

## GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (28th JULY' 2012)	720 MW	711 MW	-1.32%
Maximum Energy (28th JULY' 2012)	14.6 GWh	14.2 GWh	-2.74%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

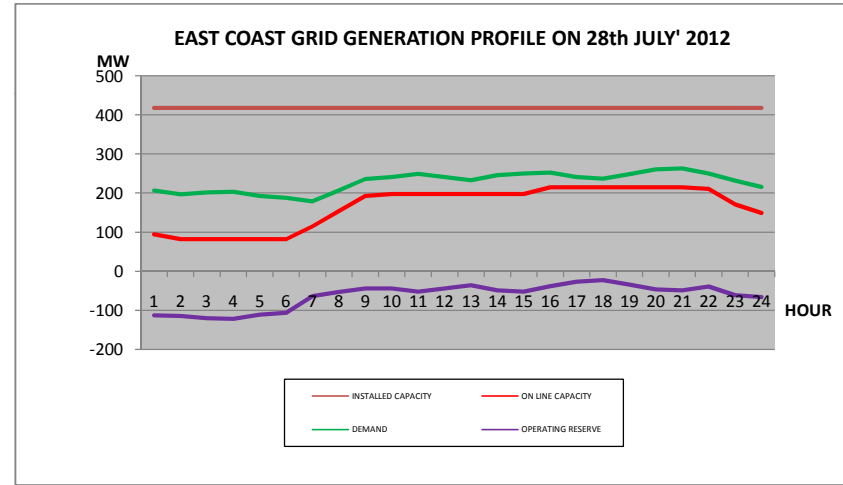
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-Aug-12

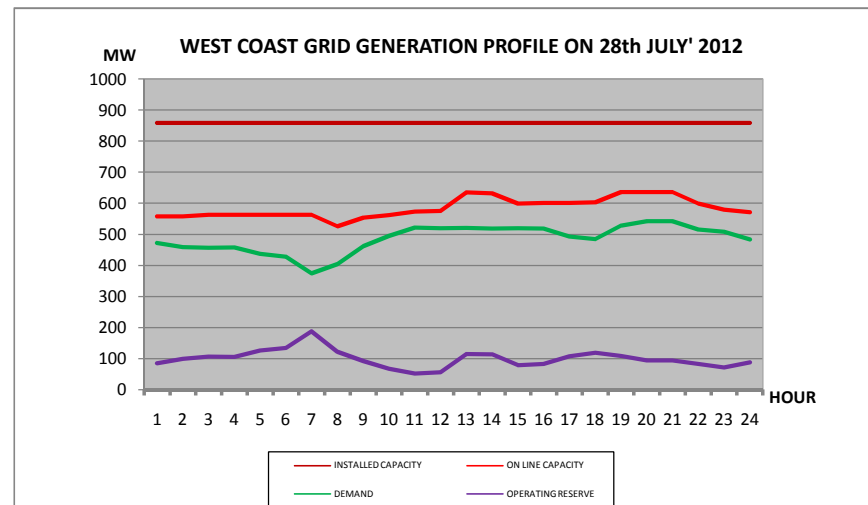
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		94	82	82	82	82	82	115	154	192.3	197.4	197.4	197.4	197.4	197.4	214.4	214.4	214.4	214.4	214.4	214.4	210.4	171	149		
<b>DEMAND</b>		206.55	196.67	201.96	203.97	193	188.28	179.05	206.95	236.76	241.37	249.53	241.63	233.38	246.58	250.13	253.07	241.3	237.25	248.7	260.99	263.38	250.03	231.98	215.6	
<b>OPERATING RESERVE</b>		-112.55	-114.67	-119.96	-121.97	-111	-106.28	-64.05	-52.95	-44.46	-43.97	-52.13	-44.23	-35.98	-49.18	-52.73	-38.67	-26.9	-22.85	-34.3	-46.59	-48.98	-39.63	-60.98	-66.6	
East Cost		11923.7	10542.9	10501.9	10558.1	10534.2	10656.4	12811.2	18819	23353.6	25195	25582.4	24891.1	25356.6	25590.8	24979.7	27190.7	26335.5	26420.6	27128.9	27183.5	27221.2	27076.5	21050.8	17528.9	398441

