

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (21st JULY' 2012)	700 MW	706 MW	0.89%
Maximum Energy (21st JULY' 2012)	14.5 GWh	13.8 GWh	-4.83%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

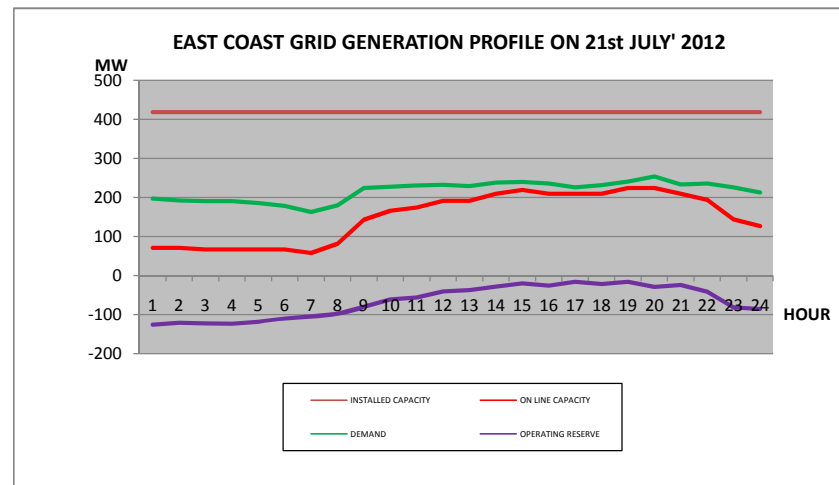
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Jul-12

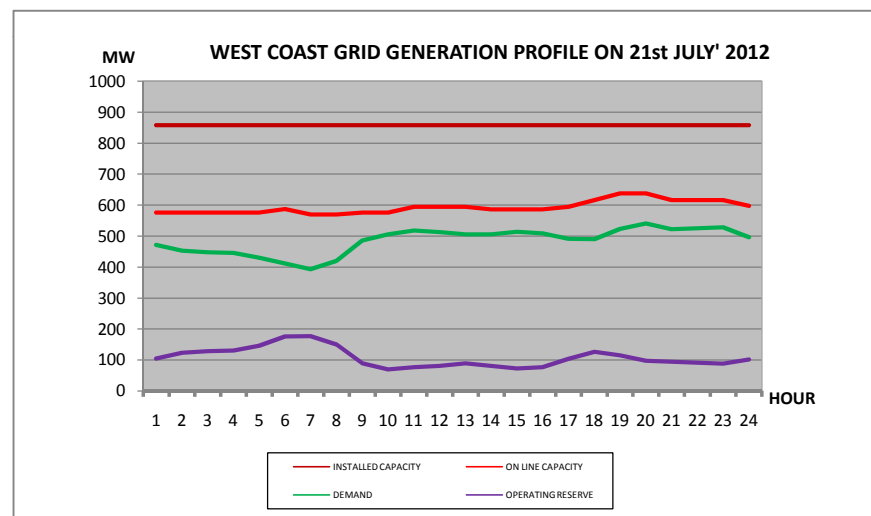
EAST COAST GRID																										
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		71	71	67	67	67	67	58	82	143	166	174	191	191	209	219	209	209	209	224	224	209	194	144	127	
DEMAND		197.22	191.94	190.29	190.57	185.7	178.01	162.66	180.12	223.66	227.16	230.85	232.06	228.97	237.8	239.4	235.47	225.24	231.38	240.48	253.42	233.3	235.72	225.54	212.64	
OPERATING RESERVE		-126.22	-120.94	-123.29	-123.57	-118.7	-111.01	-104.66	-98.12	-80.66	-61.16	-56.85	-41.06	-37.97	-28.8	-20.4	-26.47	-16.24	-22.38	-16.48	-29.42	-24.3	-41.72	-81.54	-85.64	
East Cost		9161.12	9048.56	9148.16	9158.21	9064.21	8898.76	8177.59	10720.1	16263.5	17835.7	19071	20553.3	20370.1	23039.6	22852.8	21357.8	22164.5	22524.6	24333.5	24306.8	23307.7	21213.2	16258.8	14770.8	398441

