

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (14th APRIL' 2012)</b>	700 MW	685 MW	-2.14%
<b>Maximum Energy (14th APRIL' 2012)</b>	14.4 GWh	13.9 GWh	-3.47%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

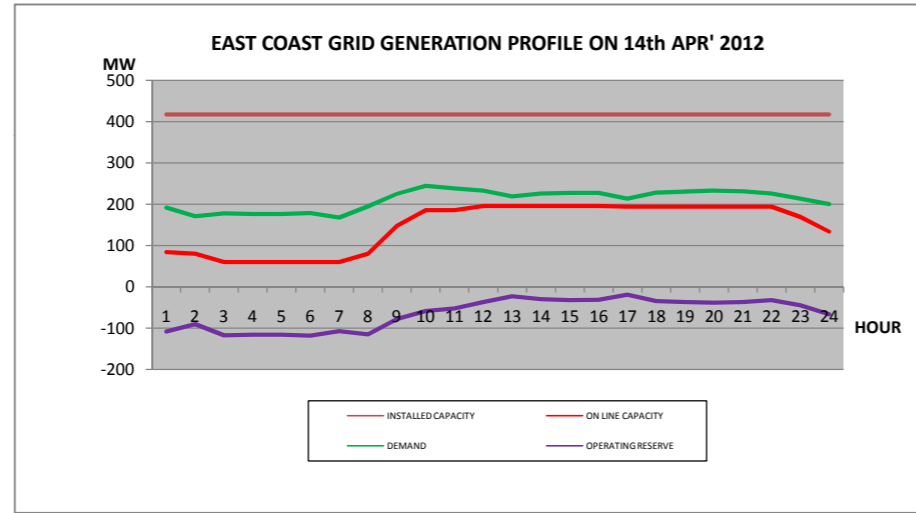
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Apr-12

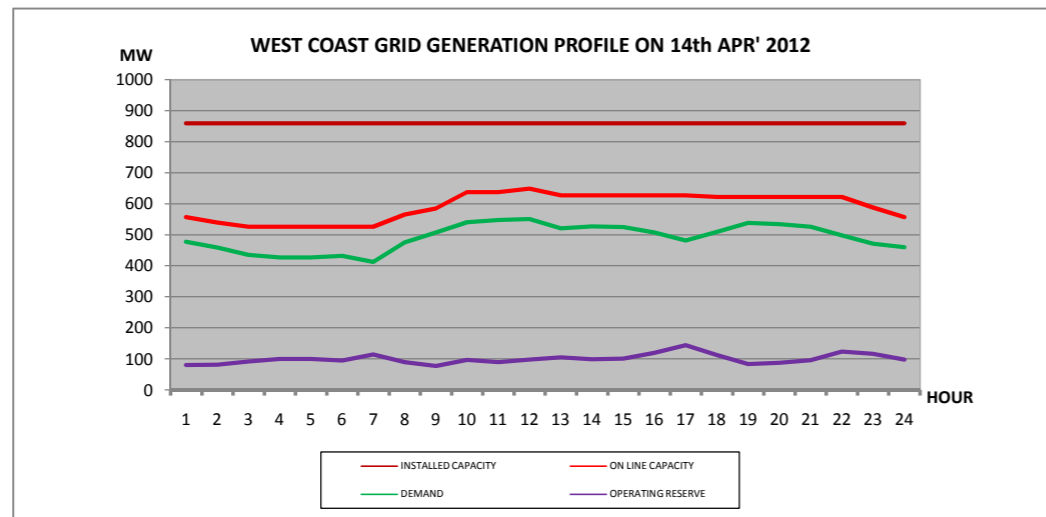
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		84	80	60	60	60	60	60	80	147.6	185.9	185.9	195.9	195.9	195.9	195.9	194.1	194.1	194.1	194.1	194.1	194.1	169.5	134		
<b>DEMAND</b>		192.11	170.8	177.79	176.27	175.99	178.35	167.65	195	225.61	244.91	238.87	233.14	218.81	226.13	228.08	227.48	213.5	228.79	231.1	233.06	231.62	226.32	214.03	200.52	
<b>OPERATING RESERVE</b>		-108.11	-90.8	-117.79	-116.27	-115.99	-118.35	-107.65	-115	-78.01	-59.01	-52.97	-37.24	-22.91	-30.23	-32.18	-31.58	-19.4	-34.69	-37	-38.96	-37.52	-32.22	-44.53	-66.52	
East Cost		8096.69	7709.67	6696.69	6677.76	6729.14	6632.94	6760.44	7817.1	15555.7	19470.8	21572.1	19429	19503.9	20659.3	20192.4	20959	20443.2	20722.3	21807.6	21694.6	21238.7	21020.9	18605	13896.4	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
<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>		556.5	539.5	526	526	526	526	526	565	584	637	637	648	626	626	626	626	626	621.6	621.6	621.6	621.6	621.6	587	557
<b>DEMAND</b>		476.8	458.2	434.5	426.2	426.5	431.9	411.9	475.6	507.2	540.2	547.3	550.8	520.9	527.4	525.4	507.1	481.7	509	538.5	534.5	526.3	498.3	470.9	459.1
<b>OPERATING RESERVE</b>		79.7	81.3	91.5	99.8	99.5	94.1	114.1	89.4	76.8	96.8	89.7	97.2	105.1	98.6	100.6	118.9	144.3	112.6	83.1	87.1	95.3	123.3	116.1	97.9
West Cost		37745	35491	32909	32233	32265	32539	31401	36840	40146	42307	43089	43496	42414	43073	42882	42077	40544	41349	43414	42993	42368	40802	37071	34942

