

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (12th SEPT' 2012)	795 MW	805 MW	1.26%
Maximum Energy (12th SEPT' 2012)	16.1 GWh	15.6 GWh	-3.11%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

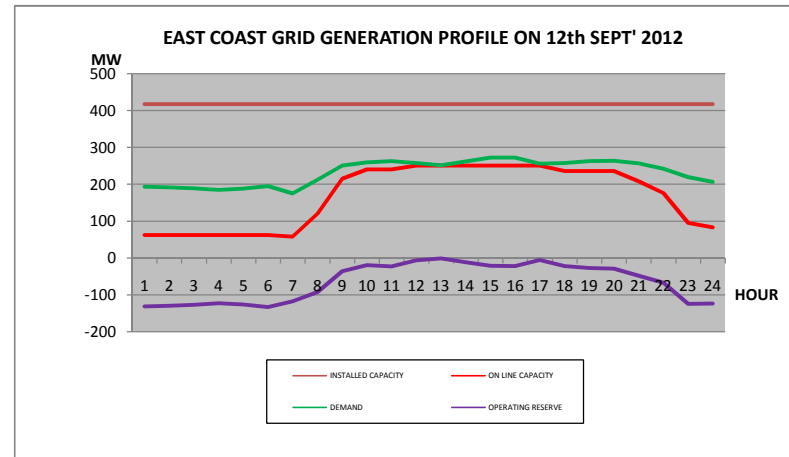
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

14-Sep-12

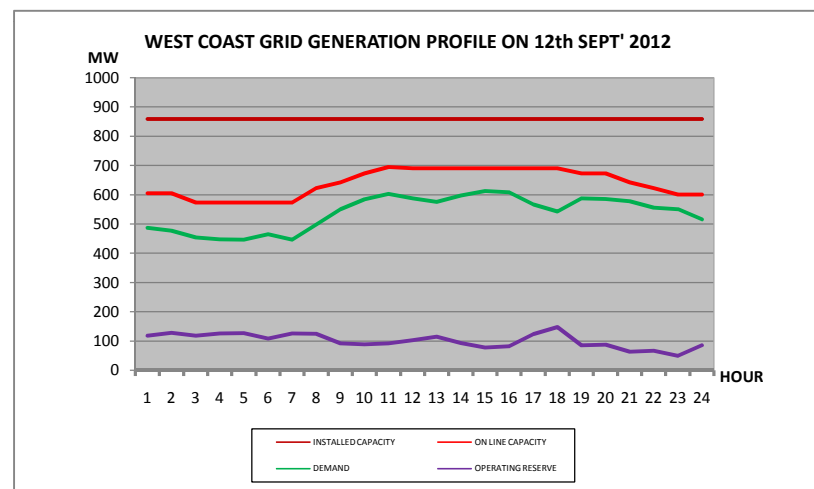
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		62	62	62	62	62	62	58	121	215.8	240.6	240.6	251.1	251.1	251.1	251.1	251.1	251.1	236.1	236.1	236.1	208.5	176	95	83
DEMAND		193.46	191.6	188.77	184.92	188.17	194.92	175.09	213.02	251.43	259.89	263.51	257.72	252.12	262.37	272.44	272.87	256.05	258.28	262.84	264.5	256.74	242.73	219.21	206.09
OPERATING RESERVE		-131.46	-129.6	-126.77	-122.92	-126.17	-132.92	-117.09	-92.02	-35.63	-19.29	-22.91	-6.62	-1.02	-11.27	-21.34	-21.77	-4.95	-22.18	-26.74	-28.4	-48.24	-66.73	-124.21	-123.09
East Cost		8894.23	8678	8858.27	8706.61	9024.65	8565.44	8643.08	14903.1	25109	28053.8	28179.1	28697.3	29446.9	29852.2	30337	29908.3	27961.6	28382.7	28452.4	27999.4	24509.8	20307.8	11921.2	10717

