

GRID SYSTEM OPERATION SUMMARY (SABAH)

		FORECAST	ACTUAL	VARIANCE
Maximum Demand (1st FEB' 2013)		800 MW	760 MW	-4.96%
Maximum Energy (1st FEB' 2013)		16.7 MW	15.2 GWh	-8.98%
Maximum Demand (record high 28/06/11)		800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

Electricity Supply & Market Regulations Dept.

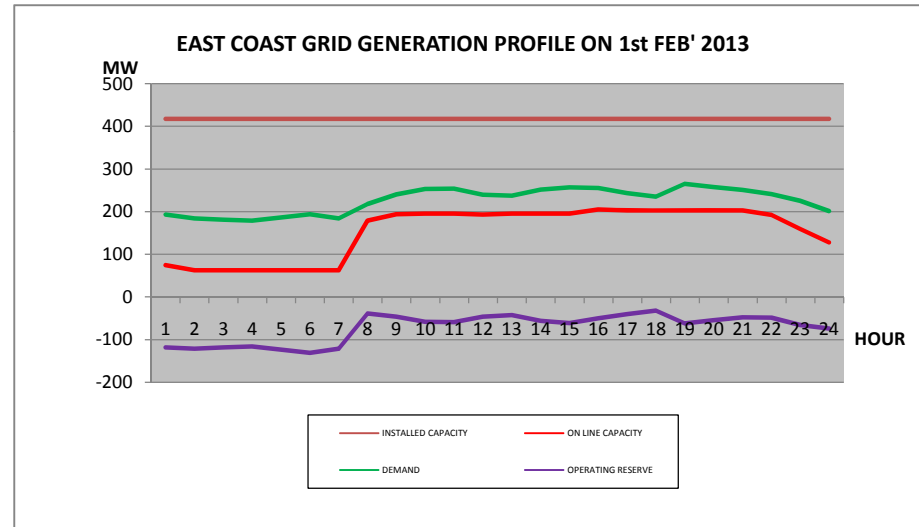
Energy Commission Malaysia

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		75	63	63	63	63	63	63	179	194.5	195.5	195.5	193.5	195.5	195.5	195.5	205.5	203.5	203.5	203.5	203.5	193	160	128	
DEMAND		193.12	184.68	181.44	179.13	186.81	194.24	184.12	217.96	240.71	253.34	254.35	240	237.56	251.82	257.04	255.55	243.78	235.35	265.51	257.72	251.15	241.45	225.48	201.92
OPERATING RESERVE		-118.12	-121.68	-118.44	-116.13	-123.81	-131.24	-121.12	-38.96	-46.21	-57.84	-58.85	-46.5	-42.06	-56.32	-61.54	-50.05	-40.28	-31.85	-62.01	-54.22	-47.65	-48.45	-65.48	-73.92
East Cost		10201.2	8908.05	8886.57	9133.62	9527.25	9299.59	8848.52	19851.4	22003	22780.9	24123.4	22702	24455.6	23536.2	24180.7	26008.2	24479.2	24233.7	25277.9	24961	24940.1	23187.4	19941.8	13563.6

