

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (30th NOV' 2012)	800 MW	797 MW	-0.36%
Maximum Energy (30th NOV' 2012)	15.9 MW	15.8 GWh	-0.63%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

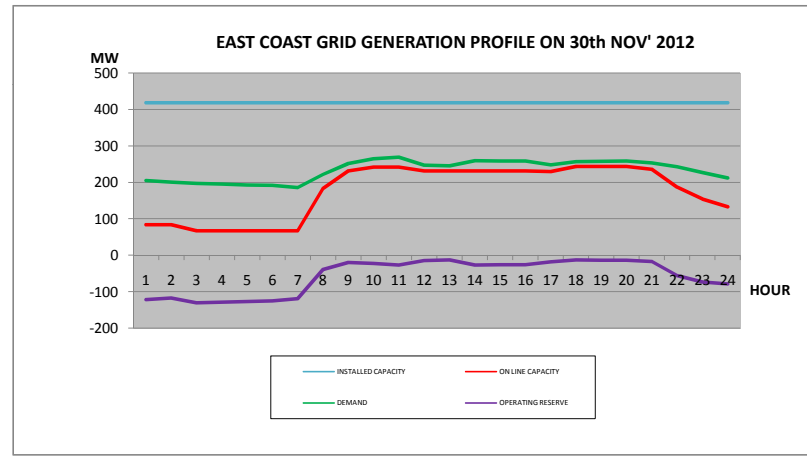
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Dec-12

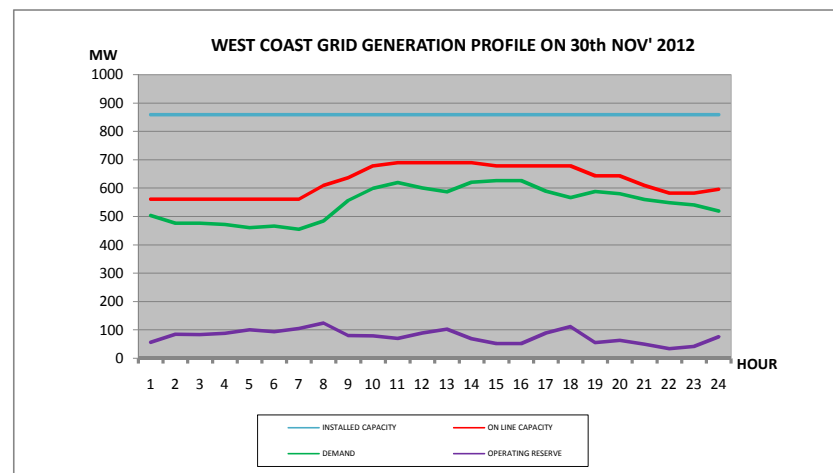
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		84	84	67	67	67	67	183	231.8	241.8	241.8	231.8	231.8	231.8	229.8	243.8	243.8	243.8	235.8	187	154	133			
DEMAND		205.07	200.73	197.05	195.7	193.22	191.6	185.91	221.9	251.24	264.16	268.57	246.75	244.85	259.01	257.87	257.89	247.8	256.6	257.1	257.7	252.8	242.8	227.2	211.79
OPERATING RESERVE		-121.07	-116.73	-130.05	-128.7	-126.22	-124.6	-118.91	-38.9	-19.44	-22.36	-26.77	-14.95	-13.05	-27.21	-26.07	-26.09	-18	-12.8	-13.3	-13.9	-17	-55.8	-73.2	-78.79
East Cost		10839.2	11039.6	9316.34	9284.46	8857.25	8878.38	9227.83	18724.7	24980	27081.6	28278.9	25459.8	25968.4	27043.6	27161.1	26710.4	24860.5	26519.8	28371.1	28097.7	27300.4	22039.6	19007.5	15326.4

