

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (23rd JAN' 2013)	800 MW	786 MW	-1.78%
Maximum Energy (23rd JAN 2013)	16.8 MW	15.5 GWh	-7.74%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

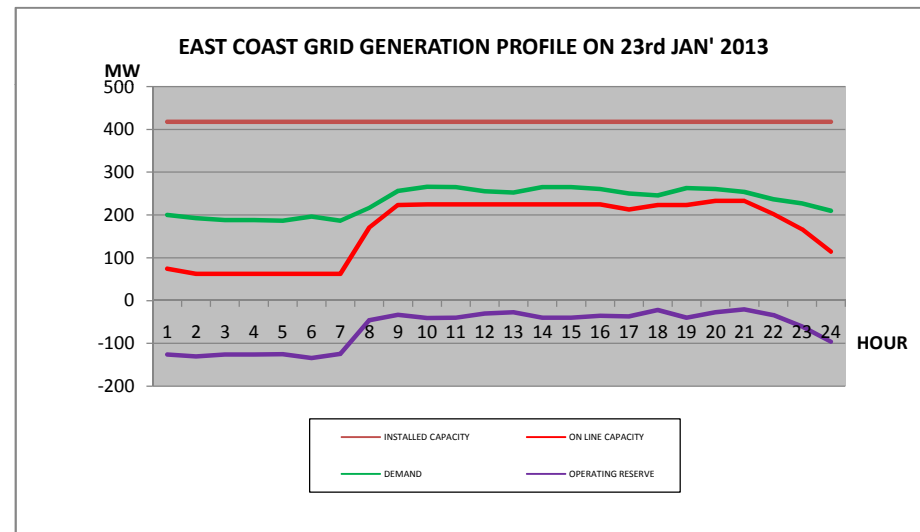
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

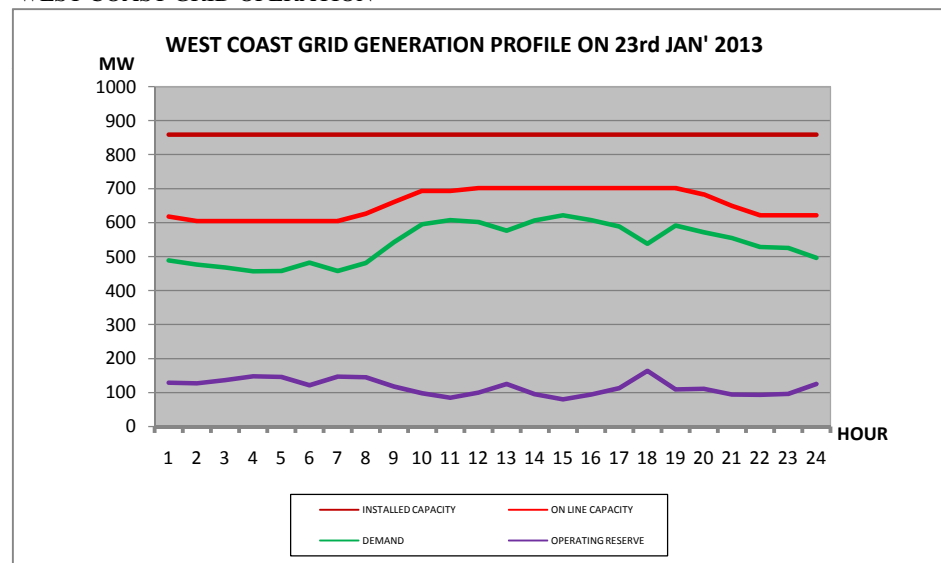
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		74	62	62	62	62	62	62	170	222.7	224.7	224.7	224.7	224.7	224.7	224.7	212.7	222.7	222.7	232.7	232.7	202	166	114	
DEMAND		200.07	192.83	188.28	187.89	187.05	196.33	186.69	216.17	256.18	265.79	264.79	255.51	252.6	265.19	265.37	260.82	249.83	245.47	263	260.21	253.66	236.5	227.28	210.01
OPERATING RESERVE		-126.07	-130.83	-126.28	-125.89	-125.05	-134.33	-124.69	-46.17	-33.48	-41.09	-40.09	-30.81	-27.9	-40.49	-40.67	-36.12	-37.13	-22.77	-40.3	-27.51	-20.96	-34.5	-61.28	-96.01
East Cost		9144.98	7591.07	7345.2	7575.57	7883.81	7617.83	7561.19	17381.2	24569.7	24968.5	25405.2	24997.9	25762.7	25827.4	24875.2	25628.6	22085.9	23589.3	24455.7	25461.1	25492.5	21527.2	17731.8	12984.8

