

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (19th JAN' 2013)	730 MW	723 MW	-0.97%
Maximum Energy (19th JAN 2013)	15.3 MW	14.2 GWh	-7.19%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

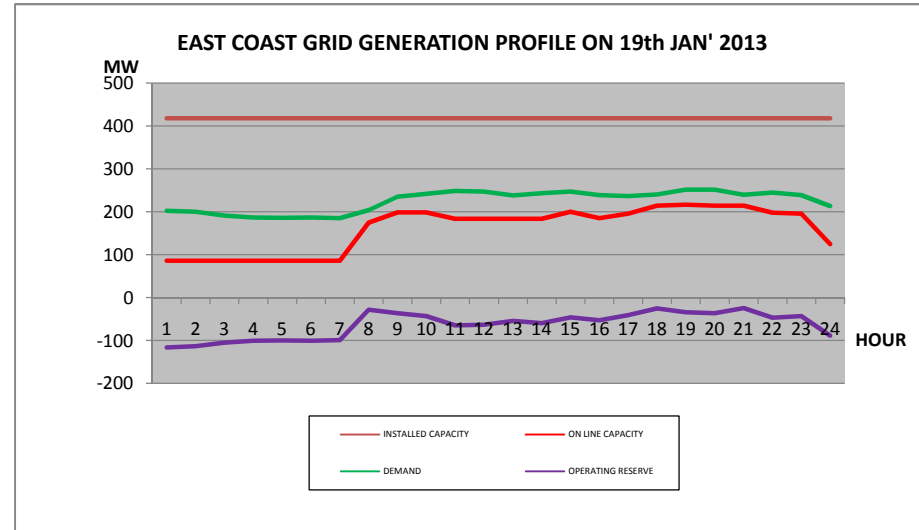
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Feb-13

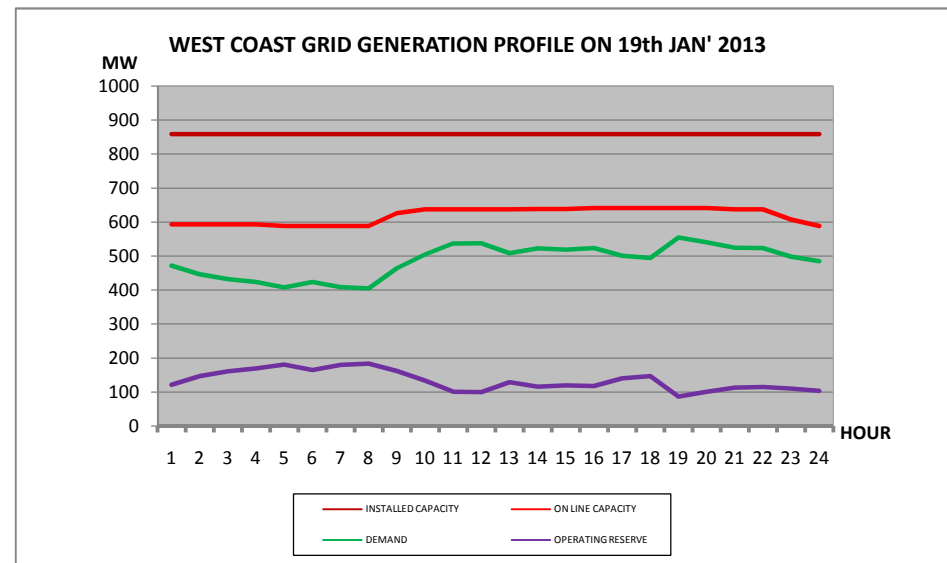
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		86	86	86	86	86	86	86	175	198.5	198.5	183.5	183.5	183.5	183.5	200.5	185.5	195.5	214.7	216.7	214.7	214.7	197.7	195.5	125
DEMAND		202.34	199.73	191.39	186.42	185.64	186.72	185.13	203.84	235.17	242	248.78	247.17	237.72	243.26	246.73	238.57	236.34	239.92	251.3	251.44	239.52	245.09	239	213.5
OPERATING RESERVE		-116.34	-113.73	-105.39	-100.42	-99.64	-100.72	-99.13	-28.84	-36.67	-43.5	-65.28	-63.67	-54.22	-59.76	-46.23	-53.07	-40.84	-25.22	-34.6	-36.74	-24.82	-47.39	-43.5	-88.5
East Cost		10713.9	10870.4	10491.9	10350.5	10625	10392.1	10571.4	17977.9	22089.7	22659.9	21034.3	20292.2	20471.9	20492.5	21398.7	20531.3	22303.3	24429	26623.7	26664.8	24439.1	22783.4	22225.3	14588.7

