

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (21st JAN' 2013)	795 MW	780 MW	-1.89%
Maximum Energy (21st JAN 2013)	16.8 MW	14.9 GWh	-11.31%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

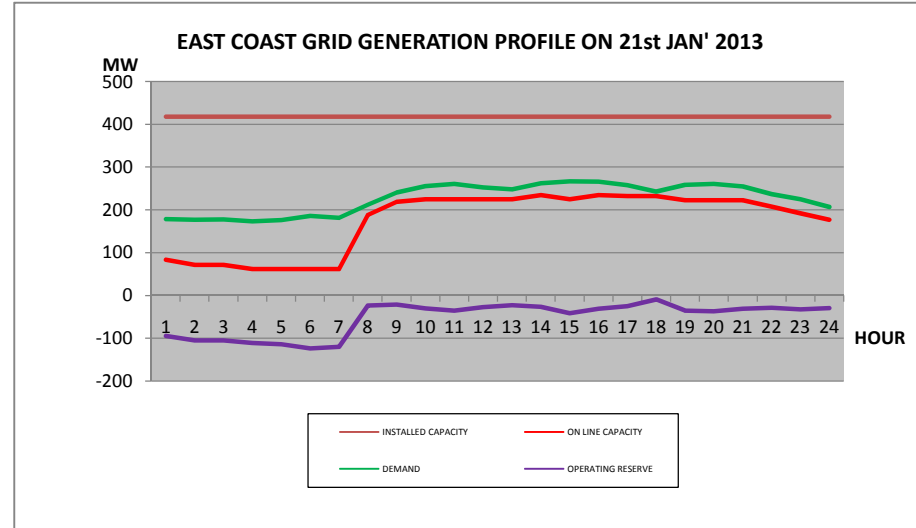
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

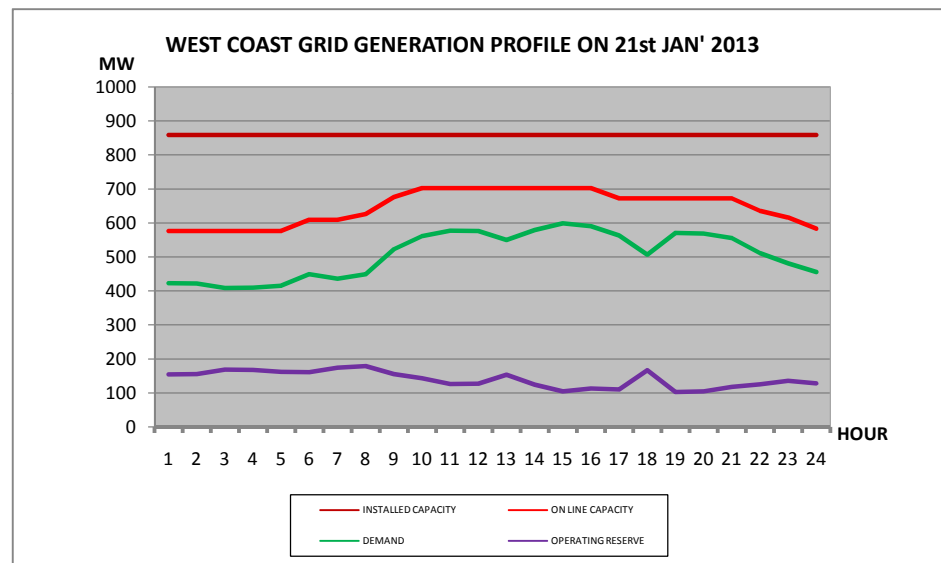
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		84	72	72	62	62	62	62	188	218.7	224.7	224.7	224.7	224.7	234.7	224.7	234.7	232.7	232.7	222.7	222.7	222.7	207.7	192	177
DEMAND		178.42	176.95	177.17	173.03	176.15	185.54	181.49	211.9	240.58	255.47	260.74	252.47	247.45	261.73	266.38	265.84	257.74	242.32	258.03	260.13	254.08	236.72	224.38	206.99
OPERATING RESERVE		-94.42	-104.95	-105.17	-111.03	-114.15	-123.54	-119.49	-23.9	-21.88	-30.77	-36.04	-27.77	-22.75	-27.03	-41.68	-31.14	-25.04	-9.62	-35.33	-37.43	-31.38	-29.02	-32.38	-29.99
East Cost		10752.1	9541.18	9596.75	7764.83	8028.47	7827.07	8041.77	20198.6	23530.4	27126.6	28162.4	27191.6	27719.9	29236.4	27745.3	28468.5	26834.9	26798.4	27228.3	26758.8	26027.2	24956.1	22887.6	19584.6

