

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (20th OCT' 2012)</b>	740 MW	697 MW	-5.80%
<b>Maximum Energy (20th OCT' 2012)</b>	14.9 MW	14.2 GWh	-4.70%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

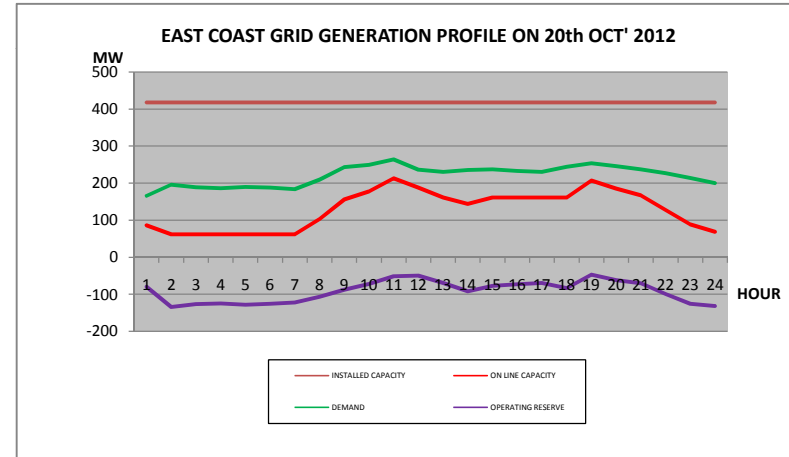
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

24-Oct-12

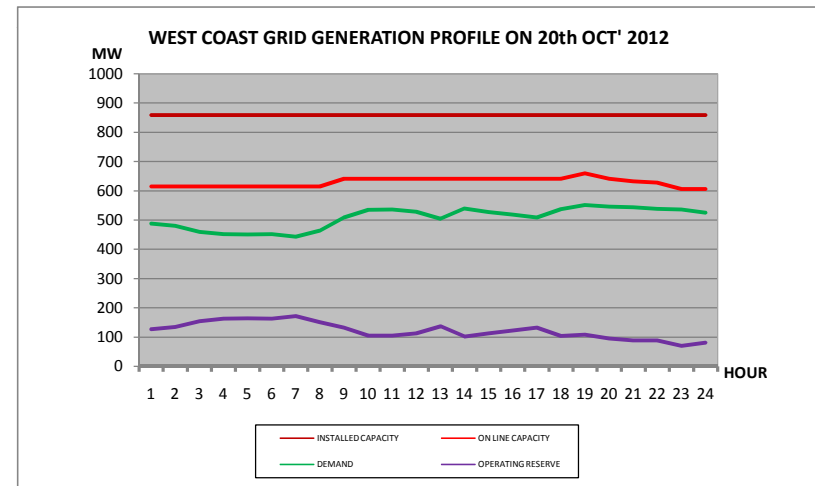
<b>EAST COAST GRID</b>																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		86	62	62	62	62	62	62	103	156	178	213	188	161	144	161	161	161	161	207	185	167	128	89	69
<b>DEMAND</b>		165.7	196.35	188.83	186.53	190.07	187.94	183.84	209.49	243.78	250.02	264.41	237.07	230.63	235.86	237.79	233.39	230.65	244.1	253.7	246.17	237.18	227.55	214.28	200.75
<b>OPERATING RESERVE</b>		-79.7	-134.35	-126.83	-124.53	-128.07	-125.94	-121.84	-106.49	-87.78	-72.02	-51.41	-49.07	-69.63	-91.86	-76.79	-72.39	-69.65	-83.1	-46.7	-61.17	-70.18	-99.55	-125.28	-131.75
East Cost		10489.8	8420.56	8220.34	8298.21	8352.74	8284.23	8506.5	12892.3	18534.1	21153	24184	20808.9	18281.5	15736.1	17127.5	16448.8	16701	18136.1	20435.5	19139.7	17868.4	15203.4	11348.4	8595.41

