

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (23rd JULY' 2013)	830 MW	833 MW	0.39%
Maximum Energy (23rd JULY' 2013)	16.5 MW	16.3 GWh	-1.21%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

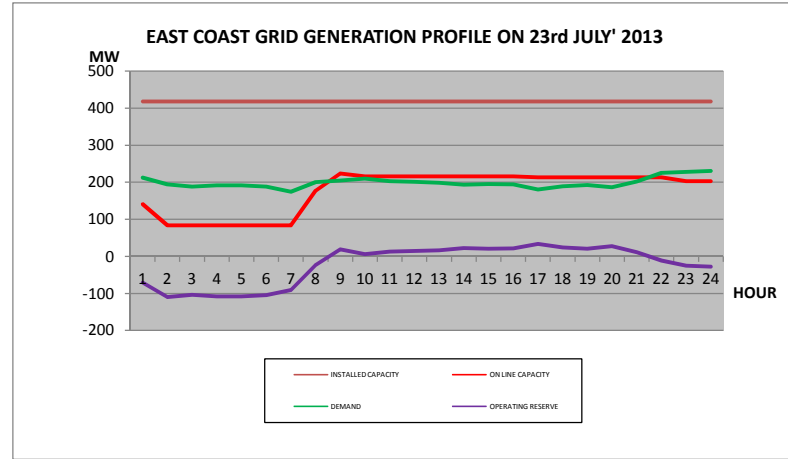
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

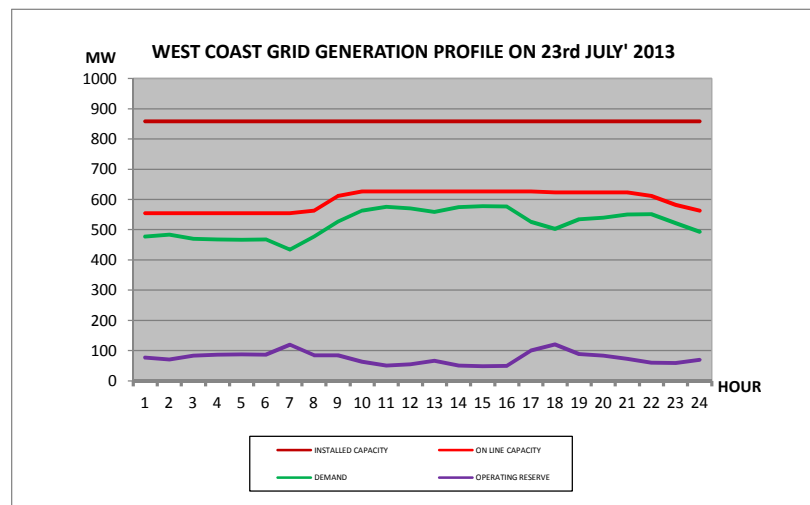
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		141	84	84	84	84	84	84	177	223.5	215.5	215.5	215.5	215.5	215.5	215.5	215.5	213.5	213.5	213.5	213.5	213.5	213.5	203	203
DEMAND		212.39	193.91	188.22	191.759	191.88	188.46	174.52	200.64	204.36	209.81	202.45	200.82	198.91	192.91	195.27	194.15	180.32	189.23	192.56	186.38	202.27	225.29	228.06	230.85
OPERATING RESERVE		-71.39	-109.91	-104.22	-107.759	-107.88	-104.46	-90.52	-23.64	19.14	5.69	13.05	14.68	16.59	22.59	20.23	21.35	33.18	24.27	20.94	27.12	11.23	-11.79	-25.06	-27.85

EAST COAST GRID OPERATION



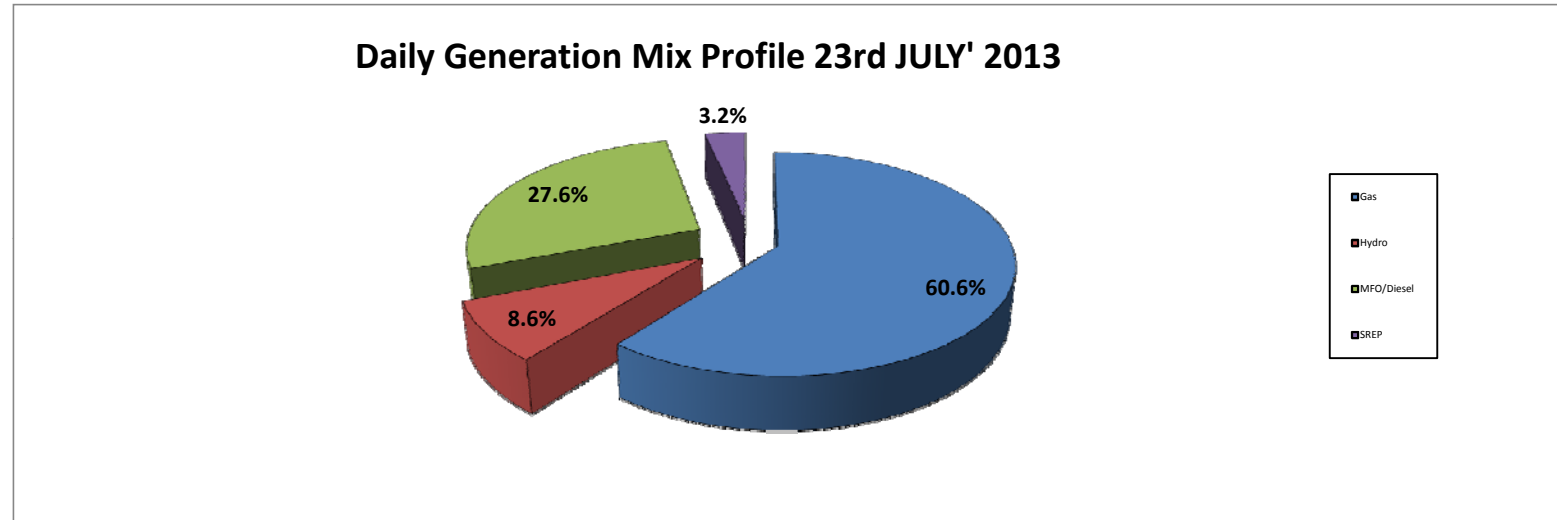
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		554	554	554	554	554	554	554	562.5	611.5	626	626	626	626	626	626	626	626	623.5	623.5	623.5	623.5	611.5	581.5	562.5
DEMAND		477.1	483.7	470.1	467.8	466.4	467.8	434.1	477.7	526.8	562.8	575.7	570.8	559.2	575	577.5	576.6	526	502.9	534.3	540	550.4	551.8	521.9	493
OPERATING RESERVE		76.9	70.3	83.9	86.2	87.6	86.2	119.9	84.8	84.7	63.2	50.3	55.2	66.8	51	48.5	49.4	100	120.6	89.2	83.5	73.1	59.7	59.6	69.5

WEST COAST GRID OPERATION



Generation Mix Profile for 23rd JULY 2013

Gas	9,854 MWh
Hydro	1,396 MWh
MFO/Diesel	4,487 MWh
SREP	527 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	2,052.76 MWh	2,150.08 MWh	1,340.20 MWh	- MWh
IPP	2,434.36 MWh	7,704.08 MWh	55.32 MWh	- MWh
SREP	- MWh	- MWh	- MWh	526.78 MWh
TOTAL	4,487.12 MWh	9,854.16 MWh	1,395.52 MWh	526.78 MWh

	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	13%	13%	8%	0%
IPP	15%	47%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	16,263.58			

DIST (IPP)	15%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	13%
GAS (IPP)	47%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

