

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th FEB' 2013)	800 MW	759 MW	-5.10%
Maximum Energy (20th FEB' 2013)	16.6 MW	15.2 GWh	-8.43%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

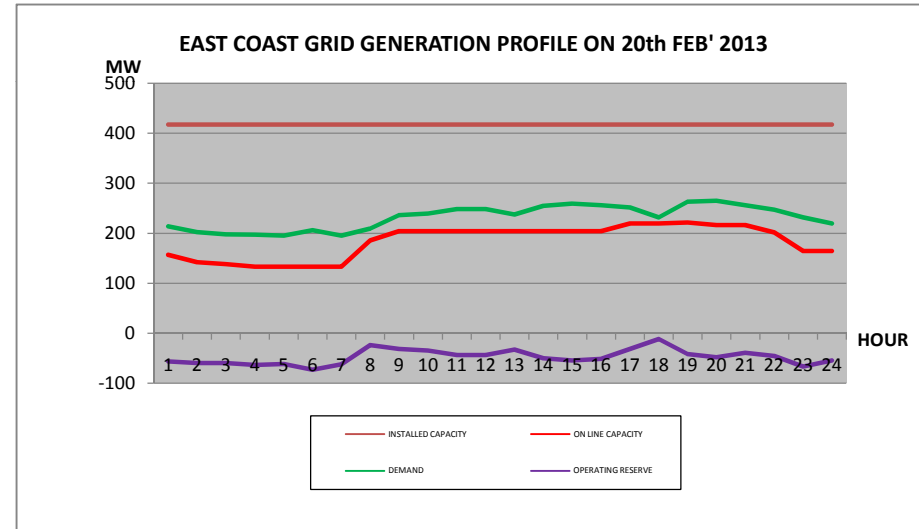
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

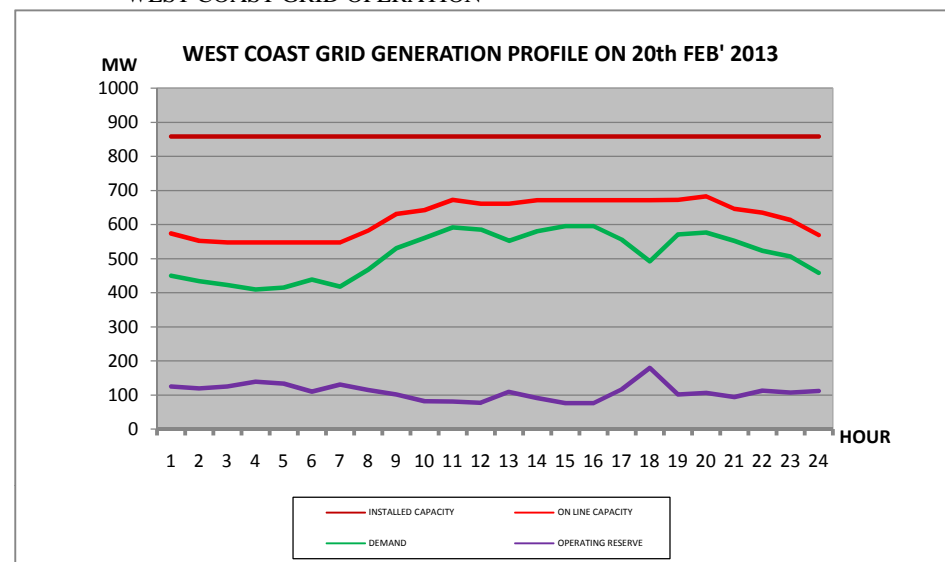
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		157	142	138	133	133	133	133	185.5	204.5	204.5	204.5	204.5	204.5	204.5	204.5	204.5	219.5	219.5	221.5	216.5	216.5	201.5	164.5	164.5
DEMAND		213.65	201.91	197.78	196.74	195.01	206.24	195.18	209.36	236.09	239.23	248.53	248.12	237.32	254.48	259.51	256.32	251.23	231.42	263.2	265.01	256.18	247.26	231.67	219.3
OPERATING RESERVE		-56.65	-59.91	-59.78	-63.74	-62.01	-73.24	-62.18	-23.86	-31.59	-34.73	-44.03	-43.62	-32.82	-49.98	-55.01	-51.82	-31.73	-11.92	-41.7	-48.51	-39.68	-45.76	-67.17	-54.8
East Cost		17235.7	16021.3	14698.4	15344.6	15266.2	15508	15219.6	19564.8	23245	23710.5	23889.9	24167.7	24481.8	24903.4	24744.7	24015.1	23760.2	24195.7	26505.8	25906.7	25573.5	22856.4	18810.4	18577.4

