

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (19th APRIL' 2012)</b>	760 MW	758 MW	-0.26%
<b>Maximum Energy (19th APRIL' 2012)</b>	15.4 GWh	14.9 GWh	-3.25%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

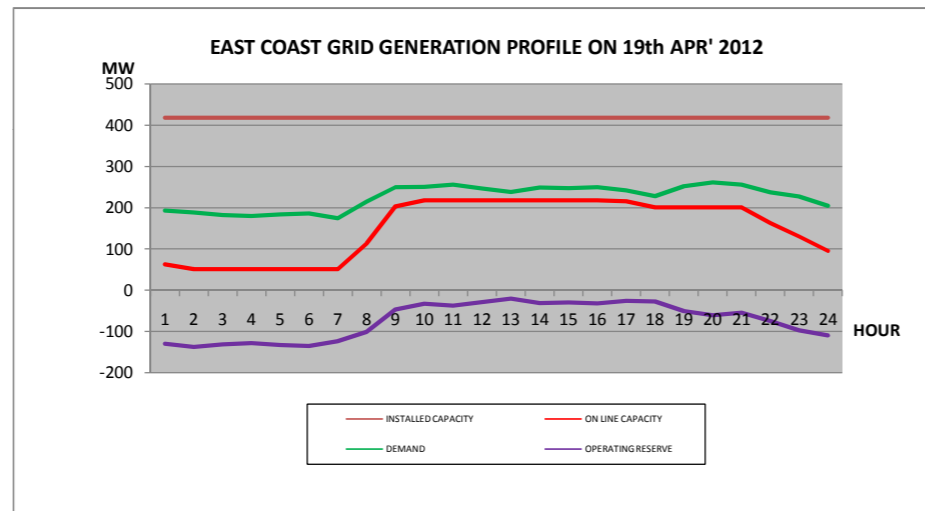
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Apr-12

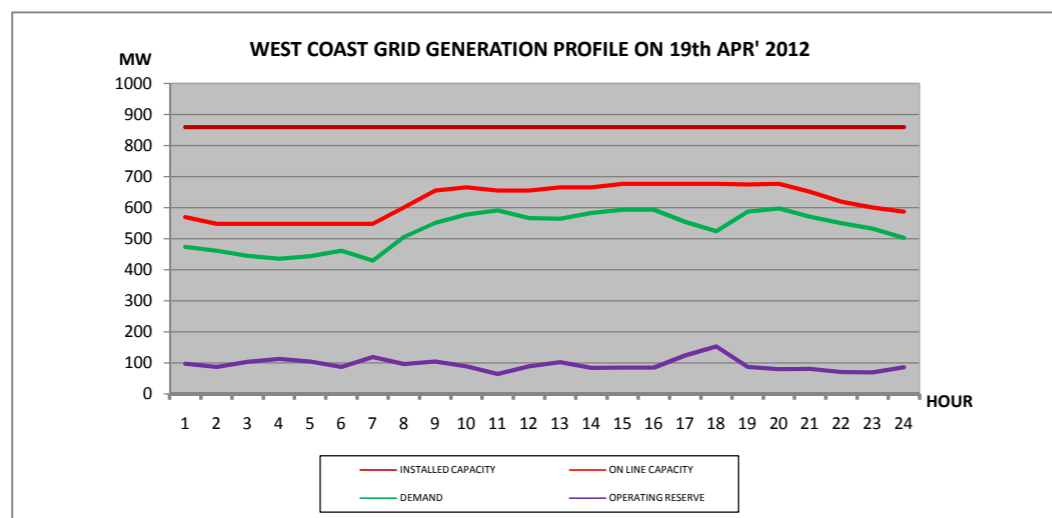
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		63	51	51	51	51	51	51	113	202.9	217.9	217.9	217.9	217.9	217.9	217.9	217.9	215.9	200.9	200.9	200.9	200.9	162.6	130	95	
<b>DEMAND</b>		192.95	188.66	182.47	179.67	183.75	186.32	174.36	214.44	249.42	250.6	255.56	246.41	238.17	249.2	247.17	250	241.6	227.9	251.7	261.35	255.7	237.64	227.2	205.03	
<b>OPERATING RESERVE</b>		-129.95	-137.66	-131.47	-128.67	-132.75	-135.32	-123.36	-101.44	-46.52	-32.7	-37.66	-28.51	-20.27	-31.3	-29.27	-32.1	-25.7	-27	-50.8	-60.45	-54.8	-75.04	-97.2	-110.03	
East Cost		6031.31	5539.63	5528.65	5428.71	5617.38	5406.64	5462.33	11643.5	22223	24573.4	24127.2	24221.5	23461.3	25999.5	25575.9	25327.4	24267.6	21809.8	23931.4	23403.4	23538.3	17904.8	13720.8	9073.91	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
<b>INSTALLED CAPACITY</b>		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
<b>ON LINE CAPACITY</b>		570	548	548	548	548	548	548	600.5	654.7	665.7	654.7	654.7	665.7	665.7	676.7	676.7	676.7	676.7	674.2	676.7	650.5	619.5	600.5	587
<b>DEMAND</b>		473.6	461	444.7	435.5	443.4	461.4	429	504.8	550.95	577.55	590.95	566.05	563.95	582.45	592.65	592.75	553.25	523.95	587.25	597.05	569.9	549.9	531.7	502
<b>OPERATING RESERVE</b>		96.4	87	103.3	112.5	104.6	86.6	119	95.7	103.75	88.15	63.75	88.65	101.75	83.25	84.05	83.95	123.45	152.75	86.95	79.65	80.6	69.6	68.8	85
West Cost		33145	32998	32231	31659	32174	33012	31101	37387	43231	45461	45828	44262	44191	45566	46488	46508	43925	41869	45909	46123	45316	40950	38345	35825

