

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th SEPT' 2012)	780 MW	796 MW	2.08%
Maximum Energy (20th SEPT' 2012)	16.3 MW	15.1 GWh	-7.36%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

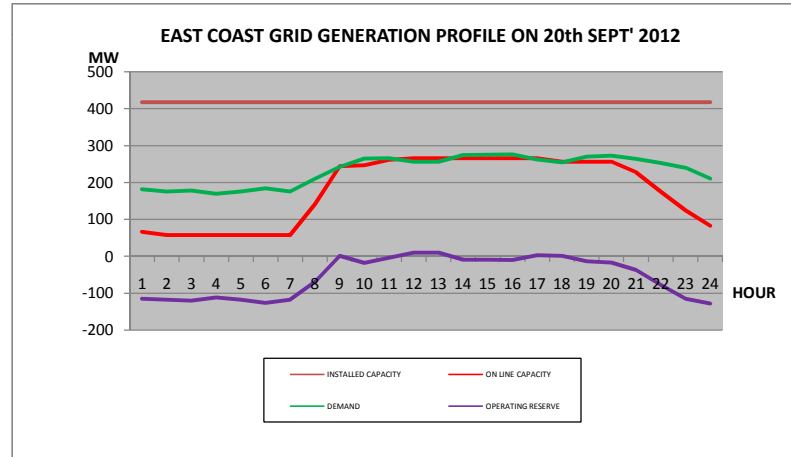
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

25-Sep-12

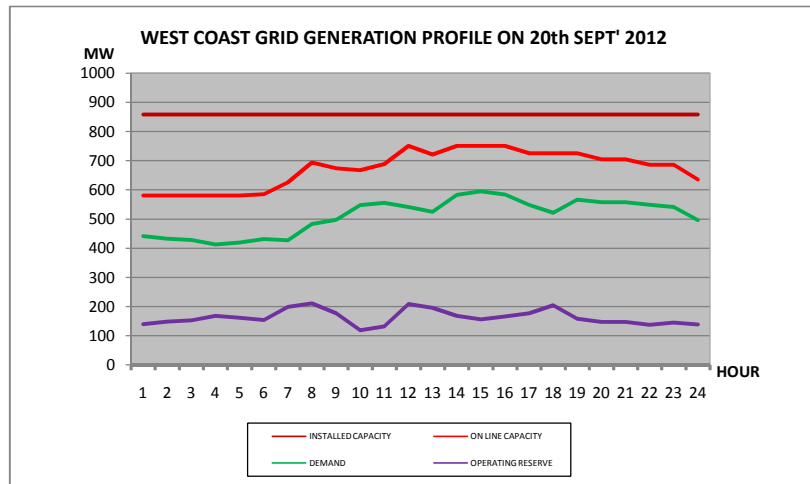
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		67	58	58	58	58	58	58	142	244.3	247.1	262.1	266.1	266.1	266.1	266.1	266.1	266.1	256.3	256.3	256.3	228	175	125	83
DEMAND		181.79	175.64	178.33	169.68	175.86	184.09	175.6	210.84	242.75	264.78	265.96	256.25	256.24	275.02	275.59	276.39	262.8	254.94	269.91	273.33	264.49	252.71	239.9	210.84
OPERATING RESERVE		-114.79	-117.64	-120.33	-111.68	-117.86	-126.09	-117.6	-68.84	1.55	-17.68	-3.86	9.85	9.86	-8.92	-9.49	-10.29	3.3	1.36	-13.61	-17.03	-36.49	-77.71	-114.9	-127.84
East Cost		9550.62	8352.83	8154.93	8464.34	8853.72	8488.5	8994.06	16980.7	28993.5	30487.6	31782.4	31564.4	32292.8	31588.7	30725.5	30334.6	30000.2	29323.8	29706.8	29030.9	25786	20673.4	15371.9	11194.1

