

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (27th NOV' 2012)	800 MW	804 MW	0.53%
Maximum Energy (27th NOV' 2012)	15.9 MW	15.7 GWh	-1.26%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

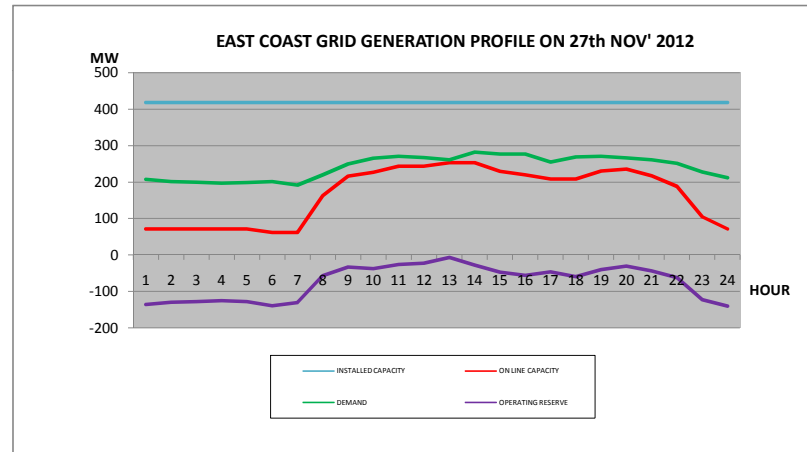
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

29-Nov-12

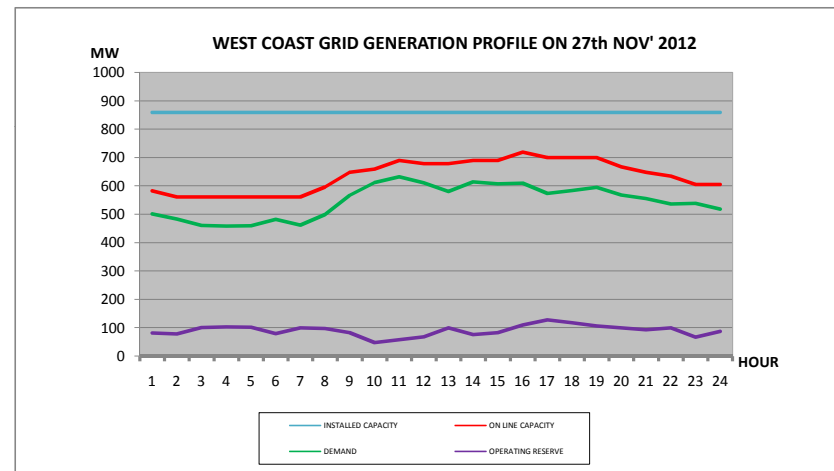
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		71	71	71	71	71	61	61	162	215.8	226.8	242.8	242.8	252.8	252.8	228.8	219.8	207.8	207.8	229.8	234.8	216.3	188	104	71
DEMAND		207.25	201.38	199.14	197.16	199.12	200.91	191.73	219.7	249.56	264.72	269.8	266.33	260.22	281.44	276.15	276.14	254.54	268.07	270.5	266.01	260.55	251.06	227.56	211.76
OPERATING RESERVE		-136.25	-130.38	-128.14	-126.16	-128.12	-139.91	-130.73	-57.7	-33.76	-37.92	-27	-23.53	-7.42	-28.64	-47.35	-56.34	-46.74	-60.27	-40.7	-31.21	-44.25	-63.06	-123.56	-140.76
East Cost		9152.99	9291.13	9339	9373.08	9212.89	7535.67	7580.04	17353.3	23797.2	25765.6	26595.2	27716.8	30298.6	29383.3	28701.2	27199.9	23450	24876.7	25307.1	25441	22927	19724.2	11559.7	8738.97

