

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (22nd JUNE' 2013)	770 MW	786 MW	2.01%
Maximum Energy (22nd JUNE' 2013)	16.8 MW	15.8 GWh	-5.95%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

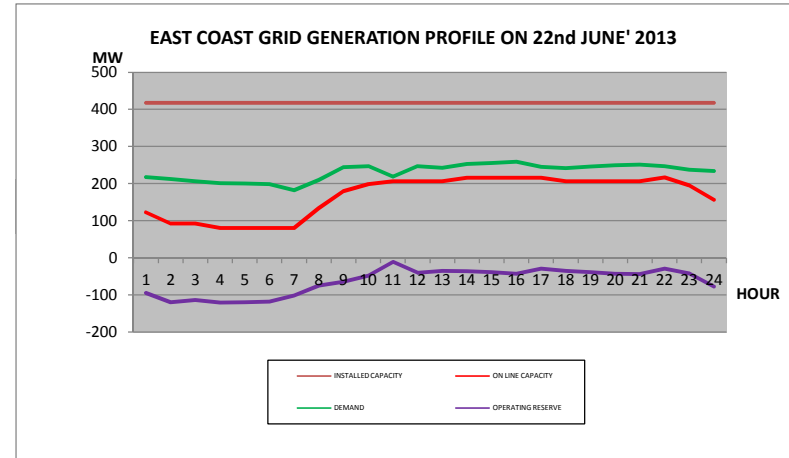
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

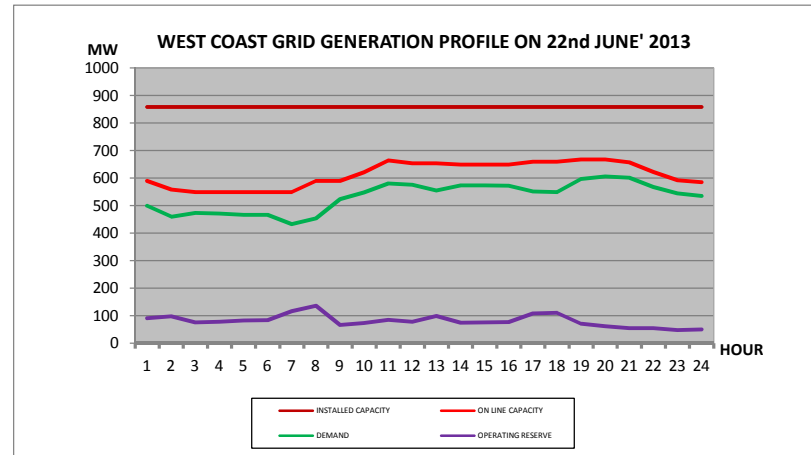
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		122	92	92	80	80	80	80	134	179	198.5	206.5	206.5	206.5	215.5	215.5	215.5	215.5	206.5	206.5	206.5	206.5	216.5	195	156
DEMAND		217.17	211.83	205.8	200.64	200.07	198.32	182.01	209.23	244.01	246.66	218.14	247.01	242.32	252.32	254.92	258.93	245.16	241.74	245.73	249.4	250.93	246.33	237.34	234
OPERATING RESERVE		-95.17	-119.83	-113.8	-120.64	-120.07	-118.32	-102.01	-75.23	-65.01	-48.16	-11.64	-40.51	-35.82	-36.82	-39.42	-43.43	-29.66	-35.24	-39.23	-42.9	-44.43	-29.83	-42.34	-78

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		589.5	558	549.5	549.5	549.5	549.5	549.5	589.5	589.5	620.5	664.5	653.5	653.5	648.5	648.5	648.5	659.5	659.5	667.5	667.5	656.5	622.5	592.5	584.5
DEMAND		499.2	459.8	473.9	471.5	466.9	466	433.2	453.8	522.8	547.3	579.9	575.8	554.4	573.7	572.8	571.6	550.8	548.8	596.3	606	601.3	567.7	544.7	534.9
OPERATING RESERVE		90.3	98.2	75.6	78	82.6	83.5	116.3	135.7	66.7	73.2	84.6	77.7	99.1	74.8	75.7	76.9	108.7	110.7	71.2	61.5	55.2	54.8	47.8	49.6

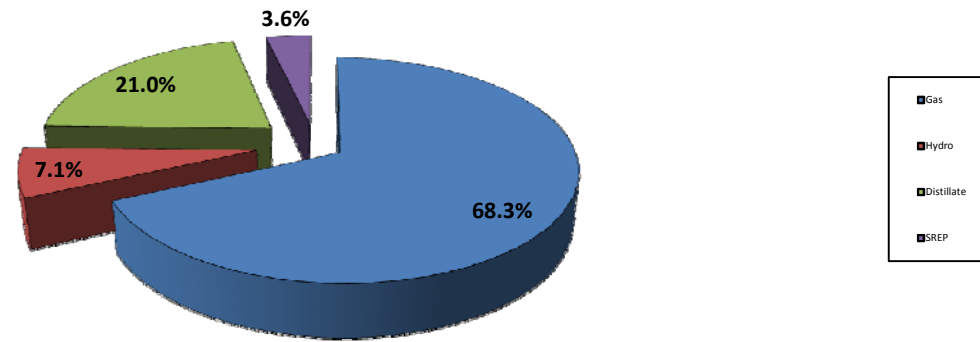
WEST COAST GRID OPERATION



Generation Mix Profile for 22nd June 2013

Gas	10,720 MWh
Hydro	1,121 MWh
Distillate	3,303 MWh
SREP	562 MWh

Daily Generation Mix Profile 22nd June' 2013



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,522.80 MWh	1,008.90 MWh	1,084.20 MWh	- MWh
IPP	1,779.70 MWh	9,711.40 MWh	36.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	562.30 MWh
TOTAL	3,302.50 MWh	10,720.30 MWh	1,120.60 MWh	562.30 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	10%	6%	7%	0%
IPP	11%	62%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,705.70			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	6%
GAS (IPP)	62%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 22nd June' 2013

