

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (2nd JULY' 2013)	870 MW	840 MW	-3.51%
Maximum Energy (2nd JULY' 2013)	17.2 MW	16.0 GWh	-6.98%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

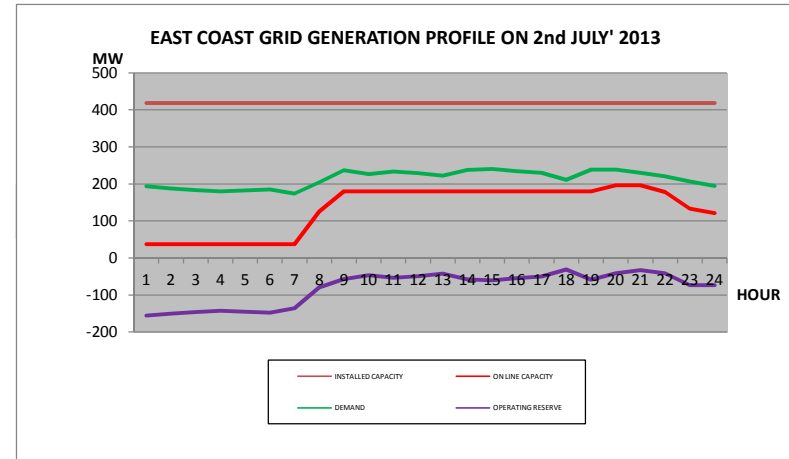
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

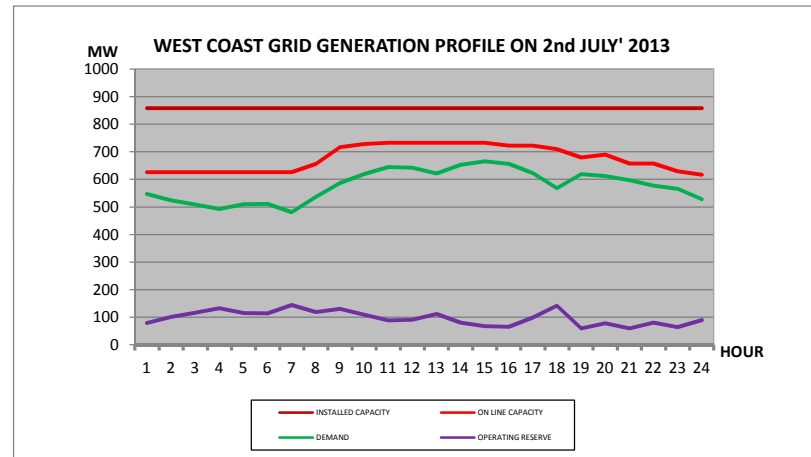
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		37	37	37	37	37	37	37	125	179.5	179.5	179.5	179.5	179.5	179.5	179.5	179.5	179.5	179.5	196.5	196.5	178	133	121	
DEMAND		193.13	187.33	183.52	179.59	181.99	185.14	173.26	204.239	237.05	226.23	233.41	228.82	222.05	237.24	240.19	234.13	229.83	210.67	238.58	238.27	229.77	220	206.59	194.78
OPERATING RESERVE		-156.13	-150.33	-146.52	-142.59	-144.99	-148.14	-136.26	-79.239	-57.55	-46.73	-53.91	-49.32	-42.55	-57.74	-60.69	-54.63	-50.33	-31.17	-59.08	-41.77	-33.27	-42	-73.59	-73.78

EAST COAST GRID OPERATION



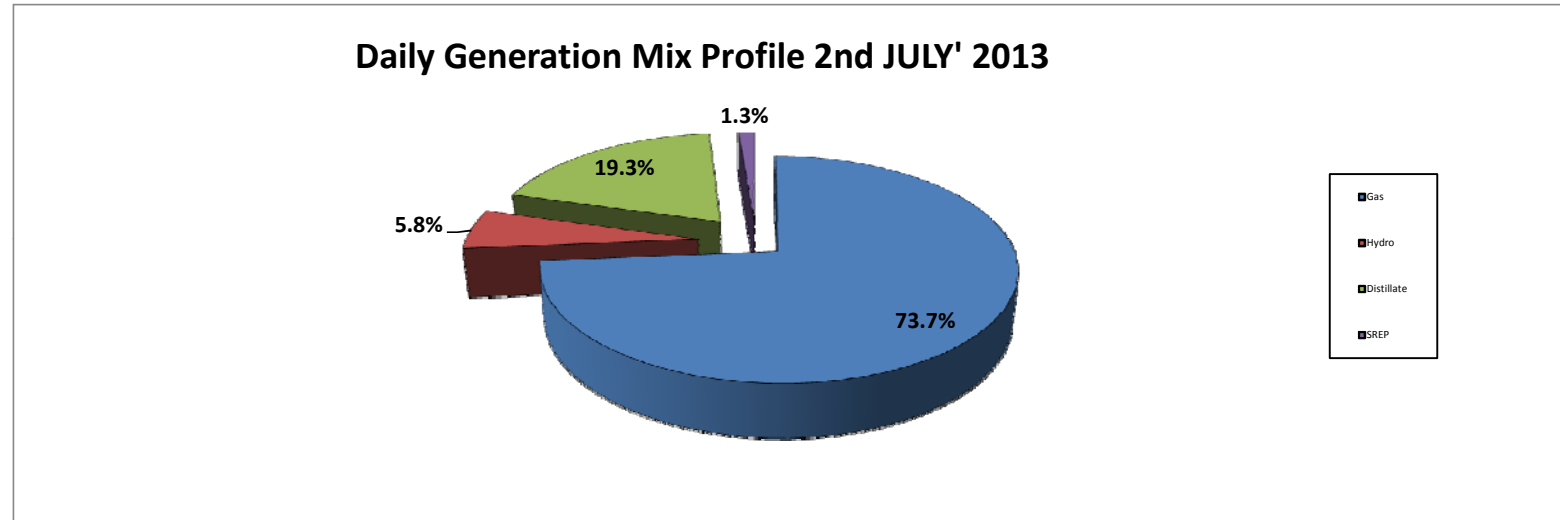
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		625.5	625.5	625.5	625.5	625.5	625.5	625.5	656	717	728	733	733	733	733	733	722	722	710	679	690	657	657	630	616.5
DEMAND		546.6	524.3	508.6	492.7	510.5	511.3	480.6	537	586.4	618.9	644.6	642.1	621.6	652.8	665.7	656.7	622.8	568.3	618.8	611.8	597	577	565.5	527.1
OPERATING RESERVE		78.9	101.2	116.9	132.8	115	114.2	144.9	119	130.6	109.1	88.4	90.9	111.4	80.2	67.3	65.3	99.2	141.7	60.2	78.2	60	80	64.5	89.4

WEST COAST GRID OPERATION



Generation Mix Profile for 2nd JULY 2013

Gas	12,035 MWh
Hydro	945 MWh
Distillate	3,147 MWh
SREP	209 MWh



	MFO/DIESEL	GAS	HYDRO	BIOMASS
SESB	1,458.00 MWh	1,886.20 MWh	896.20 MWh	- MWh
IPP	1,688.70 MWh	10,149.20 MWh	48.90 MWh	- MWh
SREP	- MWh	- MWh	MWh	209.00 MWh
TOTAL	3,146.70 MWh	12,035.40 MWh	945.10 MWh	209.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	12%	5%	0%
IPP	10%	62%	0%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%
TOTALLY	16,336.20			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	1%
GAS (SESB)	12%
GAS (IPP)	62%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

