

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (20th AUG' 2012)</b>	660 MW	638 MW	-3.38%
<b>Maximum Energy (20th AUG' 2012)</b>	13.1 GWh	11.9 GWh	-9.16%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

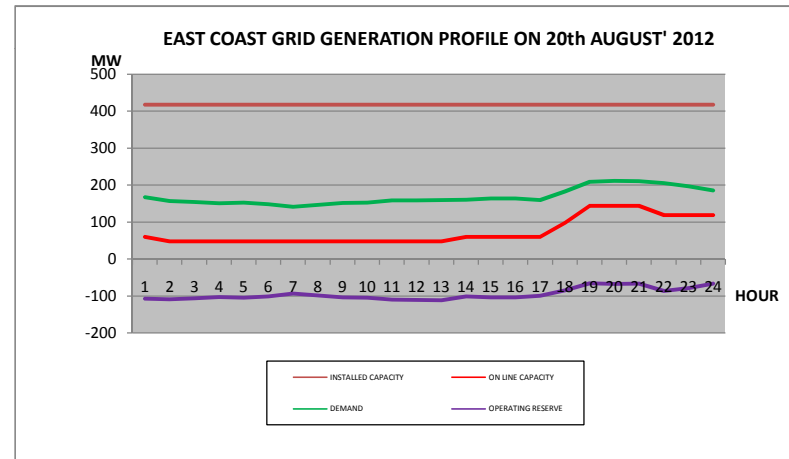
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Sep-12

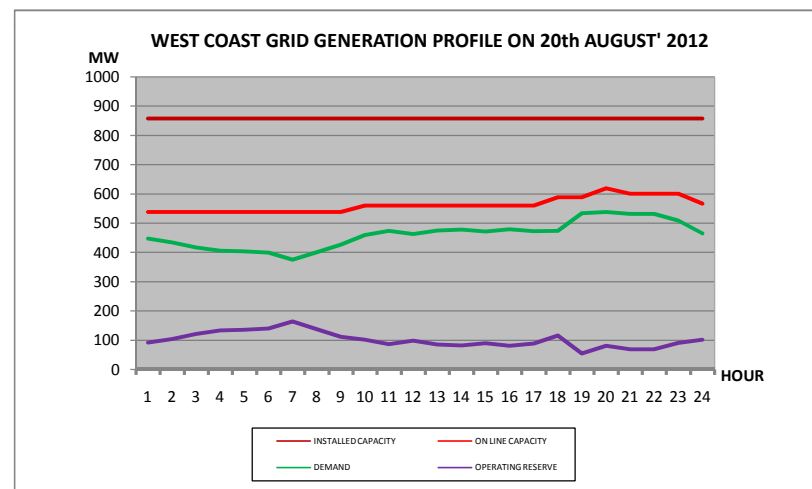
EAST COAST GRID																										
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
<b>ON LINE CAPACITY</b>		60	48	48	48	48	48	48	48	48	48	48	48	48	60	60	60	60	98	144	144	144	119	119	119	
<b>DEMAND</b>		167.64	156.75	154.65	151.03	152.89	148.82	141.68	146.92	152.07	152.67	158.47	158.7	159.81	161	163.7	164.3	159.5	182.6	209.1	211.3	210.1	205.2	197.1	185.29	
<b>OPERATING RESERVE</b>		-107.64	-108.75	-106.65	-103.03	-104.89	-100.82	-93.68	-98.92	-104.07	-104.67	-110.47	-110.7	-111.81	-101	-103.7	-104.3	-99.5	-84.6	-65.1	-67.3	-66.1	-86.2	-78.1	-66.29	
East Cost		6267.07	5069.12	5078.35	5099.71	5220.67	5306.61	5265.86	5277.18	5055.23	4959.14	4815.88	4793.92	4737.3	5397.38	6348.78	6001.09	6076.5	10539	14377.8	14368.1	14456.5	11777.6	11680.9	11835.5	398441

