

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (18th JAN' 2013)	780 MW	758 MW	-2.77%
Maximum Energy (18th JAN 2013)	15.7 MW	15.1 GWh	-3.82%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

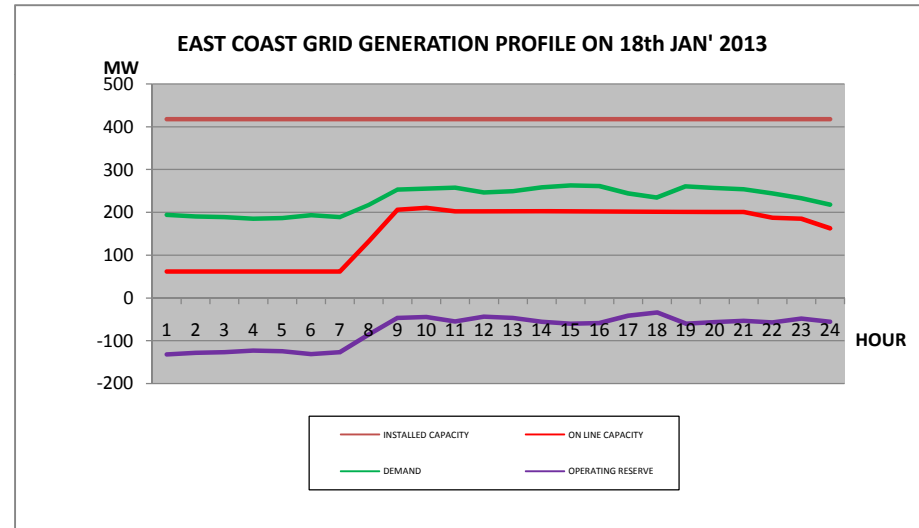
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

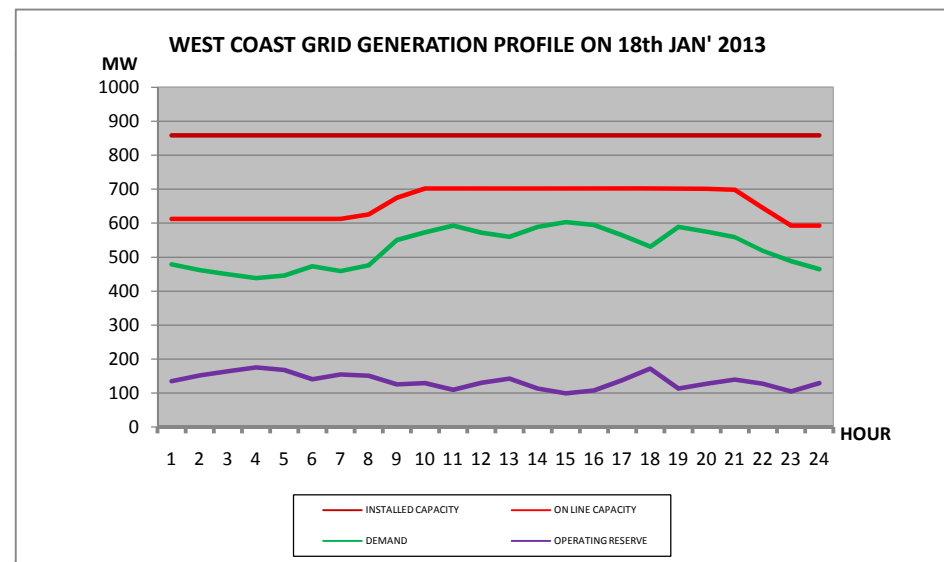
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		62	62	62	62	62	62	62	132	206.5	210.7	202.7	202.7	202.7	202.7	202.7	202.7	200.7	200.7	200.7	200.7	187.2	185	163	
DEMAND		194.33	190.83	189.19	185.5	186.93	193.91	189.41	217.38	252.9	255.06	257.5	246.43	249.21	258.54	262.85	261.54	244.21	234.32	260.57	256.89	254.09	244.09	232.83	218.19
OPERATING RESERVE		-132.33	-128.83	-127.19	-123.5	-124.93	-131.91	-127.41	-85.38	-46.4	-44.36	-54.8	-43.73	-46.51	-55.84	-60.15	-58.84	-41.51	-33.62	-59.87	-56.19	-53.39	-56.89	-47.83	-55.19
East Cost		7765.24	7825.14	7670.1	7916.3	7921.2	7633.03	7601.96	13759.4	22260.3	24555.7	23531.5	21735	22110.2	22785.3	22480.2	22658.5	22603.2	21960.6	21855	21752.6	21749	20041.6	19197.1	16986.6