EAST COAST GRID OPERATION



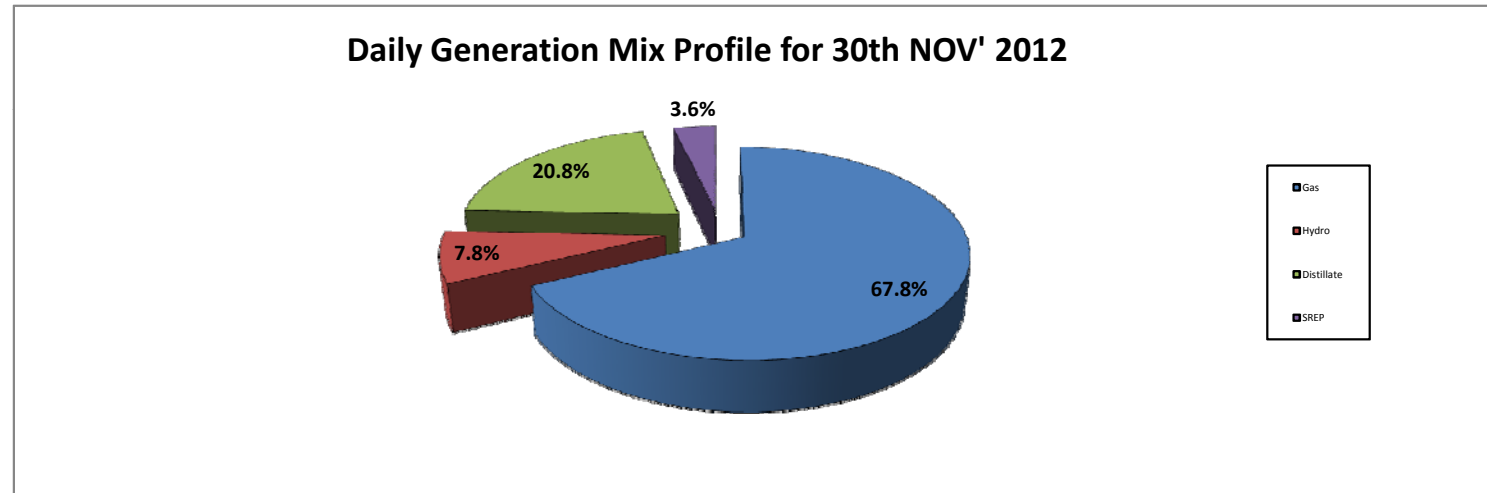
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		560.5	560.5	560.5	560.5	560.5	560.5	560.5	609	636.5	678.5	689.5	689.5	689.5	689.5	678.5	678.5	678.5	643.5	643.5	609.5	582.5	582.5	596	
DEMAND		503.3	475.6	476.4	472.1	460.3	466	454.7	484.6	556.4	599.2	619.7	600.3	586.8	620.8	626.4	626.2	589.4	566.4	588.3	579.9	559.3	548.2	540.8	519.5
OPERATING RESERVE		57.2	84.9	84.1	88.4	100.2	94.5	105.8	124.4	80.1	79.3	69.8	89.2	102.7	68.7	52.1	52.3	89.1	112.1	55.2	63.6	50.2	34.3	41.7	76.5
West Cost		38963.4	37422.6	37501.4	37134.8	36539.1	36968	36211.7	36231.6	42423.9	47363.1	49322.6	47662.1	46966.4	48742.5	48823.8	48901.3	46247.5	45611.8	47521.8	46611.1	44158.5	41806.3	41157.1	37515.5

WEST COAST GRID OPERATION



Generation Mix Profile for 30th November 2012

Gas	10,997 MWh
Hydro	1,269 MWh
Distillate	3,379 MWh
SREP	579 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,597.70 MWh	1,678.80 MWh	1,204.00 MWh	- MWh
IPP	1,781.40 MWh	9,318.30 MWh	65.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	578.70 MWh
TOTAL	3,379.10 MWh	10,997.10 MWh	1,269.40 MWh	578.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	7%	0%
IPP	11%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,224.30			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	57%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

