

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (13th NOV' 2012)	700 MW	734 MW	4.89%
Maximum Energy (13th NOV' 2012)	13.9 MW	14.2 GWh	2.16%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

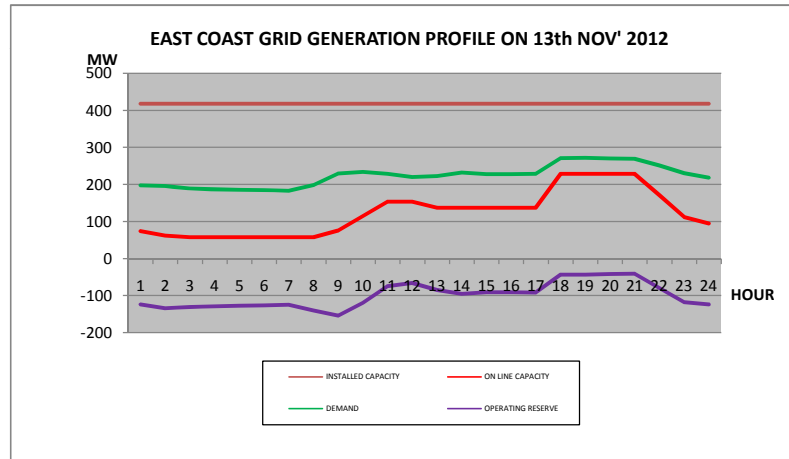
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

20-Nov-12

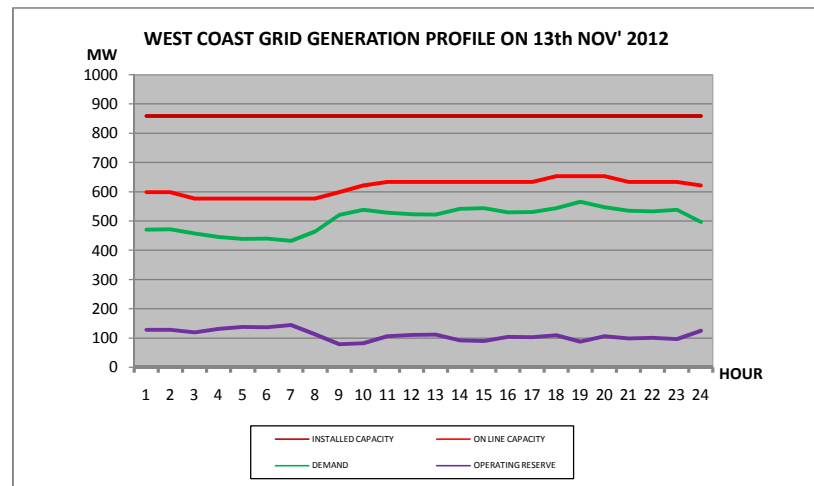
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		74	62	58	58	58	58	58	58	76	115	154	154	137	137	137	137	137	228.5	228.5	228.5	228.5	171	112	95
DEMAND		197.73	195.89	189.09	187.43	185.55	184.51	182.64	198.11	230.06	234.17	228.92	220.13	222.27	232.64	227.71	228.11	228.54	271.91	272.35	270.47	269.42	251.08	230.18	218.77
OPERATING RESERVE		-123.73	-133.89	-131.09	-129.43	-127.55	-126.51	-124.64	-140.11	-154.06	-119.17	-74.92	-66.13	-85.27	-95.64	-90.71	-91.11	-91.54	-43.41	-43.85	-41.97	-40.92	-80.08	-118.18	-123.77
East Cost		9869.5	8567.08	8558.79	8803.86	8537.65	8588.58	8636.55	8410.27	9250.87	12372.8	16365.3	16356.8	15074.9	15050.1	14537.7	15127.9	15049.8	25000.1	24560.7	24641	25190.5	18568.2	13504	11909.9