EAST COAST GRID OPERATION



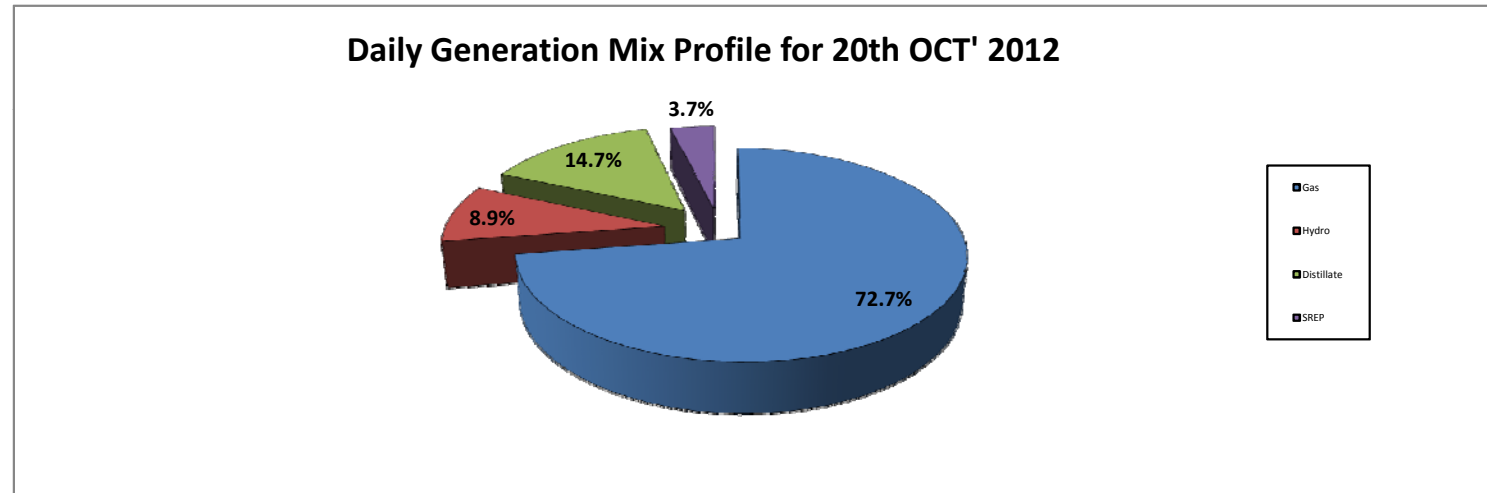
<b>WEST COAST GRID</b>																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</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>		614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	614.5	641	641	641	641	641	641	641	641	641	660	641	632.5	628	606	606
<b>DEMAND</b>		487.7	479.7	459.8	451.9	450.2	451.6	442.9	463.7	508.2	535.4	535.7	528.1	504.3	539.2	527.8	518.5	508.8	537.3	551.4	545.6	543.5	538.7	535.6	524.9
<b>OPERATING RESERVE</b>		126.8	134.8	154.7	162.6	164.3	162.9	171.6	150.8	132.8	105.6	105.3	112.9	136.7	101.8	113.2	122.5	132.2	103.7	108.6	95.4	89	89.3	70.4	81.1
West Cost		37796.1	37358.7	35895	34547.8	34270.6	34392.9	34418.6	36222.1	38328.2	40255.4	39403.3	38809.7	37203.4	40613.4	39626.3	38927.6	37367.7	40162.6	41225.8	39216.2	38618.5	38795	40008.7	39465.6

WEST COAST GRID OPERATION



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

Gas	10,657 MWh
Hydro	1,310 MWh
Distillate	2,150 MWh
SREP	548 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	689.50 MWh	1,935.40 MWh	1,252.00 MWh	- MWh
IPP	1,460.00 MWh	8,721.10 MWh	57.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	548.20 MWh
<b>TOTAL</b>	<b>2,149.50 MWh</b>	<b>10,656.50 MWh</b>	<b>1,309.50 MWh</b>	<b>548.20 MWh</b>

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	13%	9%	0%
IPP	10%	59%	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>	14,663.70			

DIST (IPP)	10%
DIST (SESB)	5%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	59%
HYDRO (SESB)	9%
HYDRO (IPP)	0%
total	100%