EAST COAST GRID OPERATION



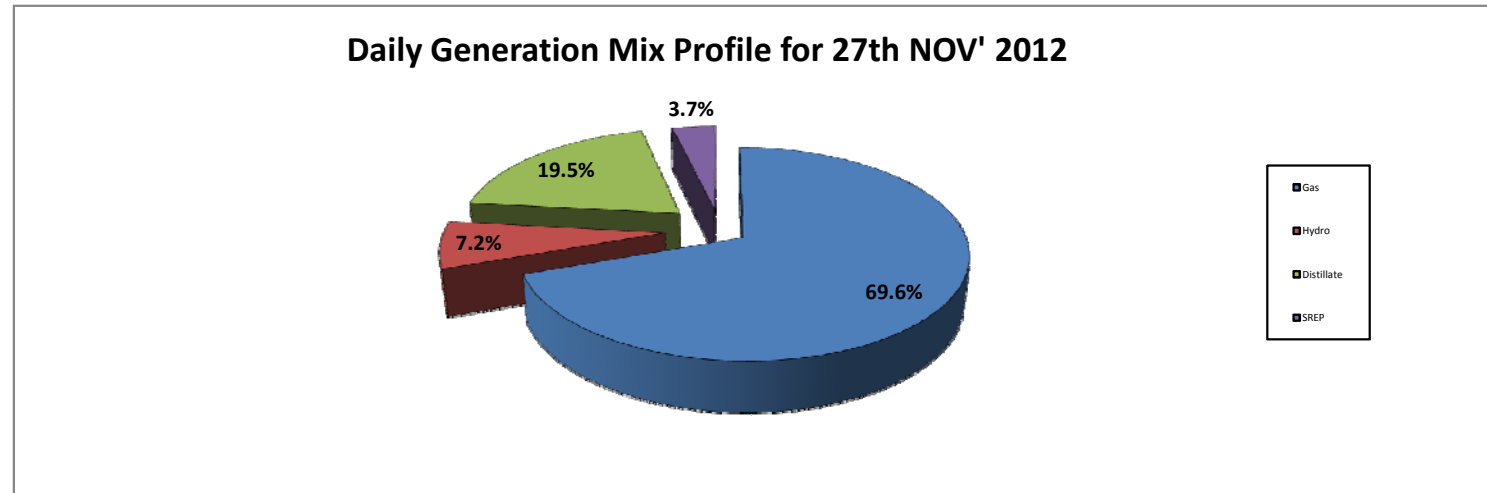
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
INSTALLED CAPACITY		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
ON LINE CAPACITY		582.5	560.5	560.5	560.5	560.5	560.5	560.5	595.5	648.5	659.5	689.5	678.5	678.5	689.5	689.5	719.5	700.5	700.5	700.5	667.5	647.5	634.5	604.5	604.5
DEMAND		500.7	482.4	460.5	457.9	458.5	481.4	460.8	499	566.4	611.8	632.1	610.1	579.8	614	606.9	609.9	573.3	583.9	594.8	567.8	555.4	535.8	537.7	517.5
OPERATING RESERVE		81.8	78.1	100	102.6	102	79.1	99.7	96.5	82.1	47.7	57.4	68.4	98.7	75.5	82.6	109.6	127.2	116.6	105.7	99.7	92.1	98.7	66.8	87
West Cost		37477.7	37211	36311	36105.4	36083.8	37840.6	36208.2	38773.7	43432.1	46790.4	49841.2	48431.8	46370	48424	48861.1	49742.6	45761.2	46444.6	46461	43438.8	42307.7	40041.8	39247.3	37670.2

WEST COAST GRID OPERATION



Generation Mix Profile for 27th November 2012

Gas	11,196 MWh
Hydro	1,158 MWh
Distillate	3,145 MWh
SREP	597 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,419.15 MWh	1,758.60 MWh	1,082.00 MWh	- MWh
IPP	1,726.00 MWh	9,437.30 MWh	76.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	596.80 MWh
TOTAL	3,145.15 MWh	11,195.90 MWh	1,158.20 MWh	596.80 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	11%	7%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,096.05			

DIST (IPP)	11%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	59%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