EAST COAST GRID OPERATION



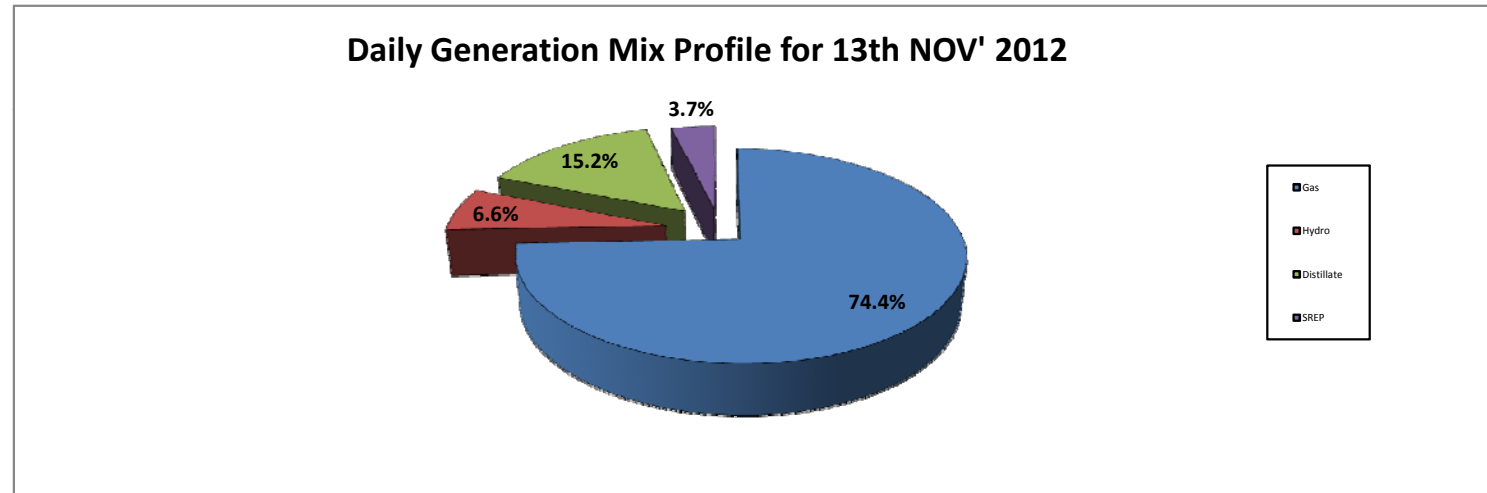
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		599	599	577	577	577	577	577	577	599	621	634	634	634	634	634	634	634	653	653	653	634	634	634	621
DEMAND		470.8	471	457	445.4	439	440.3	432.1	464	520.3	538.7	528	523	521.8	541.7	543.8	530	530.9	543.7	565.6	547	534.9	533.1	537.7	496.4
OPERATING RESERVE		128.2	128	120	131.6	138	136.7	144.9	113	78.7	82.3	106	111	112.2	92.3	90.2	104	103.1	109.3	87.4	106	99.1	100.9	96.3	124.6
West Cost		39419.1	39535.8	39623.3	38654.1	38307	38421.1	37764.7	40134.5	42913.8	43243.2	43048.8	42637.1	42644.5	44237	44941.4	43714.9	43760.5	45695.6	47451.6	46022	44084.6	43869.4	43987.8	40120.8

WEST COAST GRID OPERATION



Generation Mix Profile for 13th November 2012

Gas	10,832 MWh
Hydro	966 MWh
Distillate	2,216 MWh
SREP	545 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	694.60 MWh	1,894.00 MWh	891.00 MWh	- MWh
IPP	1,520.90 MWh	8,937.50 MWh	74.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	545.40 MWh
TOTAL	2,215.50 MWh	10,831.50 MWh	965.70 MWh	545.40 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	13%	6%	0%
IPP	10%	61%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	14,558.10			

DIST (IPP)	10%
DIST (SESB)	5%
SREP	4%
GAS (SESB)	13%
GAS (IPP)	61%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

