

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (24th JAN' 2013)	700 MW	717 MW	2.49%
Maximum Energy (24th JAN 2013)	14.4 MW	13.6 GWh	-5.56%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

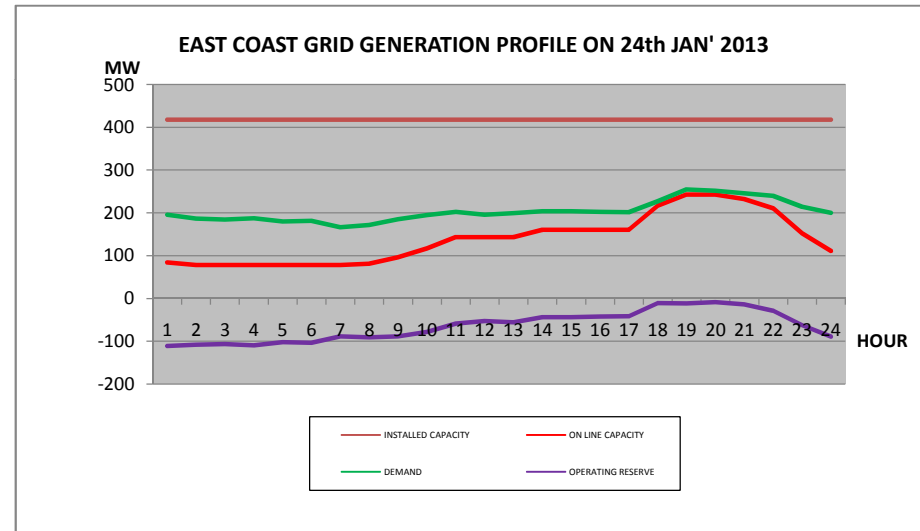
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

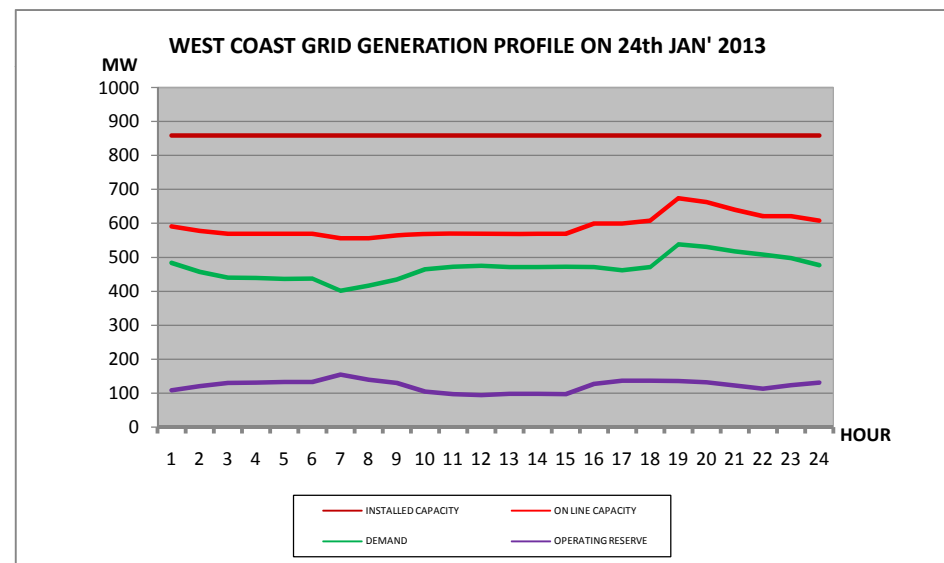
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		84	78	78	78	78	78	78	81	96	117	143	143	143	160	160	160	160	216	242.5	242.5	232	210	152	111
DEMAND		195.34	186.68	184.52	187.85	180.22	181.62	166.68	172.03	185.2	195.13	202.31	195.97	199.33	203.91	204.17	202.45	201.43	226.85	254.37	251.39	245.82	239.4	214.41	200.28
OPERATING RESERVE		-111.34	-108.68	-106.52	-109.85	-102.22	-103.62	-88.68	-91.03	-89.2	-78.13	-59.31	-52.97	-56.33	-43.91	-44.17	-42.45	-41.43	-10.85	-11.87	-8.89	-13.82	-29.4	-62.41	-89.28
East Cost		10370.5	10033.4	10053.2	9450.16	9291.96	9538.9	9077.94	10079	11822.3	13465.9	16295.9	16021.1	16308.3	18107.9	18319.2	17892.6	18265.8	23981	26800.8	27130.7	26362.2	23589.9	17514.8	13804.7

