

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (14th NOV' 2012)	770 MW	799 MW	3.77%
Maximum Energy (14th NOV' 2012)	15.7 MW	15.5 GWh	-1.27%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

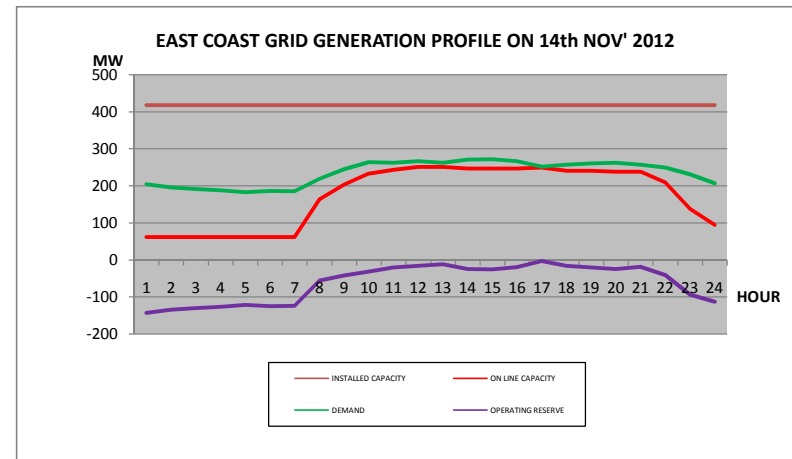
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

20-Nov-12

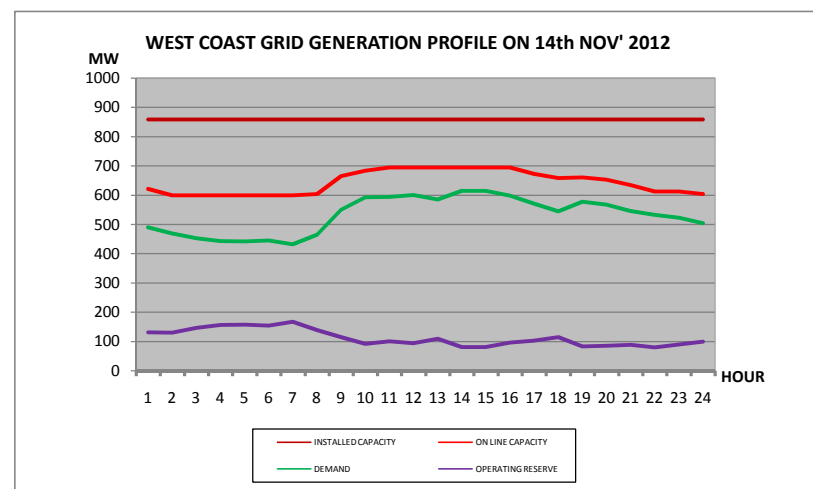
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		62	62	62	62	62	62	62	164	203.8	233.3	243.3	251.3	251.3	247.3	247.3	247.3	249.3	241.3	241.3	238.5	238.5	209	138	95
DEMAND		204.37	195.55	191.25	187.81	182.89	186.53	185.83	219.54	245.69	265.08	263.3	267.1	263.27	271.87	272.51	266.87	252.27	257.38	261.34	262.86	257.3	249.99	231.71	207.45
OPERATING RESERVE		-142.37	-133.55	-129.25	-125.81	-120.89	-124.53	-123.83	-55.54	-41.89	-31.78	-20	-15.8	-11.97	-24.57	-25.21	-19.57	-2.97	-16.08	-20.04	-24.36	-18.8	-40.99	-93.71	-112.45
East Cost		8485.82	8570.93	8517.34	8517.11	8635.61	8594.05	8541.5	18897.9	22644	26244.2	27344.4	27884.7	28243.4	28467.2	28446.1	28124.9	26592.7	27078.2	26317.6	25984.7	25893.5	22858.3	16389.5	12126

