

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (20th JULY' 2012)</b>	780 MW	759 MW	-2.69%
<b>Maximum Energy (20th JULY' 2012)</b>	15.7 GWh	14.6 GWh	-7.01%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

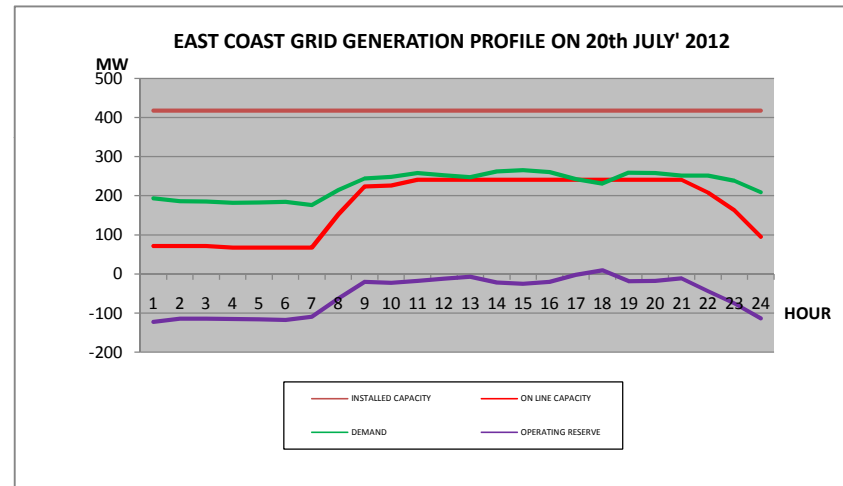
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

23-Jul-12

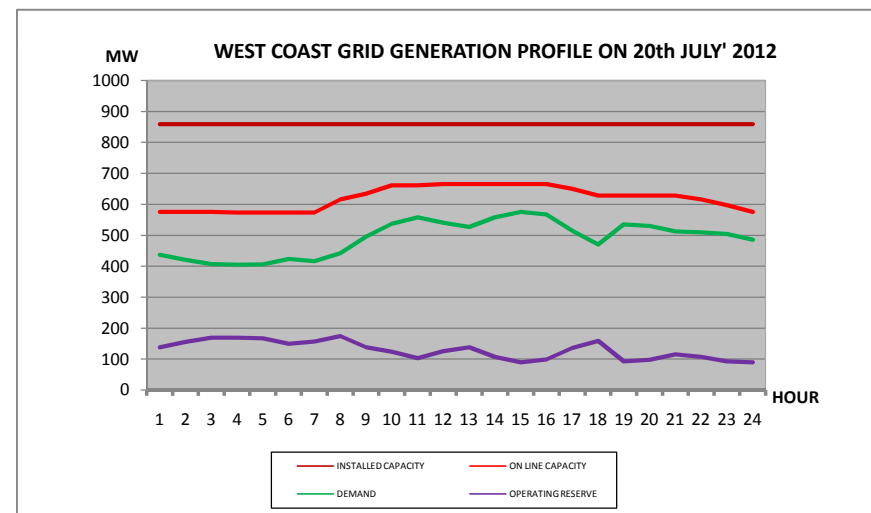
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		71	71	71	67	67	67	67	152	223.7	225.9	240.9	240.9	240.9	240.9	240.9	240.9	240.9	240.9	240.9	240.9	207.9	163	95		
<b>DEMAND</b>		193.94	186.06	185.75	182.63	183	184.93	176.49	214.84	244.25	248.49	258.31	252.66	247.78	262.74	265.94	261.15	242.95	231.52	259.4	258.78	252.18	252.12	238.45	209.21	
<b>OPERATING RESERVE</b>		-122.94	-115.06	-114.75	-115.63	-116	-117.93	-109.49	-62.84	-20.55	-22.59	-17.41	-11.76	-6.88	-21.84	-25.04	-20.25	-2.05	9.38	-18.5	-17.88	-11.28	-44.22	-75.45	-114.21	
East Cost		9317.93	9057.45	9156.34	9159.37	9147.34	9243.55	9344.31	18244.1	24644	25737.4	26707.2	26910.9	26887	27677.9	27262.8	26701.8	26454.2	26388	27390.2	27465.8	27673.7	24648.9	19834	11571.5	398441

