

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (21st AUG' 2012)</b>	660 MW	665 MW	0.73%
<b>Maximum Energy (21st AUG' 2012)</b>	13.1 GWh	12.5 GWh	-4.58%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

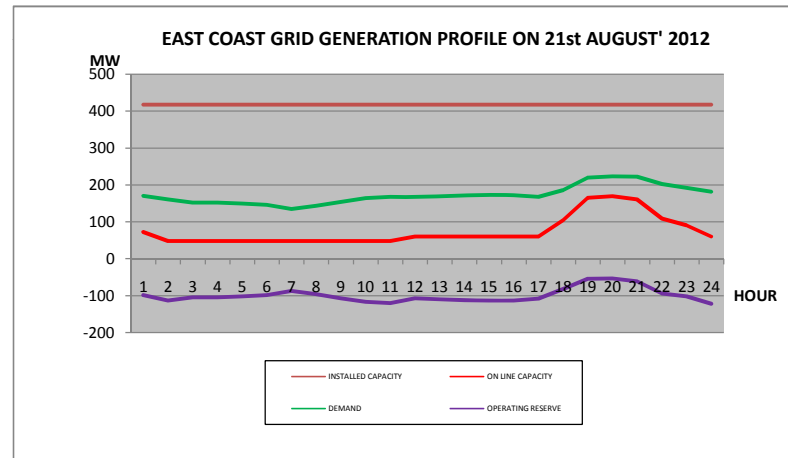
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Sep-12

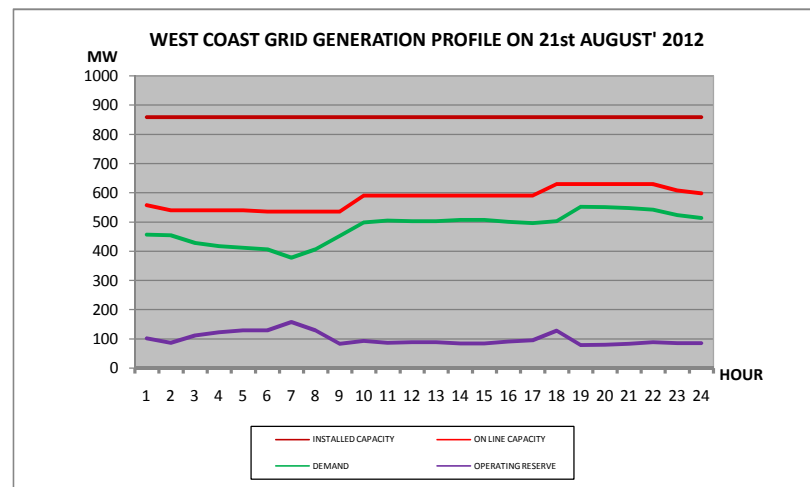
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		72	48	48	48	48	48	48	48	48	48	48	48	60	60	60	60	60	60	105	166	170	161	109	91	60
<b>DEMAND</b>		170.59	160.71	152.24	152.51	149.65	146.45	135.08	143.51	154.47	164.09	167.99	166.76	169.5	172.08	172.51	172.44	167.77	186.39	219.75	223.31	222.36	202.96	192.53	181.47	
<b>OPERATING RESERVE</b>		-98.59	-112.71	-104.24	-104.51	-101.65	-98.45	-87.08	-95.51	-106.47	-116.09	-119.99	-106.76	-109.5	-112.08	-112.51	-112.44	-107.77	-81.39	-53.75	-53.31	-61.36	-93.96	-101.53	-121.47	
East Cost		7552.39	5130.07	4909.05	5128.32	5108	4964.74	5181.79	5007.35	4987.86	4976.88	4935.31	5650.6	6035.16	6098.79	6220.33	6275.56	6224.06	10015.9	16724.9	16590.4	16209.9	10170.2	9312.8	6462.96	398441