EAST COAST GRID OPERATION



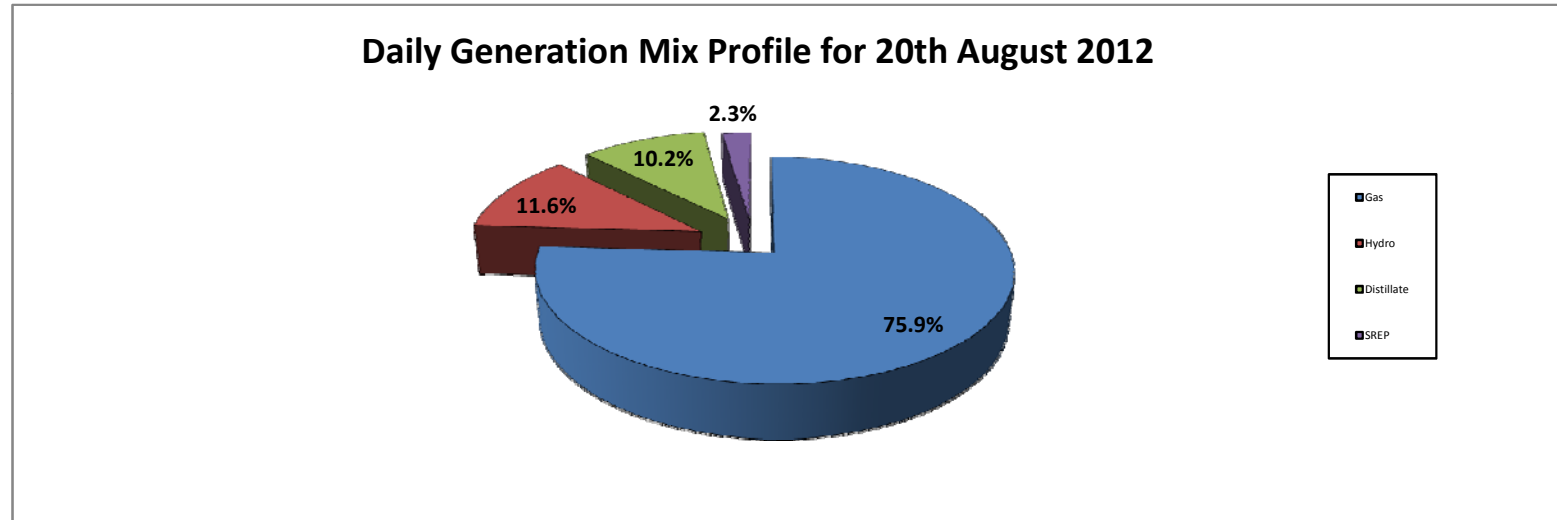
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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>		538.5	538.5	538.5	538.5	538.5	538.5	538.5	538.5	538.5	560.5	560.5	560.5	560.5	560.5	560.5	560.5	560.5	589	589	619	600	600	600	567
<b>DEMAND</b>		446.9	434.2	416.8	405.2	403.4	399.1	374.9	400.5	426.6	459	473.6	462.6	475.1	478.4	471	479.3	472.2	473.4	534	538.4	531.4	531.3	508.8	465
<b>OPERATING RESERVE</b>		91.6	104.3	121.7	133.3	135.1	139.4	163.6	138	111.9	101.5	86.9	97.9	85.4	82.1	89.5	81.2	88.3	115.6	55	80.6	68.6	68.7	91.2	102
West Cost		33191	32247	31145	30133	29971	29792	28256	29701	31431	32453	33583	33061	33689	33744	33152	33806	33156	35187	39433	40396	39066	39043	38106	35830

WEST COAST GRID OPERATION



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

Gas	9,360 MWh
Hydro	1,431 MWh
Distillate	1,257 MWh
SREP	279 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	312.60 MWh	1,116.60 MWh	1,410.00 MWh	- MWh
IPP	944.00 MWh	8,243.80 MWh	20.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	279.40 MWh
<b>TOTAL</b>	<b>1,256.60 MWh</b>	<b>9,360.40 MWh</b>	<b>1,430.80 MWh</b>	<b>279.40 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	3%	9%	11%	0%
IPP	8%	67%	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>	12,327.20			

DIST (IPP)	8%
DIST (SESB)	3%
SREP	2%
GAS (SESB)	9%
GAS (IPP)	67%
HYDRO (SESB)	11%
HYDRO (IPP)	0%
total	100%