EAST COAST GRID OPERATION



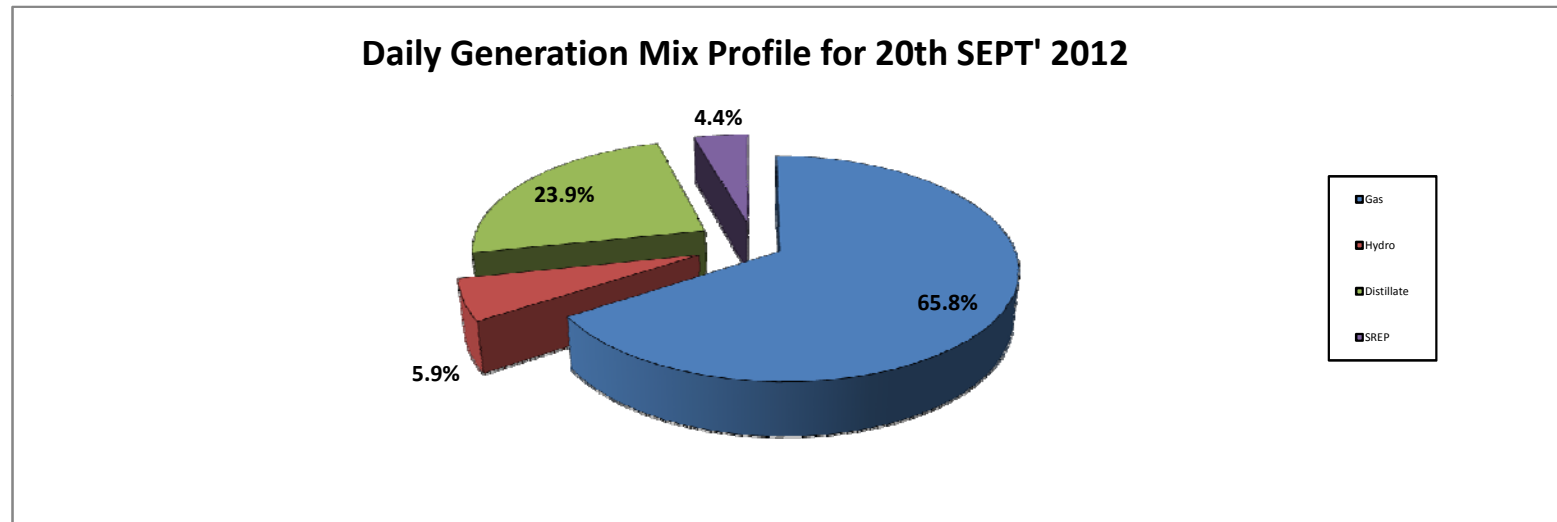
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		580.5	580.5	580.5	580.5	580.5	585	625.5	693.5	674	667	687.6	750.6	720.6	750.6	750.6	750.6	725	725	725	705	705	686	686	635
DEMAND		441.1	432.7	427.4	412.4	418.7	431.2	426.6	482.7	496.8	548.3	556.05	541.65	525.05	582.75	595.15	584.55	548.2	521.3	566.6	557.9	557.9	548.5	540.9	496.4
OPERATING RESERVE		139.4	147.8	153.1	168.1	161.8	153.8	198.9	210.8	177.2	118.7	131.55	208.95	195.55	167.85	155.45	166.05	176.8	203.7	158.4	147.1	147.1	137.5	145.1	138.6
West Cost		34555.3	34299.7	33979.3	32755.5	33246.1	33624.7	34749.1	39784.1	41116	44702.2	45752.2	46650.9	44536	47890.1	48387.7	47753.2	44920.3	43058.4	45846.1	44379.2	44382.4	42587.7	42133.5	38653.2

WEST COAST GRID OPERATION



Generation Mix Profile for 20th September 2012

Gas	10,281 MWh
Hydro	923 MWh
Distillate	3,734 MWh
SREP	682 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,633.30 MWh	1,503.10 MWh	885.00 MWh	- MWh
IPP	2,101.10 MWh	8,777.90 MWh	37.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	681.80 MWh
TOTAL	3,734.40 MWh	10,281.00 MWh	922.50 MWh	681.80 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	6%	0%
IPP	13%	56%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,619.70			

DIST (IPP)	13%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	56%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