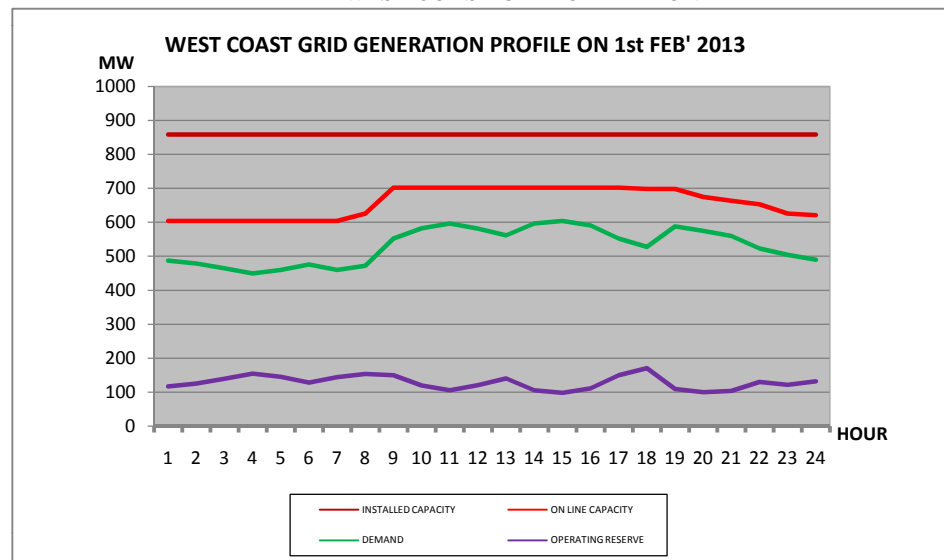
EAST COAST GRID OPERATION



WEST COAST GRID

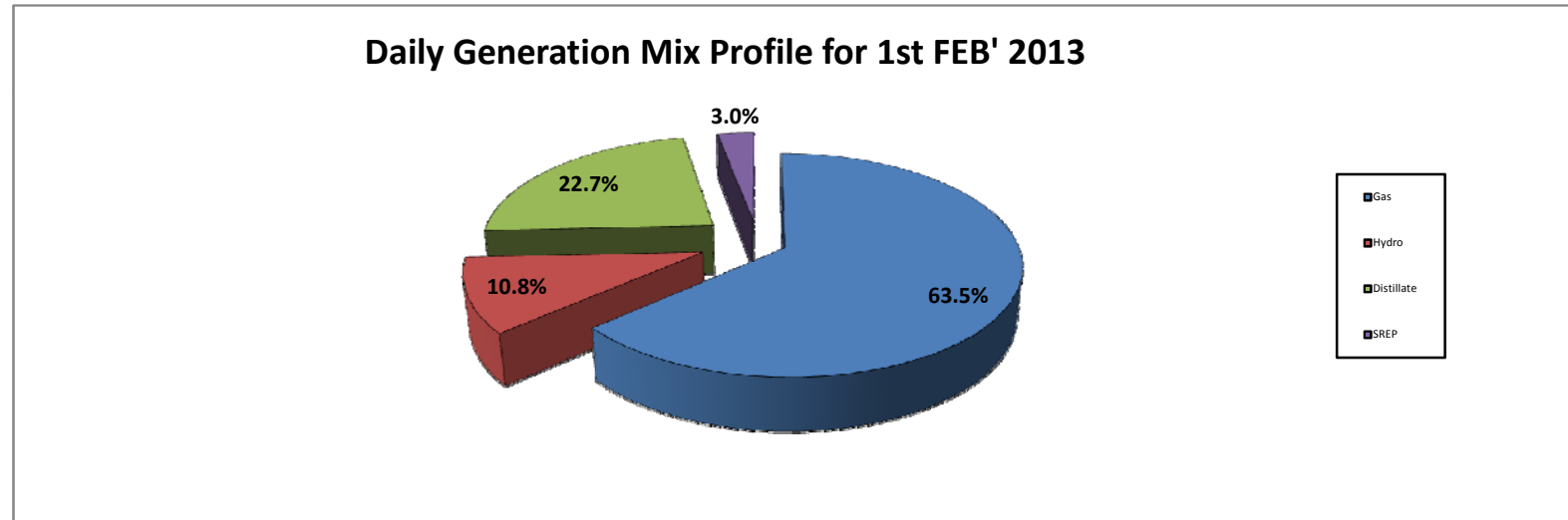
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		604.5	604.5	604.5	604.5	604.5	604.5	604.5	626	702.2	702.2	702.2	702.2	702.2	702.2	702.2	702.2	702.2	698	698	675	664	653	626	621.5
DEMAND		487.9	479.3	465.1	449.8	459.8	476.4	460.6	472.5	552.55	582.95	596.55	581.15	561.55	596.65	604.15	590.85	552.25	527.5	588.3	574.8	560	522.9	504.4	489.9
OPERATING RESERVE		116.6	125.2	139.4	154.7	144.7	128.1	143.9	153.5	149.65	119.25	105.65	121.05	140.65	105.55	98.05	111.35	149.95	170.5	109.7	100.2	104	130.1	121.6	131.6
West Cost		36678.3	35989.5	34862.7	33530.2	34470	35754	34584.9	36407.8	45284.1	47732.6	48631.8	47198.3	46547.7	48849.9	49438.2	48252.1	46197.5	43035.8	47423.2	45713.6	44251.2	41677.3	38879.2	38216.7

WEST COAST GRID OPERATION



Generation Mix Profile for 1st February 2013

Gas	9,929 MWh
Hydro	1,688 MWh
Distillate	3,554 MWh
SREP	461 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,653.05 MWh	2,277.40 MWh	1,566.00 MWh	- MWh
IPP	1,900.80 MWh	7,652.00 MWh	121.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	461.40 MWh
TOTAL	3,553.85 MWh	9,929.40 MWh	1,687.70 MWh	461.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	15%	10%	0%
IPP	12%	49%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,632.35			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	49%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