EAST COAST GRID OPERATION



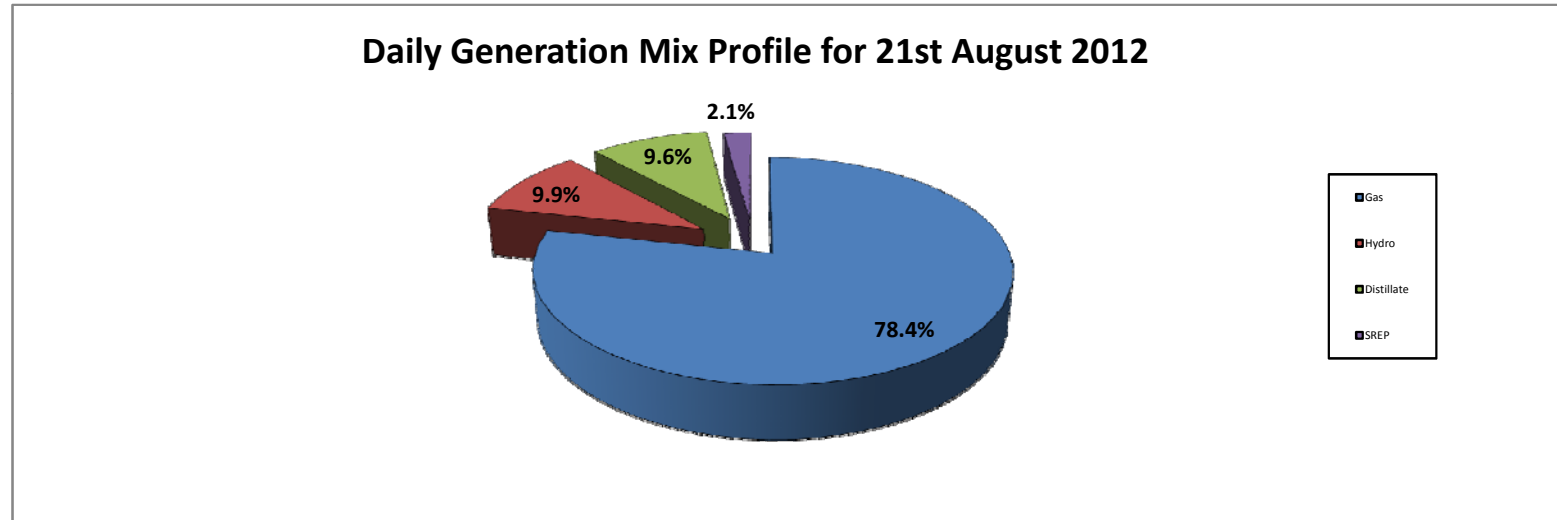
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		557.5	540	540	540	540	535.5	535.5	535.5	535.5	590.5	590.5	590.5	590.5	590.5	590.5	590.5	590.5	630	630	630	630	630	608	598.5
<b>DEMAND</b>		456.3	454.4	428.1	417.6	411.1	406.4	377.7	406	452.6	497.5	504.8	502.3	501.9	507.1	506.6	500.3	496.1	501.9	551.6	550.1	547	541.7	522.7	513.4
<b>OPERATING RESERVE</b>		101.2	85.6	111.9	122.4	128.9	129.1	157.8	129.5	82.9	93	85.7	88.2	88.6	83.4	83.9	90.2	94.4	128.1	78.4	79.9	83	88.3	85.3	85.1
West Cost		33828	35169	33220	32456	31931	31601	28666	31666	34932	37619	38035	37889	36220	36258	36185	35671	36162	37859	41304	40812	40858	40456	39821	38598

WEST COAST GRID OPERATION



**Generation Mix Profile for 21st August 2012**

Gas	10,068 MWh
Hydro	1,271 MWh
Distillate	1,231 MWh
SREP	276 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	254.70 MWh	1,084.80 MWh	1,248.00 MWh	- MWh
IPP	976.70 MWh	8,982.70 MWh	22.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	275.70 MWh
<b>TOTAL</b>	<b>1,231.40 MWh</b>	<b>10,067.50 MWh</b>	<b>1,270.80 MWh</b>	<b>275.70 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	2%	8%	10%	0%
IPP	8%	70%	0%	0%
SREP	0%	0%	0%	2%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	12,845.40			

DIST (IPP)	8%
DIST (SESB)	2%
SREP	2%
GAS (SESB)	8%
GAS (IPP)	70%
HYDRO (SESB)	10%
HYDRO (IPP)	0%
total	100%