EAST COAST GRID OPERATION



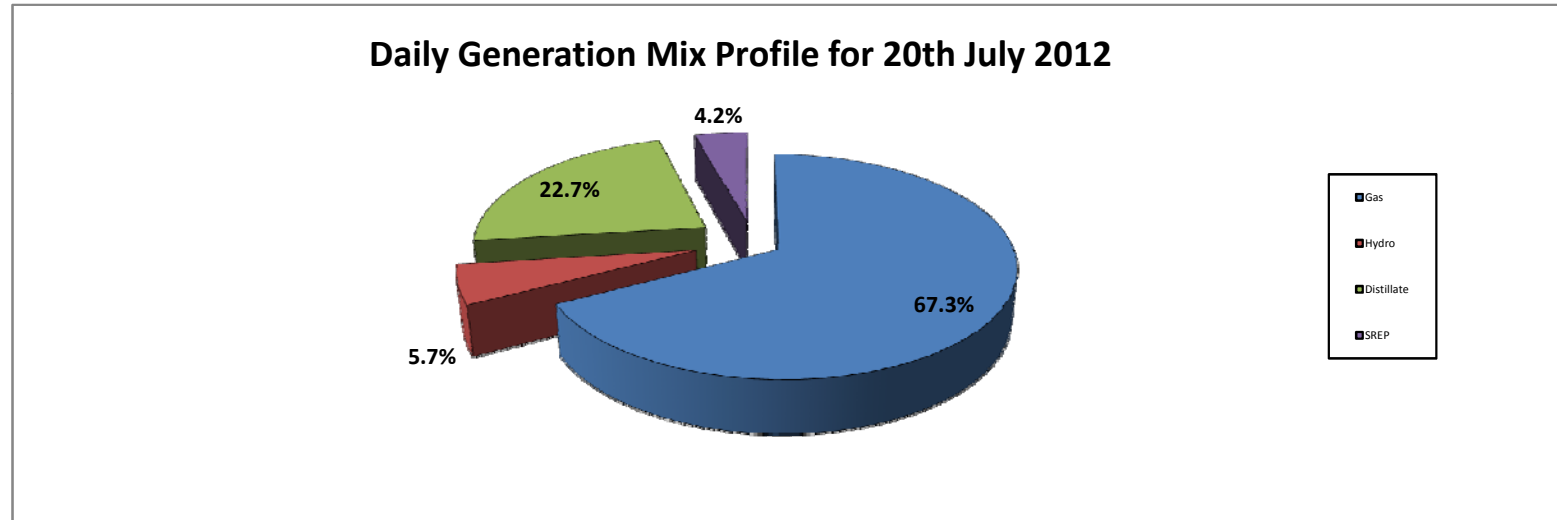
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		576	576	576	574	574	574	574	616.5	634.6	661.2	661.2	665.7	665.7	665.7	665.7	665.7	650.5	628.5	628.5	628.5	628.5	616.5	597.5	576
<b>DEMAND</b>		437.1	420.2	406.9	405.1	406.6	423.7	416.9	442	496.05	537.35	557.45	539.85	527.25	557.65	575.35	566.75	514.5	469.6	535.2	530.3	512.7	509.1	503.8	485.9
<b>OPERATING RESERVE</b>		138.9	155.8	169.1	168.9	167.4	150.3	157.1	174.5	138.55	123.85	103.75	125.85	138.45	108.05	90.35	98.95	136	158.9	93.3	98.2	115.8	107.4	93.7	90.1
West Cost		33275	31049	30131	29989	30300	32540	31834	35345	40132	44440	45674	44866	42937	46090	47526	47044	41354	37357	42833	42572	41408	40925	39295	36559

WEST COAST GRID OPERATION



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

Gas	10,139 MWh
Hydro	856 MWh
Distillate	3,423 MWh
SREP	640 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,427.60 MWh	1,662.10 MWh	807.00 MWh	- MWh
IPP	1,995.60 MWh	8,477.00 MWh	48.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	639.80 MWh
<b>TOTAL</b>	<b>3,423.20 MWh</b>	<b>10,139.10 MWh</b>	<b>855.90 MWh</b>	<b>639.80 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	11%	5%	0%
IPP	13%	56%	0%	0%
SREP	0%	0%	0%	4%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	15,058.00			

DIST (IPP)	13%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	56%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