EAST COAST GRID OPERATION



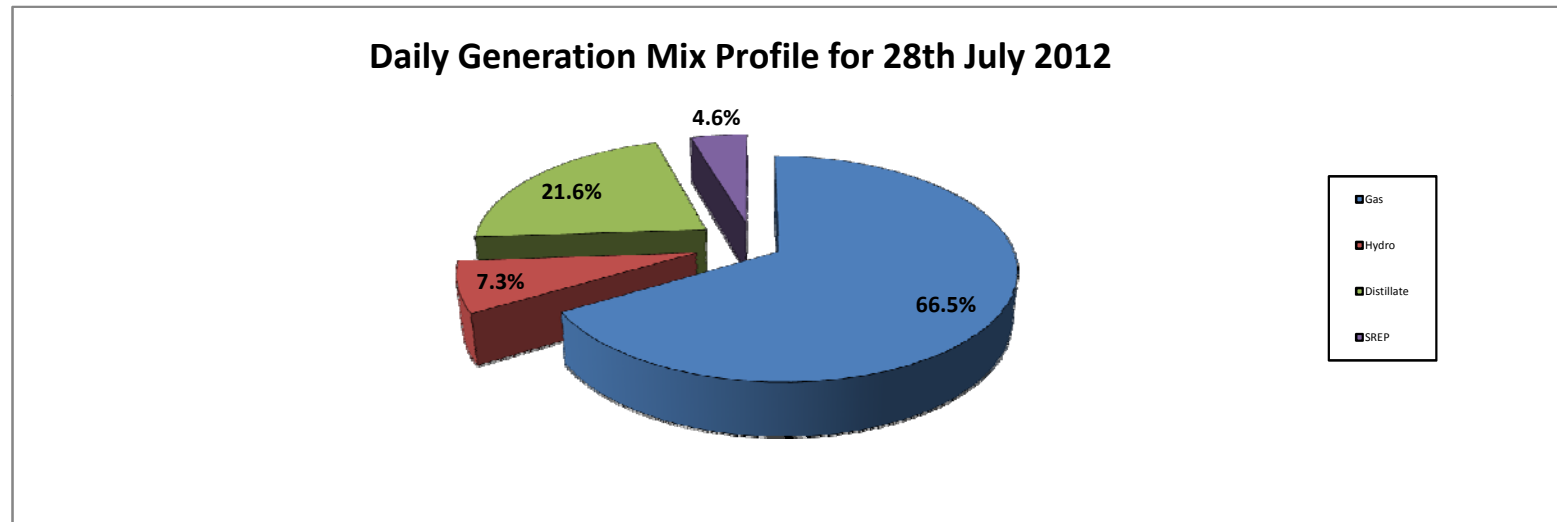
WEST COAST GRID																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<b>INSTALLED CAPACITY</b>		858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5	858.5
<b>ON LINE CAPACITY</b>		558	558	562.5	562.5	562.5	562.5	562.5	526	554	561.6	573.1	575.1	635.1	631.5	598.5	601	601	603	636	636	636	598.5	579.5	571
<b>DEMAND</b>		472.8	459.2	456.5	457.5	437	428.2	374.6	404.4	462.3	494.7	521.4	519.7	520.8	518.4	519.5	518.5	493.3	484.4	527.5	542.4	542.3	515.5	508.2	483.6
<b>OPERATING RESERVE</b>		85.2	98.8	106	105	125.5	134.3	187.9	121.6	91.7	66.9	51.7	55.4	114.3	113.1	79	82.5	107.7	118.6	108.5	93.6	93.7	83	71.3	87.4
West Cost		35796	34812	34714	34651	32462	31709	29072	32771	37823	40928	43096	43144	44303	43677	41713	41532	39794	40105	43437	44493	44458	41545	39891	37522

WEST COAST GRID OPERATION



**Generation Mix Profile for 28th July 2012**

Gas	9,840 MWh
Hydro	1,082 MWh
Distillate	3,196 MWh
SREP	674 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,705.80 MWh	1,401.90 MWh	1,058.00 MWh	- MWh
IPP	1,490.20 MWh	8,437.80 MWh	24.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	673.50 MWh
<b>TOTAL</b>	<b>3,196.00 MWh</b>	<b>9,839.70 MWh</b>	<b>1,082.00 MWh</b>	<b>673.50 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	9%	7%	0%
IPP	10%	57%	0%	0%
SREP	0%	0%	0%	5%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	14,791.20			

DIST (IPP)	10%
DIST (SESB)	12%
SREP	5%
GAS (SESB)	9%
GAS (IPP)	57%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