EAST COAST GRID OPERATION



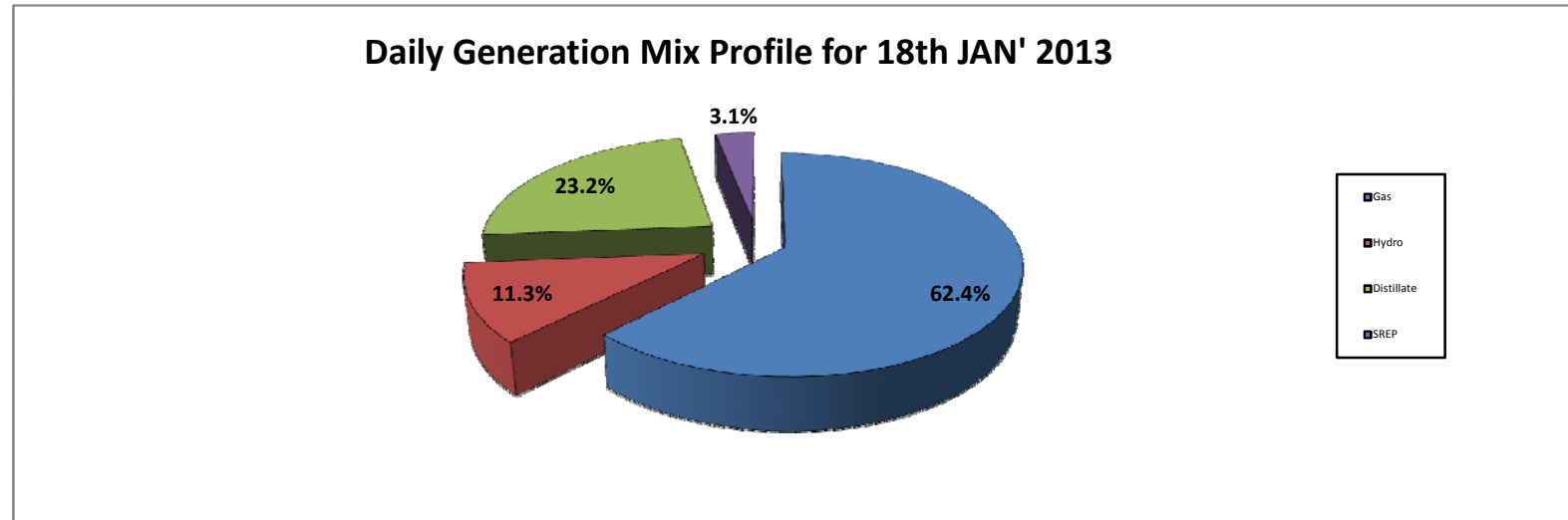
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		613	613	613	613	613	613	613	626	675	702.2	702.2	702.2	702.2	702.2	702.2	702.2	702.2	702.2	702.2	701.6	698	645	593	593
DEMAND		478.5	461.7	449.1	437.9	445.7	472.5	458.6	475.5	550.1	572.75	592.85	572.25	560.05	589.35	603.25	594.85	564.25	530.75	589.45	574.7	558.43	518.2	488.4	463.9
OPERATING RESERVE		134.5	151.3	163.9	175.1	167.3	140.5	154.4	150.5	124.9	129.45	109.35	129.95	142.15	112.85	98.95	107.35	137.95	171.45	112.75	126.9	139.57	126.8	104.6	129.1
West Cost		35642.3	34559.4	33721.2	33135.9	33669.9	35204.3	34719.5	36638.9	44155.5	47350.5	48357.8	46950.6	46258.5	48511.1	49230.4	48354	46352	44212.6	47864.3	47056.5	45501.7	41241.2	38715.2	36788.3

WEST COAST GRID OPERATION



Generation Mix Profile for 18th January 2013

Gas	9,660 MWh
Hydro	1,754 MWh
Distillate	3,589 MWh
SREP	477 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,416.10 MWh	2,170.03 MWh	1,632.00 MWh	- MWh
IPP	2,173.20 MWh	7,489.60 MWh	121.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	477.00 MWh
TOTAL	3,589.30 MWh	9,659.63 MWh	1,753.50 MWh	477.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	14%	11%	0%
IPP	14%	48%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,479.43			

DIST (IPP)	14%
DIST (SESB)	9%
SREP	3%
GAS (SESB)	14%
GAS (IPP)	48%
HYDRO (SESB)	11%
HYDRO (IPP)	1%
total	100%

