

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (22nd SEPT' 2012)	730 MW	758 MW	3.82%
Maximum Energy (22nd SEPT' 2012)	15.1 MW	14.5 GWh	-3.97%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

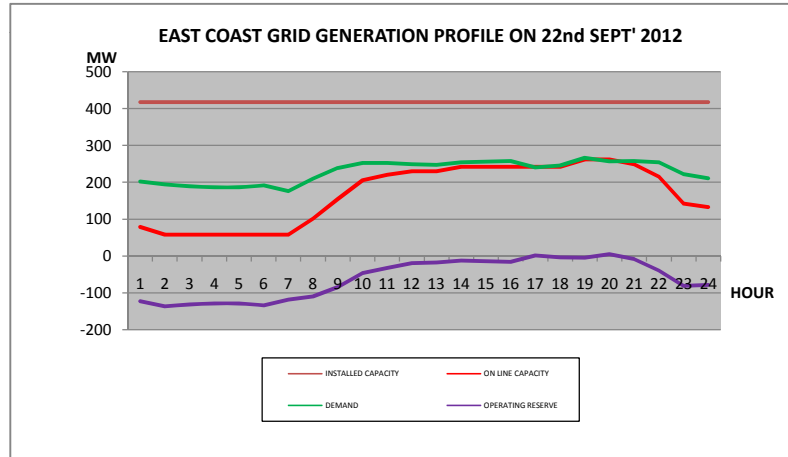
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

25-Sep-12

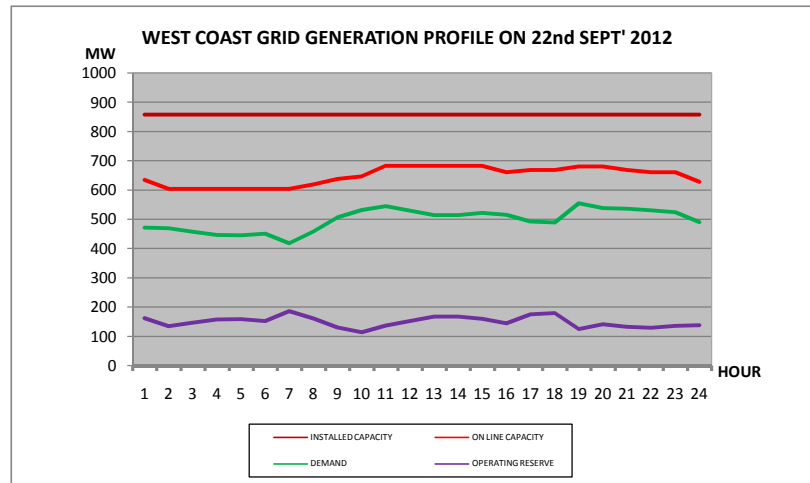
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		79	58	58	58	58	58	58	101	154	205.8	220.8	229.8	229.8	241.8	241.8	241.8	241.8	241.8	262.1	262.1	249.5	215	142	133
DEMAND		202.02	194.6	189.41	186.53	186.89	192.19	176.27	210.54	238.4	252.39	252.88	249.31	247.34	254.23	256.31	257.42	240.28	245.62	266.52	257.09	257.52	253.99	222.65	211.2
OPERATING RESERVE		-123.02	-136.6	-131.41	-128.53	-128.89	-134.19	-118.27	-109.54	-84.4	-46.59	-32.08	-19.51	-17.54	-12.43	-14.51	-15.62	1.52	-3.82	-4.42	5.01	-8.02	-38.99	-80.65	-78.2
East Cost		11163.5	8920.97	8800.72	8693.42	8628.03	8863.76	8841.69	13412	18460	23480	24666.6	25554.4	25957.9	27525.4	27429.8	27025.1	26684.7	27464.5	30725.8	29941.9	28467.2	24719.9	17694.2	16137.5

