

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (20th APRIL' 2012)</b>	760 MW	758 MW	-0.26%
<b>Maximum Energy (20th APRIL' 2012)</b>	15.8 GWh	15 GWh	-5.06%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

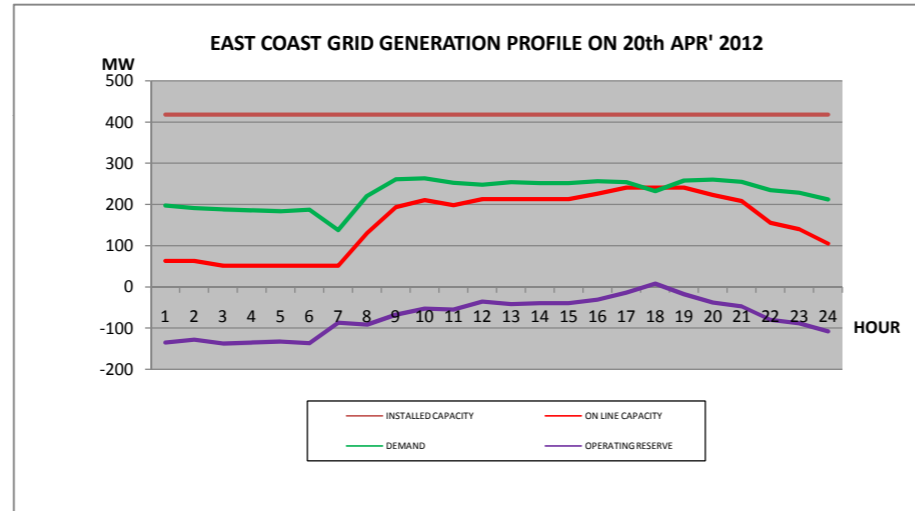
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Apr-12

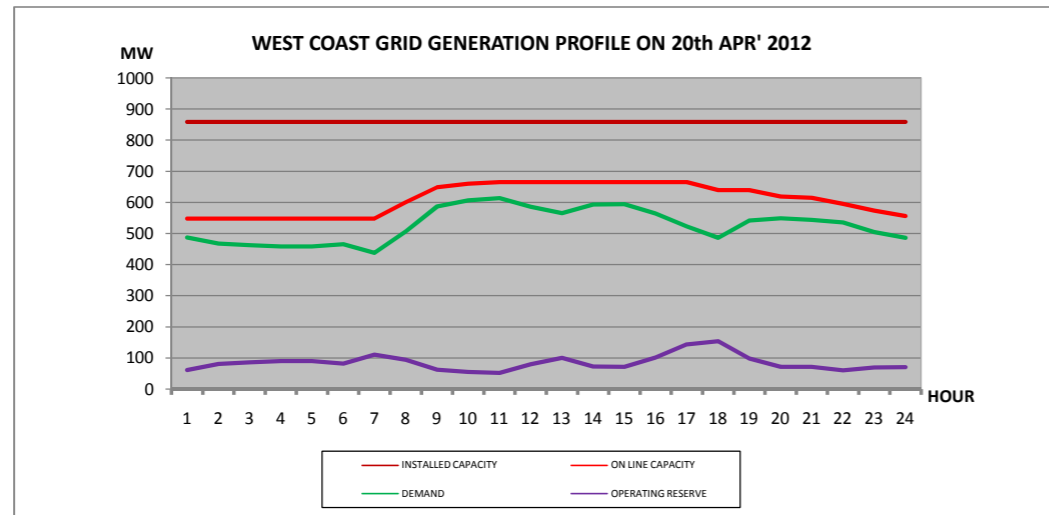
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		63	63	51	51	51	51	51	130	193.7	210.7	197.9	212.9	212.9	212.9	212.9	225.9	240.9	240.9	240.9	222.9	207.9	155	140	105	
<b>DEMAND</b>		197.76	191.11	188.33	186.26	183.87	187.47	137.88	221.14	261.42	263.69	252.61	248.37	254.57	252.25	252.33	256.97	254.45	232.92	258.34	260.71	255.46	234.86	228.45	212.78	
<b>OPERATING RESERVE</b>		-134.76	-128.11	-137.33	-135.26	-132.87	-136.47	-86.88	-91.14	-67.72	-52.99	-54.71	-35.47	-41.67	-39.35	-39.43	-31.07	-13.55	7.98	-17.44	-37.81	-47.56	-79.86	-88.45	-107.78	
East Cost		6772.92	6892.02	5492.24	5595.09	5313	5501.34	5479.27	13694.4	21035.8	23412.7	22474.1	22873.1	23987.8	24003.8	24315.9	24745.1	24732.7	25701.4	26473.4	24900.6	23318.6	17112.6	15272.1	11274.2	398441