EAST COAST GRID OPERATION



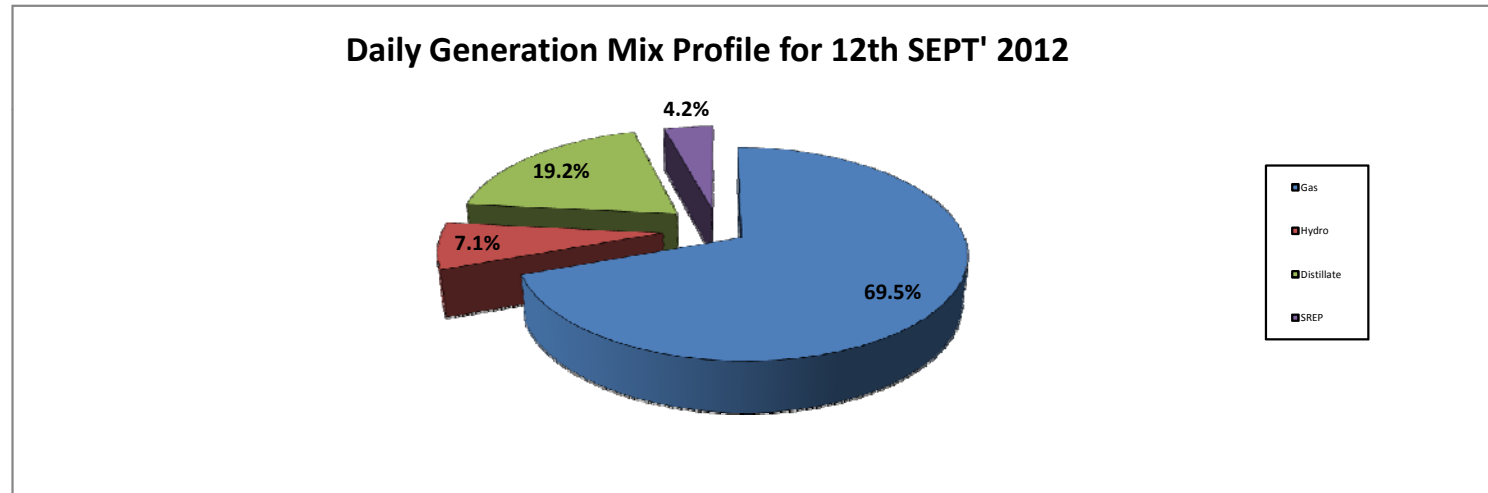
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		605	605	573	573	573	573	573	623	642	673	695	690.5	690.5	690.5	690.5	690.5	690.5	690.5	673	673	642	623	600.5	600.5
DEMAND		486.1	476.4	454.3	446.9	446.2	464.6	446.5	498.1	549.7	583.6	602.1	587.2	575.6	597	612.3	608.2	566.3	542.5	587.3	585.1	577.4	555.3	550.4	515
OPERATING RESERVE		118.9	128.6	118.7	126.1	126.8	108.4	126.5	124.9	92.3	89.4	92.9	103.3	114.9	93.5	78.2	82.3	124.2	148	85.7	87.9	64.6	67.7	50.1	85.5
West Cost		35564.2	34884.8	32484.3	31991.9	31811.7	33084.8	32201.2	37627.6	42676.2	44929.7	47125.7	45521.3	45116.6	46618.6	47627	47218	44302.5	42829.5	45308.8	45004.6	44117.4	41608.1	40229.6	37557.7

WEST COAST GRID OPERATION



Generation Mix Profile for 12th September 2012

Gas	11,145 MWh
Hydro	1,139 MWh
Distillate	3,083 MWh
SREP	672 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,526.10 MWh	2,085.00 MWh	1,092.00 MWh	- MWh
IPP	1,556.40 MWh	9,059.80 MWh	47.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	671.50 MWh
TOTAL	3,082.50 MWh	11,144.80 MWh	1,139.00 MWh	671.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	13%	7%	0%
IPP	10%	56%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,037.80			

DIST (IPP)	10%
DIST (SESB)	10%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	56%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