EAST COAST GRID OPERATION



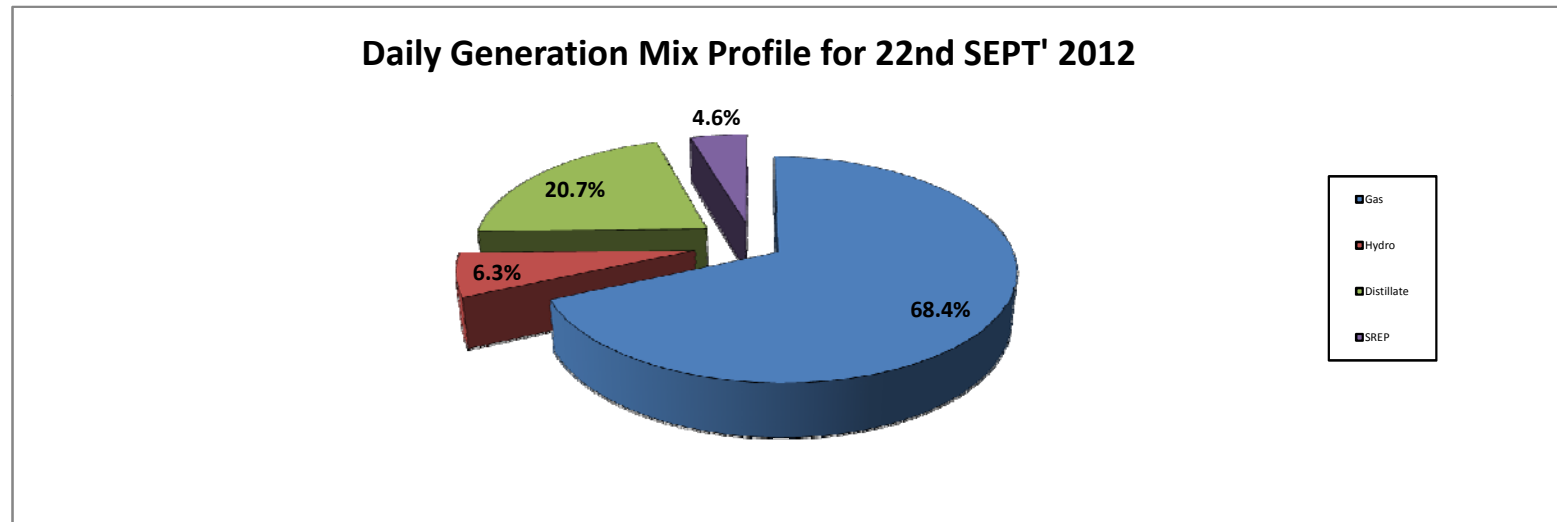
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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
ON LINE CAPACITY		634.5	604.5	604.5	604.5	604.5	604.5	604.5	620	638	646.5	683	683	683	683	683	661	669	669	681	681	669	661	661	629
DEMAND		472.1	469.5	457.4	446.1	445.6	451.5	418	459	506.6	531.9	546	530.1	514.8	514.9	522.3	515.8	493.1	489	555.4	539	536.4	531	524.7	490.6
OPERATING RESERVE		162.4	135	147.1	158.4	158.9	153	186.5	161	131.4	114.6	137	152.9	168.2	168.1	160.7	145.2	175.9	180	125.6	142	132.6	130	136.3	138.4
West Cost		36096.8	35595.8	34531.6	33935.5	33875.1	34251.3	32086.5	35210.5	38847.7	40752	42231.4	41158.4	40810.4	40956.5	41515.4	41967.1	40901.1	40646.4	44842.7	43977.4	43620.1	42721.3	42311.9	38633.9

WEST COAST GRID OPERATION



Generation Mix Profile for 22nd September 2012

Gas	10,338 MWh
Hydro	950 MWh
Distillate	3,135 MWh
SREP	692 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,446.50 MWh	1,428.60 MWh	915.00 MWh	- MWh
IPP	1,688.50 MWh	8,909.00 MWh	35.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	691.50 MWh
TOTAL	3,135.00 MWh	10,337.60 MWh	950.40 MWh	691.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	9%	6%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	15,114.50			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	5%
GAS (SESB)	9%
GAS (IPP)	59%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