EAST COAST GRID OPERATION



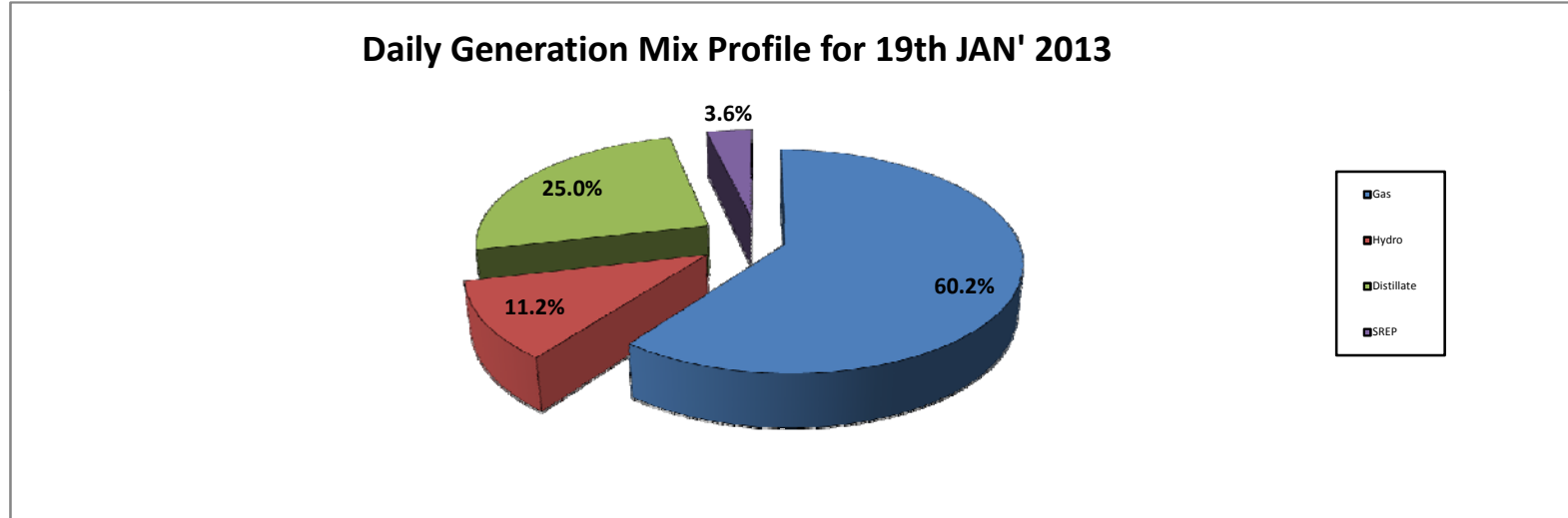
WEST COAST GRID																										
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	
ON LINE CAPACITY		593	593	593	593	588.5	588.5	588.5	588.5	626.5	637.5	637.5	637.5	637.5	638.6	638.6	641.1	641.1	641.1	641.1	641.1	641.1	637.5	637.5	607.5	588.5
DEMAND		471.5	446	432	423.3	407.3	423.2	408.9	404.7	464.3	503.9	536.7	537.6	508.5	522.3	518.5	523.6	500.8	494.1	554.2	540	524.3	522.8	497.5	485	
OPERATING RESERVE		121.5	147	161	169.7	181.2	165.3	179.6	183.8	162.2	133.6	100.8	99.9	129	116.3	120.1	117.5	140.3	147	86.9	101.1	113.2	114.7	110	103.5	
West Cost		37634	35249.6	34182	33446	33624	34559.7	32460.9	32742.4	38544.5	42531	45263	45116.1	42690.5	44016.5	43623.2	44339	42378.8	41746.7	46777.5	46044.1	44127.6	43969.5	40810.3	38771.7	

WEST COAST GRID OPERATION



Generation Mix Profile for 19th January 2013

Gas	8,839 MWh
Hydro	1,639 MWh
Distillate	3,666 MWh
SREP	533 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,586.40 MWh	2,262.00 MWh	1,602.00 MWh	- MWh
IPP	2,079.10 MWh	6,576.70 MWh	37.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	532.70 MWh
TOTAL	3,665.50 MWh	8,838.70 MWh	1,639.20 MWh	532.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	15%	11%	0%
IPP	14%	45%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	14,676.10			

DIST (IPP)	14%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	15%
GAS (IPP)	45%
HYDRO (SESB)	11%
HYDRO (IPP)	0%
total	100%