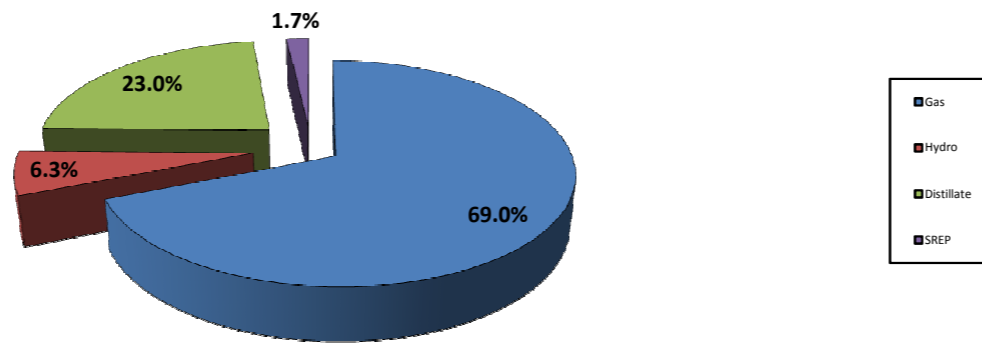
WEST COAST GRID OPERATION



**Generation Mix Profile for 14th April 2012**

Gas	9,856 MWh
Hydro	902 MWh
Distillate	3,284 MWh
SREP	249 MWh

**Daily Generation Mix Profile for 14th April 2012**



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,777.50 MWh	1,492.70 MWh	801.00 MWh	- MWh
IPP	1,506.30 MWh	8,363.40 MWh	100.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	248.70 MWh
<b>TOTAL</b>	<b>3,283.80 MWh</b>	<b>9,856.10 MWh</b>	<b>901.80 MWh</b>	<b>248.70 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	10%	6%	0%
IPP	11%	59%	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>	14,290.40			

DIST (IPP)	11%
DIST (SESB)	12%
SREP	2%
GAS (SESB)	10%
GAS (IPP)	59%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

**GENERATION MIX SESB-IPP-SREP 14th APR' 2012**

