

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (10th JULY' 2012)	790 MW	762 MW	-3.54%
Maximum Energy (10th JULY' 2012)	15.7 GWh	14.8 GWh	-5.73%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

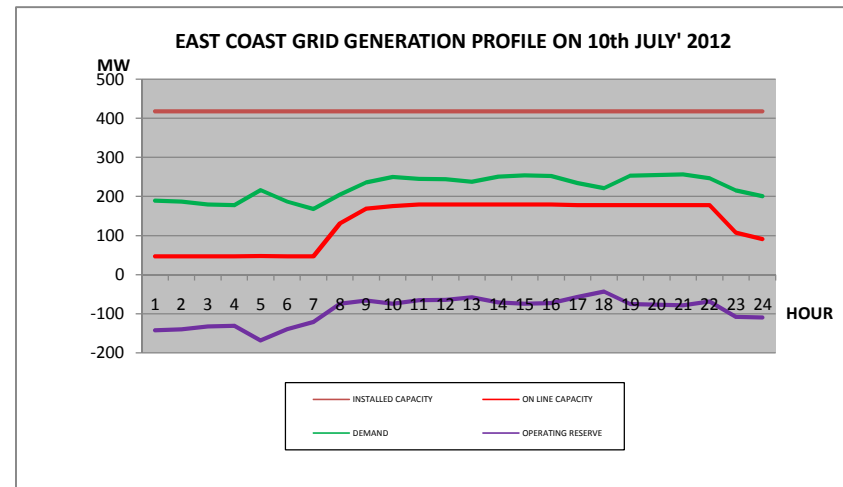
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

19-Jul-12

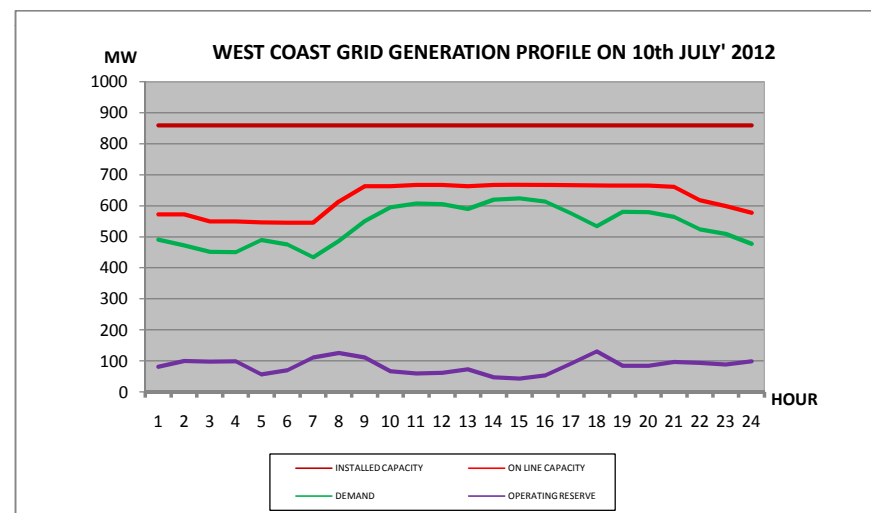
EAST COAST GRID																										
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		47	47	47	47	48	47	47	131	169.3	175.7	179.7	179.7	179.7	179.7	179.7	179.7	177.7	177.7	177.7	177.7	177.7	108	91		
DEMAND		189.38	186.88	179.96	178.34	216.62	187.31	168.38	205.45	236.02	250.43	245.28	244.43	237.94	251.08	254.42	252.18	234.72	221.13	253.34	254.65	256.56	246.84	216.03	200.65	
OPERATING RESERVE		-142.38	-139.88	-132.96	-131.34	-168.62	-140.31	-121.38	-74.45	-66.72	-74.73	-65.58	-64.73	-58.24	-71.38	-74.72	-72.48	-57.02	-43.43	-75.64	-76.95	-78.86	-69.14	-108.03	-109.65	
East Cost		7622.3	7622.3	7686.05	7442.25	7442.25	7443.41	7218.55	15106	21546.7	23184.1	23484.9	22650.3	22652.4	23964.8	23560.2	22732.5	22373.3	21722.5	22485.8	22499.8	22333.1	22444.6	13663.4	12026.4	398441

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		572	572	550	550	546.5	545.5	545.5	613	662.2	662.2	666.7	666.7	662.2	666.7	666.7	666.7	666.7	664.7	664.7	664.7	660.5	617.5	598.5	577
DEMAND		491.1	472.7	451.8	451.2	490.5	475.8	434.5	487.2	551	595.3	607.38	605.5	589.8	619.2	623.8	613.3	575.4	533.9	580.2	580	563.9	524.3	509.6	477.9
OPERATING RESERVE		80.9	99.3	98.2	98.8	56	69.7	111	125.8	111.2	66.9	59.32	61.2	72.4	47.5	42.9	53.4	91.3	130.8	84.5	84.7	96.6	93.2	88.9	99.1
West Cost		35985	34554	35016	35377	35639	38949	34128	39114	45591	48311	49136	49096	47867	50140	50480	49706	46864	44747	47996	47915	46069	41722	39593	36282

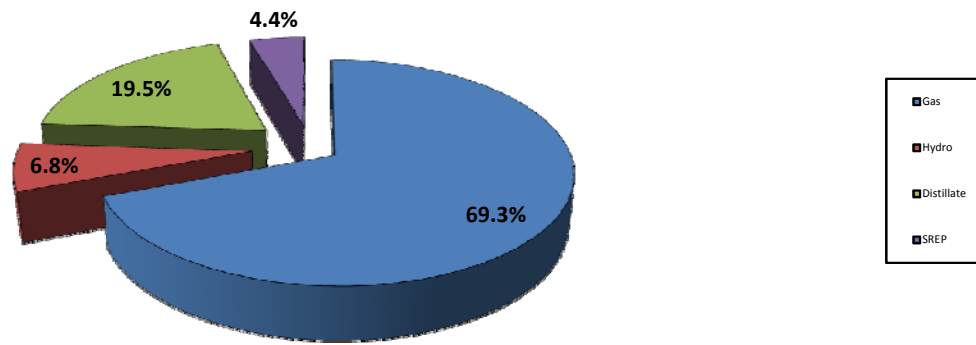
WEST COAST GRID OPERATION



Generation Mix Profile for 10th July 2012

Gas	10,671 MWh
Hydro	1,055 MWh
Distillate	2,999 MWh
SREP	685 MWh

Daily Generation Mix Profile for 10th July 2012



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,498.10 MWh	1,140.80 MWh	1,032.00 MWh	- MWh
IPP	1,500.50 MWh	9,530.18 MWh	22.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	684.70 MWh
TOTAL	2,998.60 MWh	10,670.98 MWh	1,054.70 MWh	684.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	7%	7%	0%
IPP	10%	62%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,408.98			

DIST (IPP)	10%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	7%
GAS (IPP)	62%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 10th July' 2012