EAST COAST GRID OPERATION



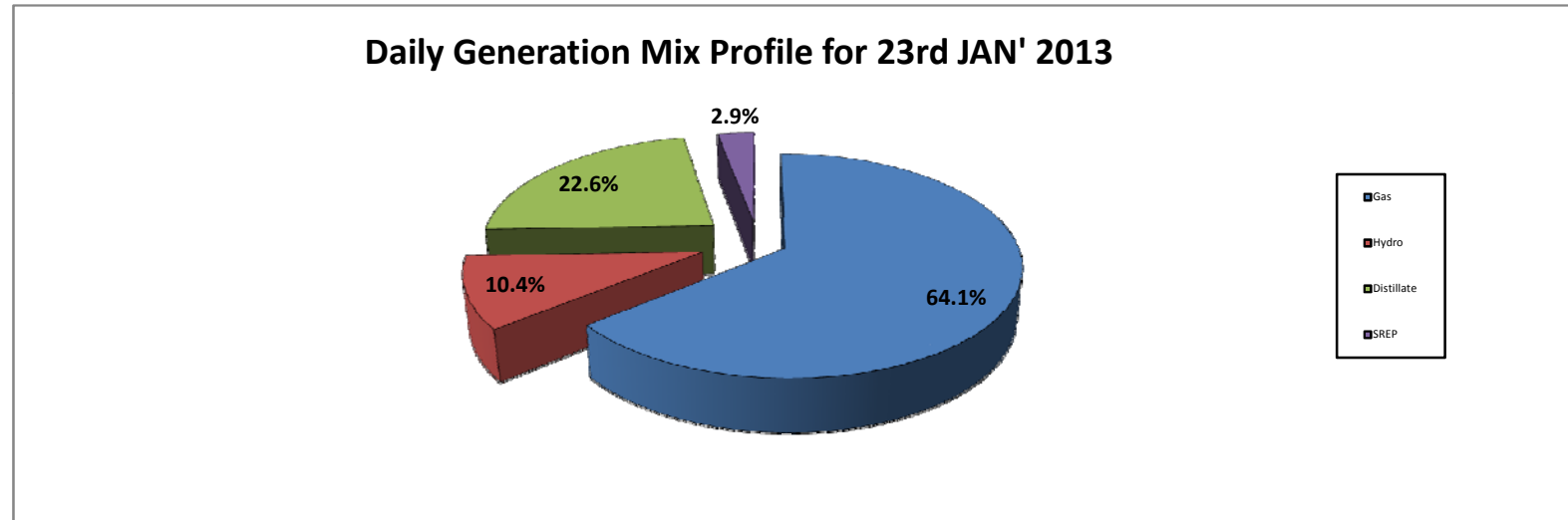
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		617.5	604.5	604.5	604.5	604.5	604.5	604.5	626	660.5	693.1	693.1	701.6	701.6	701.6	701.6	701.6	701.6	701.6	701.6	682.5	648.5	621.5	621.5	621.5
DEMAND		488.4	476.9	467.7	456.7	457.9	482.5	457.2	481	542.3	594.9	607.9	602.2	576.4	606.9	621.6	607.5	588.3	537.4	591.9	571.2	554.5	528.4	525.2	496.2
OPERATING RESERVE		129.1	127.6	136.8	147.8	146.6	122	147.3	145	118.2	98.2	85.2	99.4	125.2	94.7	80	94.1	113.3	164.2	109.7	111.3	94	93.1	96.3	125.3
West Cost		36617.7	34972.5	34343.6	33552.8	33669.5	35253.5	33763.2	36312.4	42981	47331.3	48313.1	47969.3	46125.7	48606.4	49659.8	49145.1	47973.3	43949.1	48111.3	46129.6	43902.3	40341.2	39820.6	38636.1

WEST COAST GRID OPERATION



Generation Mix Profile for 23rd January 2013

Gas	10,202 MWh
Hydro	1,656 MWh
Distillate	3,589 MWh
SREP	465 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,734.30 MWh	2,093.50 MWh	1,584.00 MWh	- MWh
IPP	1,855.19 MWh	8,108.40 MWh	72.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	465.20 MWh
TOTAL	3,589.49 MWh	10,201.90 MWh	1,656.40 MWh	465.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	13%	10%	0%
IPP	12%	51%	0%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%

TOTALLY

15,912.99

DIST (IPP)	12%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	13%
GAS (IPP)	51%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

