

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (29th NOV' 2012)	800 MW	784 MW	-1.97%
Maximum Energy (29th NOV' 2012)	15.9 MW	15.6 GWh	-1.89%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

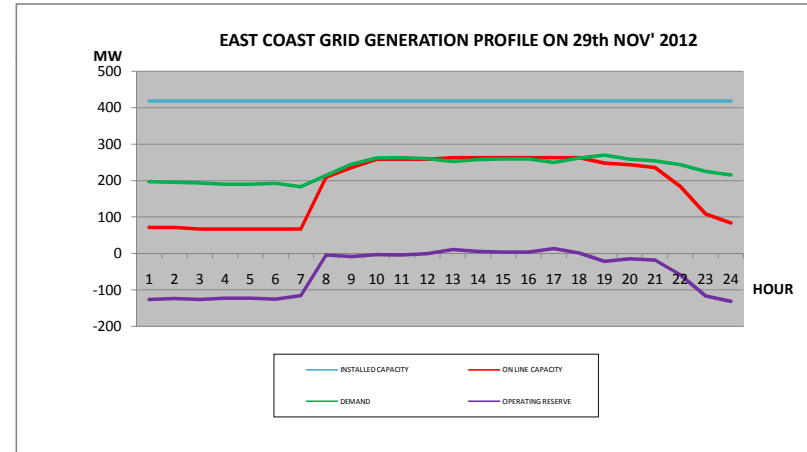
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

04-Dec-12

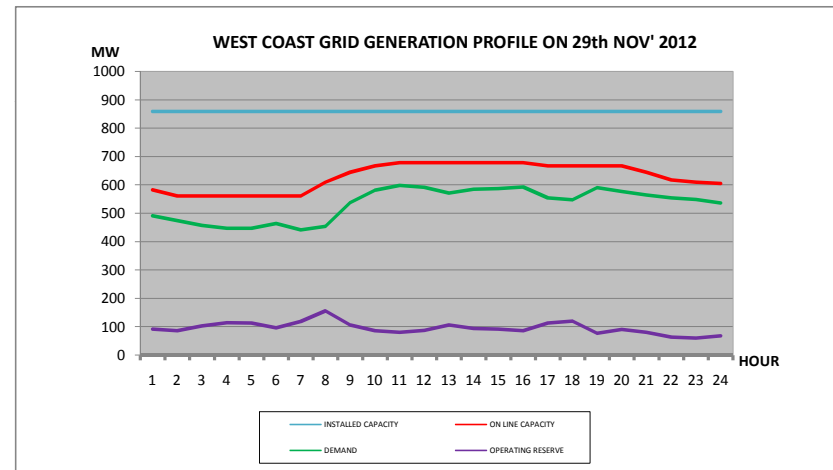
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		71	71	67	67	67	67	67	209	235.8	258.8	258.8	258.8	262.8	262.8	262.8	262.8	247.8	243.8	235.8	184	108	84		
DEMAND		196.71	194.4	192.71	189.53	189.74	192.47	182.51	213.51	244.13	261.83	263.08	259.71	252.38	257.12	259.01	259.16	249.59	261.69	269.7	258.54	254.25	242.97	224.63	215.17
OPERATING RESERVE		-125.71	-123.4	-125.71	-122.53	-122.74	-125.47	-115.51	-4.51	-8.33	-3.03	-4.28	-0.91	10.42	5.68	3.79	3.64	13.21	1.11	-21.9	-14.74	-18.45	-58.97	-116.63	-131.17
East Cost		9087.97	9159.42	9347.04	8294.95	9190.82	8596.98	8828.3	21910.9	25194.3	27559.4	28114.2	27917.6	28132.4	28778.3	29601.1	29046.8	28461.1	29157.4	27389.2	26954.5	26095.7	19639.9	13382.6	10830