EAST COAST GRID OPERATION



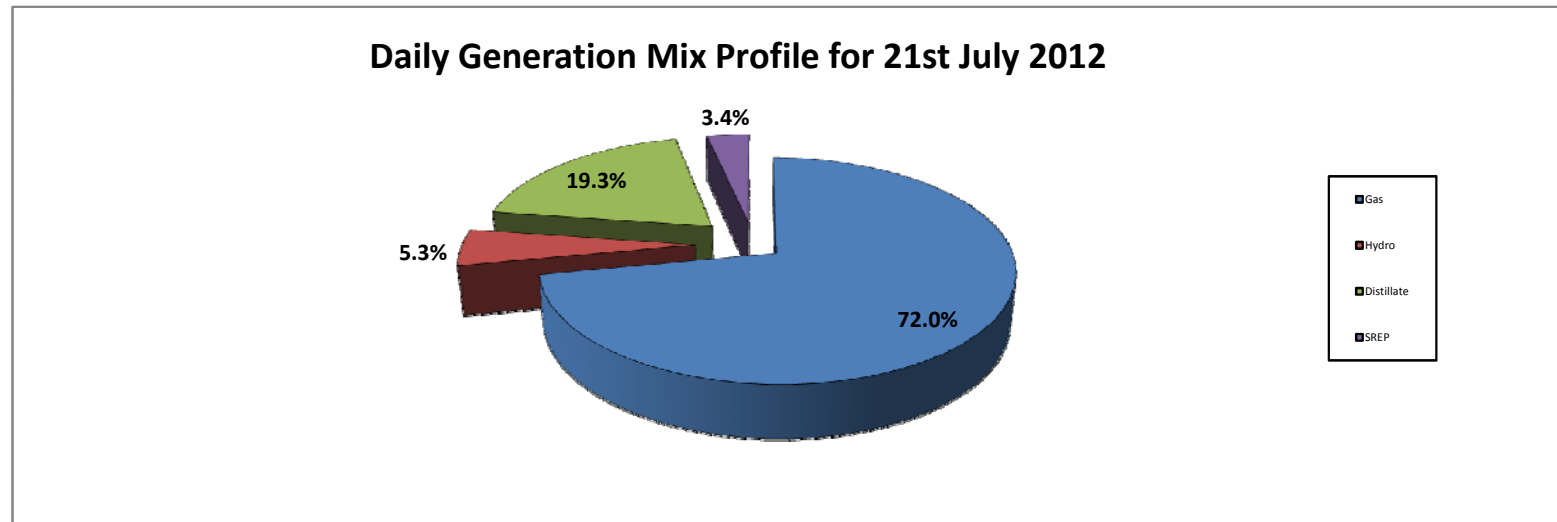
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		576	576	576	576	576	587	569.5	569.5	575.5	575.5	594.5	594.5	594.5	586	586	586	594.5	616.5	638.5	638.5	616.5	616.5	616.5	597.5
DEMAND		471.7	453	447.4	445.9	430.1	411.5	392.8	419.6	486.2	506.3	518.3	513.5	505.9	505.7	513.8	509.1	491.5	490.8	523.7	541.1	522.8	525.3	528.4	496.7
OPERATING RESERVE		104.3	123	128.6	130.1	145.9	175.5	176.7	149.9	89.3	69.2	76.2	81	88.6	80.3	72.2	76.9	103	125.7	114.8	97.4	93.7	91.2	88.1	100.8
West Cost		35822	34492	34051	33752	32580	30706	30888	33107	39379	40270	42147	41787	41501	40726	41819	41616	40550	39771	42355	43453	41383	41316	41401	38019

WEST COAST GRID OPERATION



Generation Mix Profile for 21st July 2012

Gas	10,355 MWh
Hydro	760 MWh
Distillate	2,776 MWh
SREP	490 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,261.90 MWh	1,672.00 MWh	711.00 MWh	- MWh
IPP	1,514.50 MWh	8,683.30 MWh	49.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	490.40 MWh
TOTAL	2,776.40 MWh	10,355.30 MWh	760.10 MWh	490.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	12%	5%	0%
IPP	11%	60%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	14,382.20			

DIST (IPP)	11%
DIST (SESB)	9%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	60%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