EAST COAST GRID OPERATION



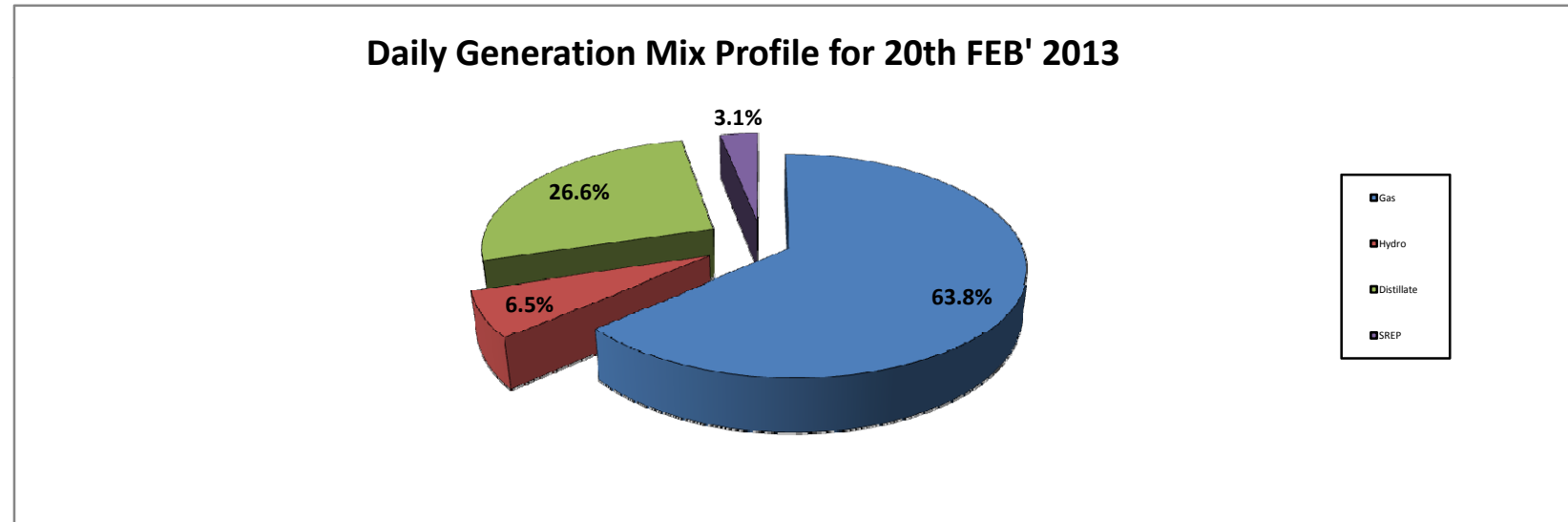
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		574	552	547.5	547.5	547.5	547.5	547.5	582	631.2	642.2	672.2	661.2	661.2	671.1	671.1	671.1	671.1	671.1	672.2	682.6	646	635	613	569.5
DEMAND		449.1	433.3	422.5	409.1	414.6	438.2	417.6	467.8	530.35	560.75	591.55	584.55	552.25	579.75	595.15	595.15	555.35	492.15	570.65	576.4	552.2	522.4	505.8	457.8
OPERATING RESERVE		124.9	118.7	125	138.4	132.9	109.3	129.9	114.2	100.85	81.45	80.65	76.65	108.95	91.35	75.95	75.95	115.75	178.95	101.55	106.2	93.8	112.6	107.2	111.7
West Cost		36694.5	36330.8	35182.5	34546.3	34999.5	36620.7	35166.7	38210.3	42877.5	44537	47948.1	47256.4	46034.2	48268.5	48312.4	48220.4	46141.1	41729.1	48012	48064.8	46583.7	44244.8	42358.4	37201.1

WEST COAST GRID OPERATION



Generation Mix Profile for 20th February 2013

Gas	9,981 MWh
Hydro	1,023 MWh
Distillate	4,171 MWh
SREP	479 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,739.95 MWh	2,458.10 MWh	939.00 MWh	- MWh
IPP	2,431.50 MWh	7,523.30 MWh	84.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	479.10 MWh
TOTAL	4,171.45 MWh	9,981.40 MWh	1,023.00 MWh	479.10 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	16%	6%	0%
IPP	16%	48%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	15,654.95			

DIST (IPP)	16%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	16%
GAS (IPP)	48%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