EAST COAST GRID OPERATION



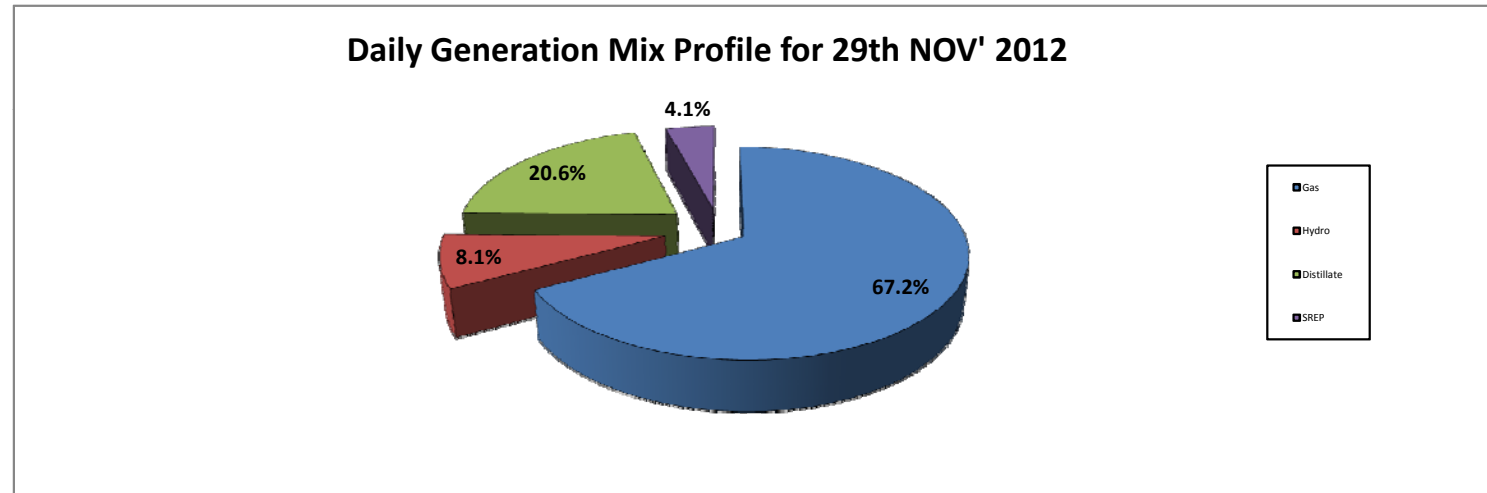
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		582.5	560.5	560.5	560.5	560.5	560.5	560.5	609	644.5	667.5	678.5	678.5	678.5	678.5	678.5	667.5	667.5	667.5	667.5	667.5	644.5	617.5	609	604.5
DEMAND		491	474.1	457	446.6	446.7	463.7	441.1	453	537.4	581.3	598.3	591.3	571.5	584.5	586.7	592.2	554	546.9	590	577.2	564	553.9	548.5	535.8
OPERATING RESERVE		91.5	86.4	103.5	113.9	113.8	96.8	119.4	156	107.1	86.2	80.2	87.2	107	94	91.8	86.3	113.5	120.6	77.5	90.3	80.5	63.6	60.5	68.7
West Cost		36789.8	37159.3	35921	35050.8	35057.2	36395	34775.1	34096.3	41602.6	45284.4	46793.4	46164.3	45020.9	45923.2	46100.6	46010.2	43343.8	42847.2	45472.6	44959.9	43598	40653.5	39842.5	38537.4

WEST COAST GRID OPERATION



Generation Mix Profile for 29th November 2012

Gas	10,739 MWh
Hydro	1,298 MWh
Distillate	3,291 MWh
SREP	662 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,450.80 MWh	1,636.50 MWh	1,226.00 MWh	- MWh
IPP	1,840.50 MWh	9,102.20 MWh	72.30 MWh	- MWh
SREP	- MWh	- MWh	- MWh	662.20 MWh
TOTAL	3,291.30 MWh	10,738.70 MWh	1,298.30 MWh	662.20 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	10%	8%	0%
IPP	12%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,990.50			

DIST (IPP)	12%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	10%
GAS (IPP)	57%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