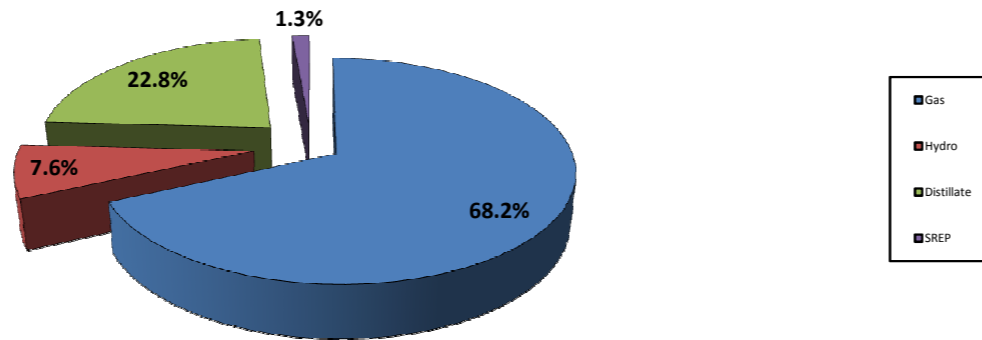
WEST COAST GRID OPERATION



**Generation Mix Profile for 19th April 2012**

Gas	10,524 MWh
Hydro	1,179 MWh
Distillate	3,516 MWh
SREP	206 MWh

**Daily Generation Mix Profile for 19th April 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,798.60 MWh	1,695.10 MWh	1,065.00 MWh	- MWh
IPP	1,717.30 MWh	8,829.10 MWh	113.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	205.50 MWh
<b>TOTAL</b>	<b>3,515.90 MWh</b>	<b>10,524.20 MWh</b>	<b>1,178.50 MWh</b>	<b>205.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	11%	7%	0%
IPP	11%	57%	1%	0%
SREP	0%	0%	0%	1%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,424.10			

DIST (IPP)	11%
DIST (SESB)	12%
SREP	1%
GAS (SESB)	11%
GAS (IPP)	57%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

**GENERATION MIX SESB-IPP-SREP 19th APR' 2012**