EAST COAST GRID OPERATION



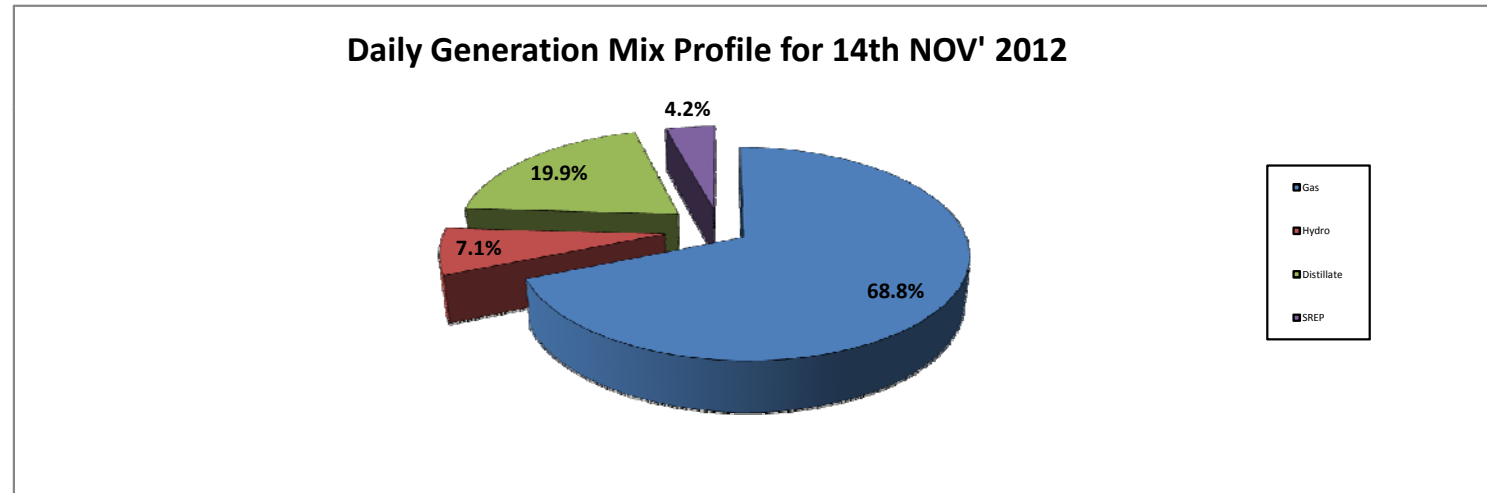
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		621	599	599	599	599	599	599	603.5	665	684	695	695	695	695	695	695	673	659	661	653	634	612	612	603.5
DEMAND		490.5	469.2	452.5	443.2	441.4	445.6	432.1	465.4	550.4	592.4	594.3	600.7	585.6	614.3	614.6	598.6	570.9	544.8	577.8	567.6	546.1	532.3	523	503.7
OPERATING RESERVE		130.5	129.8	146.5	155.8	157.6	153.4	166.9	138.1	114.6	91.6	100.7	94.3	109.4	80.7	80.4	96.4	102.1	114.2	83.2	85.4	87.9	79.7	89	99.8
West Cost		39847.4	39395.9	36722.9	35969.8	35872	36119.6	35181.6	38012.8	44902.2	48273.8	48210.1	48430.1	47320.1	49646.3	49551	48517.4	45818.4	44551	46105	45070.9	42262.3	42932.6	42180.2	40243.4

WEST COAST GRID OPERATION



Generation Mix Profile for 14th November 2012

Gas	10,952 MWh
Hydro	1,126 MWh
Distillate	3,163 MWh
SREP	667 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,499.20 MWh	1,445.20 MWh	1,050.00 MWh	- MWh
IPP	1,663.60 MWh	9,506.80 MWh	76.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	666.50 MWh
TOTAL	3,162.80 MWh	10,952.00 MWh	1,126.10 MWh	666.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	9%	7%	0%
IPP	10%	60%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,907.40			

DIST (IPP)	10%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	60%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

