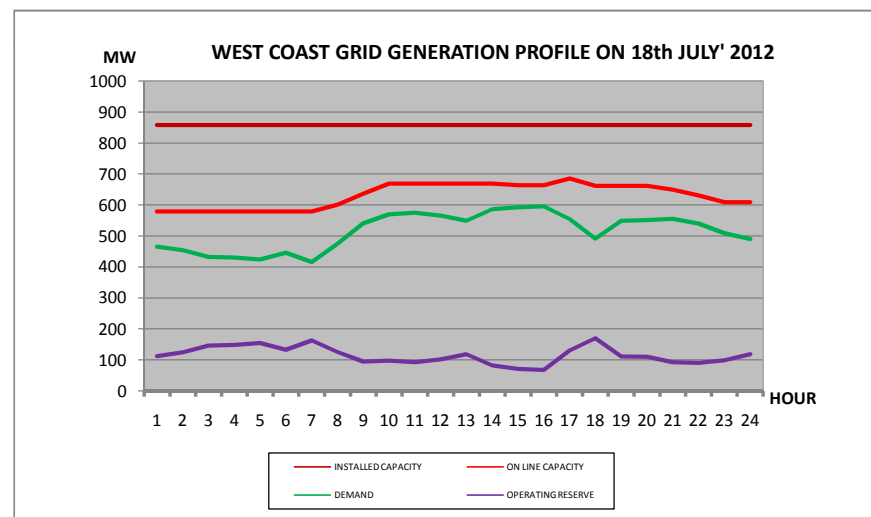
EAST COAST GRID																										
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		103	91	87	87	87	87	87	151	206.4	243.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	247.4	195.9	147	111	99		
DEMAND		201.18	200.23	191.74	191.1	185.61	180.2	180.54	211.69	252.3	261.11	259.52	252.23	247.58	258.71	260.68	262.7	253.57	241.97	264.13	262.87	257.14	234.82	218.91	214.44	
OPERATING RESERVE		-98.18	-109.23	-104.74	-104.1	-98.61	-93.2	-93.54	-60.69	-45.9	-17.71	-12.12	-4.83	-0.18	-11.31	-13.28	-15.3	-6.17	5.43	-16.73	-15.47	-61.24	-87.82	-107.91	-115.44	
East Cost		11428.3	11033.9	11090.3	10781.7	11002.5	11075.9	11240.2	18983.8	24408	27010	27998.9	27005	26867.1	27302.2	26769.8	26670.4	26822.8	27968.4	28245.8	27787.3	23643.3	18181.6	14038.5	12227.5	398441

EAST COAST GRID OPERATION



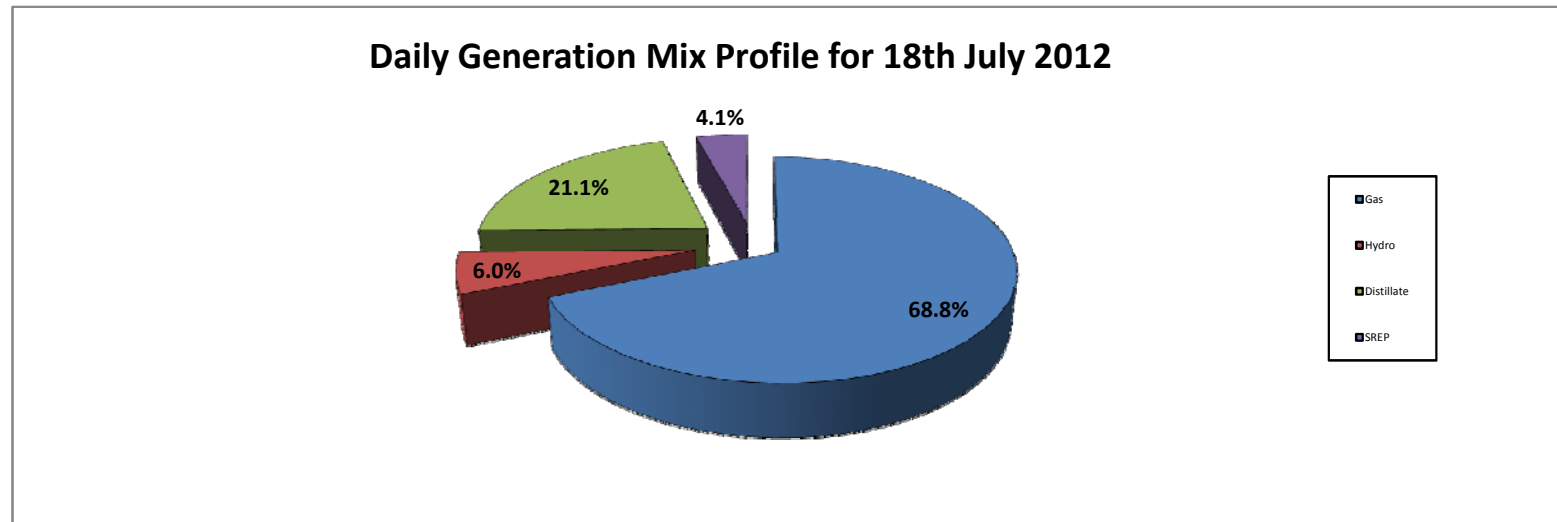
WEST COAST GRID																										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	
ON LINE CAPACITY		579	579	579	579	579	579	579	600.5	635.7	668.7	668.7	668.7	668.7	668.7	664.2	664.2	685.7	661.5	661.5	661.5	649.5	630.5	609	609	
DEMAND		465.9	453.7	432.3	430.2	424.4	446.1	415.9	474.3	540.75	570.05	575.15	566.05	549.45	586.05	593.05	595.75	554.85	491.3	549.7	551	555.9	539.8	509.3	490.1	
OPERATING RESERVE		113.1	125.3	146.7	148.8	154.6	132.9	163.1	126.2	94.95	98.65	93.55	102.65	119.25	126.65	82.65	71.15	68.45	130.85	170.2	111.8	110.5	93.6	90.7	99.7	118.9
West Cost		34089	33248	31925	31780	31368	32874	30704	35946	42151	45482	46151	45508	44727	46783	47197	47421	44770	39445	42845	42946	42897	40531	37455	36310	

WEST COAST GRID OPERATION



Generation Mix Profile for 18th July 2012

Gas	10,692 MWh
Hydro	933 MWh
Distillate	3,287 MWh
SREP	638 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,478.55 MWh	1,678.50 MWh	852.00 MWh	- MWh
IPP	1,808.10 MWh	9,013.40 MWh	80.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	638.40 MWh
TOTAL	3,286.65 MWh	10,691.90 MWh	932.50 MWh	638.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	11%	5%	0%
IPP	12%	58%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,549.45			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	58%
HYDRO (SESB)	5%
HYDRO (IPP)	1%
total	100%