EAST COAST GRID OPERATION



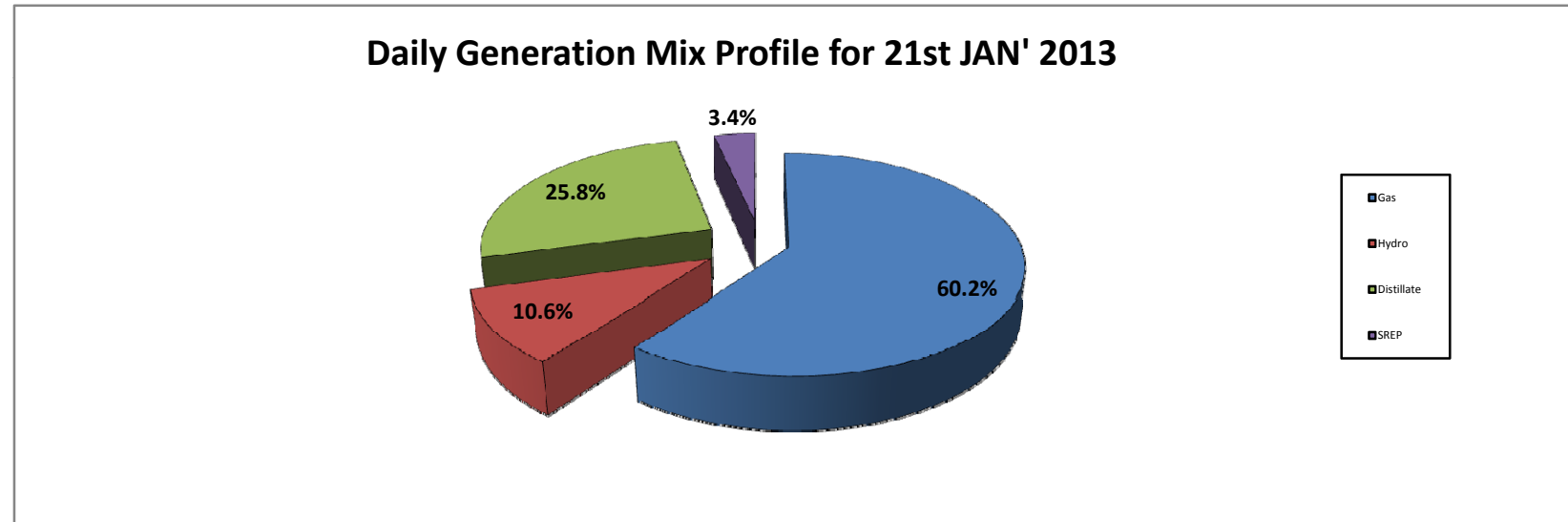
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		575.5	575.5	575.5	575.5	575.5	608.5	608.5	626	676	702.2	702.2	702.2	702.2	702.2	702.2	702.2	672.2	672.2	672.2	671.6	671.6	635	615	582
DEMAND		422.2	420.6	407.8	408.5	414.8	448.7	435.6	448	521.6	560.35	576.85	575.65	549.85	579.05	598.55	589.95	562.95	506.25	570.45	568.3	555.2	510.4	480.5	455.3
OPERATING RESERVE		153.3	154.9	167.7	167	160.7	159.8	172.9	178	154.4	141.85	125.35	126.55	152.35	123.15	103.65	112.25	109.25	165.95	101.75	103.3	116.4	124.6	134.5	126.7
West Cost		33408	33283.4	33096.1	33126	33653.2	35868.5	34962.5	34995.5	42115.4	46305.6	47522.2	47558.3	45702.7	47772.7	48828.8	48171	45436	41796.4	46363.8	46091	44660.4	40208.7	39020.3	36068.7

WEST COAST GRID OPERATION



Generation Mix Profile for 21st 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%