EAST COAST GRID OPERATION



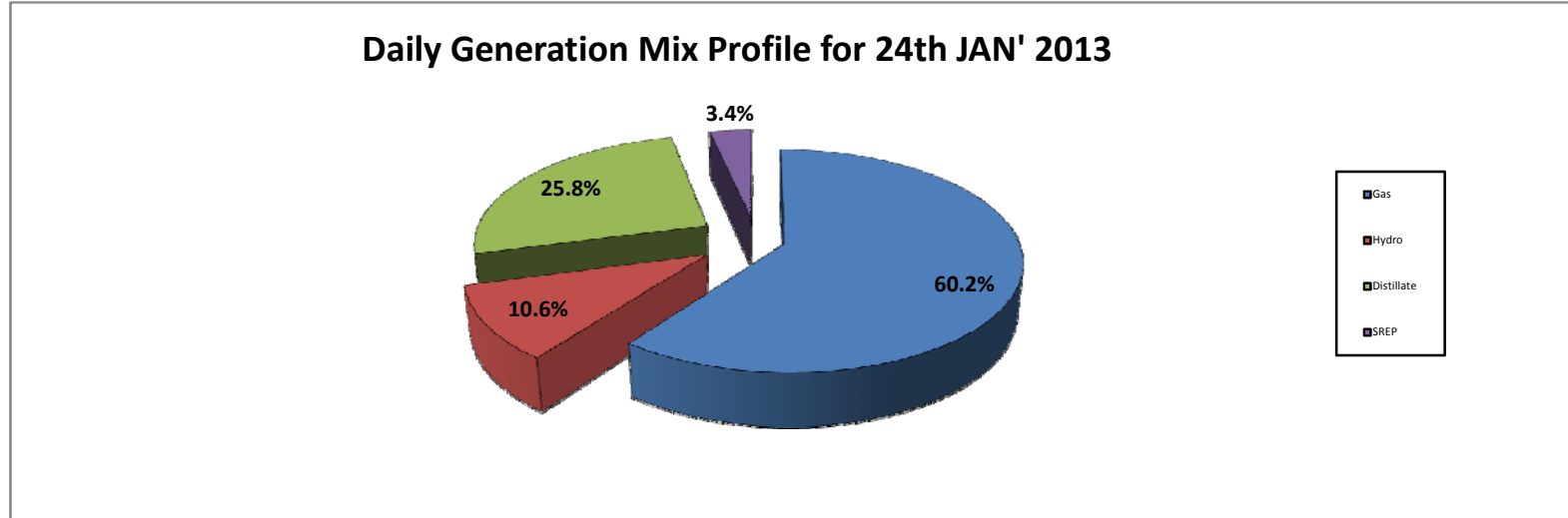
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		591.5	578.5	570	570	570	570	556.5	556.5	565	569.5	569.5	569.5	569.5	569.5	569.5	599.5	599.5	608	674.5	663.5	640.5	621.5	621.5	608.5
DEMAND		483.2	457.2	439.8	438.9	436.4	436.8	401.4	416.7	434.3	464.9	472.4	475.1	471.1	471.3	472.1	471.5	462.2	471.3	538.15	530.95	517.2	508.3	497.4	477.2
OPERATING RESERVE		108.3	121.3	130.2	131.1	133.6	133.2	155.1	139.8	130.7	104.6	97.1	94.4	98.4	98.2	97.4	128	137.3	136.7	136.35	132.55	123.3	113.2	124.1	131.3
West Cost		36854.1	34062.8	32491.3	32586.9	32524.8	32414.2	30932.7	31737.4	32943.1	36042.8	36206.7	36403.6	36488.7	36525.3	36532.7	37485.5	37596.9	38388	44626.1	42940.8	41040	39098.6	39037.3	36731.1

WEST COAST GRID OPERATION



Generation Mix Profile for 24th January 2013

Gas	9,298 MWh
Hydro	1,644 MWh
Distillate	3,989 MWh
SREP	526 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,988.80 MWh	1,835.20 MWh	1,581.00 MWh	- MWh
IPP	1,999.90 MWh	7,462.80 MWh	63.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	525.60 MWh
TOTAL	3,988.70 MWh	9,298.00 MWh	1,644.40 MWh	525.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	12%	10%	0%
IPP	13%	48%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,456.70			

DIST (IPP)	13%
DIST (SESB)	13%
SREP	3%
GAS (SESB)	12%
GAS (IPP)	48%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