EAST COAST GRID OPERATION



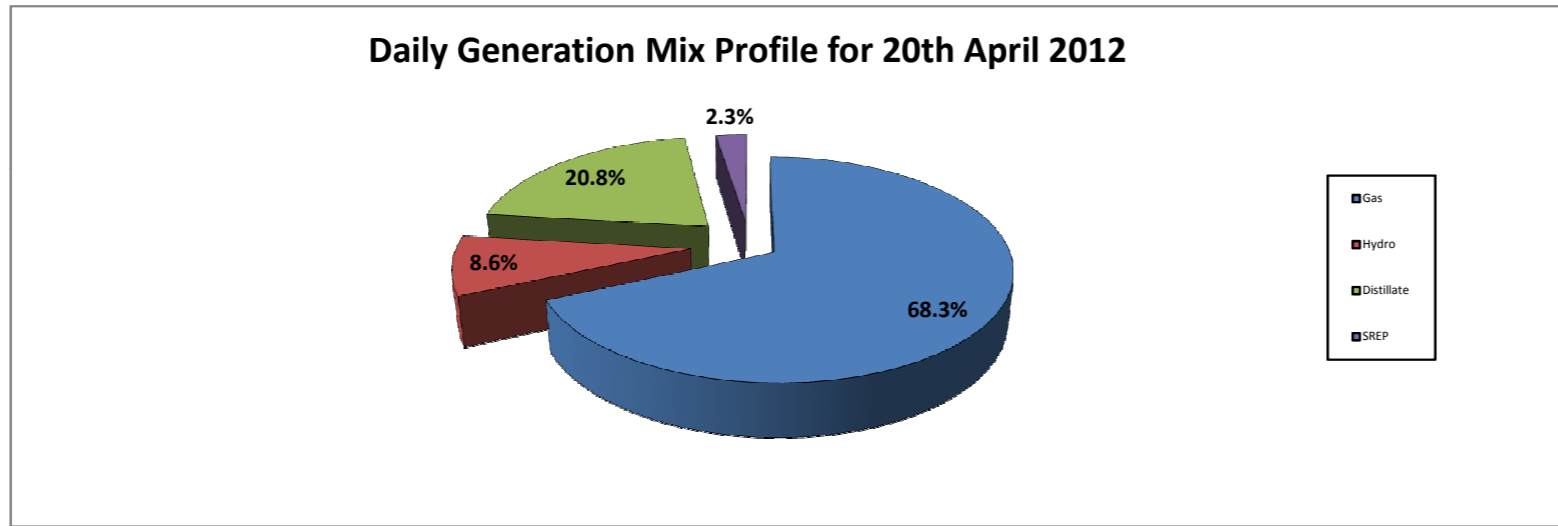
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>INSTALLED CAPACITY</b>		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
<b>ON LINE CAPACITY</b>		548	548	548	548	548	548	548	600.5	649.1	660.7	665.7	665.7	665.7	665.7	665.7	665.7	665.7	639.5	639.5	619.5	615	596	574	556.5
<b>DEMAND</b>		487	467.3	461.9	458.1	458	465.9	437.6	506.2	586.9	606.25	613.85	585.75	565.15	593.65	594.75	564.85	522.55	485.7	541.7	548.4	544	535.5	504.4	486.3
<b>OPERATING RESERVE</b>		61	80.7	86.1	89.9	90	82.1	110.4	94.3	62.2	54.45	51.85	79.95	100.55	72.05	70.95	100.85	143.15	153.8	97.8	71.1	71	60.5	69.6	70.2
West Cost		35339	33524	33102	32822	32882	33027	31395	36322	44024	46124	47173	45419	43839	45258	45040	43229	40319	36989	40585	40507	40255	38570	37699	34790

WEST COAST GRID OPERATION



**Generation Mix Profile for 20th April 2012**

Gas	10,501 MWh
Hydro	1,319 MWh
Distillate	3,193 MWh
SREP	360 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,561.90 MWh	1,695.40 MWh	1,224.00 MWh	- MWh
IPP	1,630.70 MWh	8,805.30 MWh	95.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	360.10 MWh
<b>TOTAL</b>	<b>3,192.60 MWh</b>	<b>10,500.70 MWh</b>	<b>1,319.00 MWh</b>	<b>360.10 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	11%	8%	0%
IPP	11%	57%	1%	0%
SREP	0%	0%	0%	2%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,372.40			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	2%
GAS (SESB)	11%
GAS (IPP)	57%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

