

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (6th NOV' 2012)	805 MW	801 MW	-0.48%
Maximum Energy (6th NOV' 2012)	16.0 MW	15.5 GWh	-3.13%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

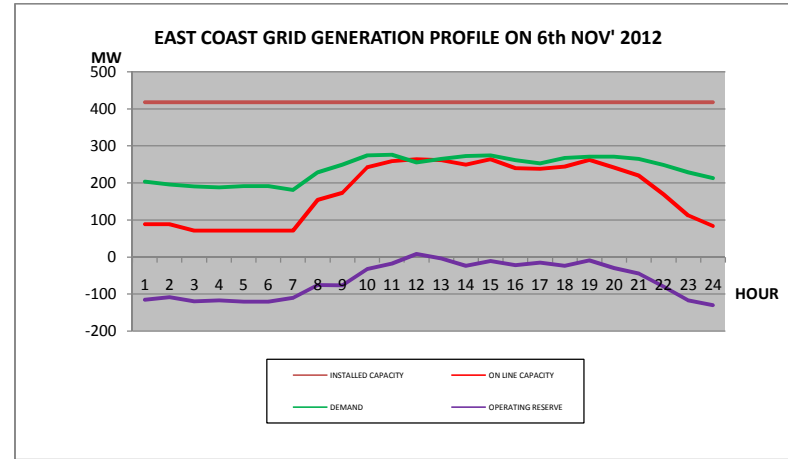
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

12-Nov-12

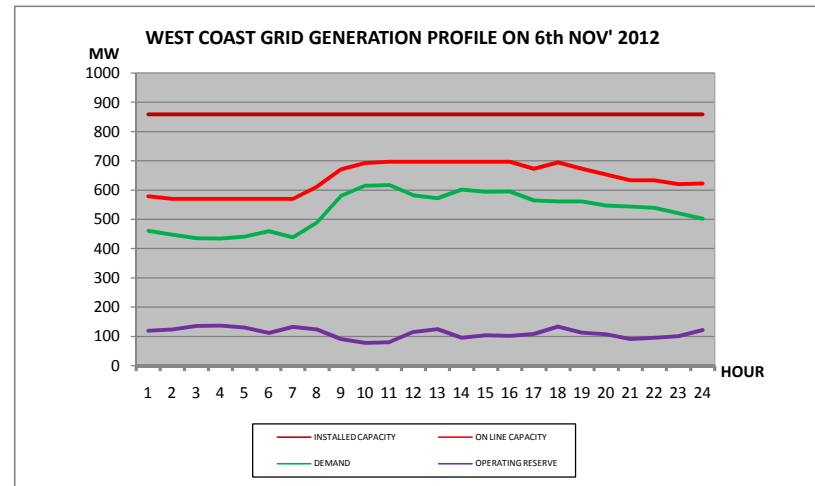
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		88	88	71	71	71	71	71	154	173.1	242.1	259.1	264.1	261.3	249.1	264.1	240.1	238.1	244.3	262.1	241.8	220	169	112	83
DEMAND		203.74	196.42	191.17	188.43	191.81	192.07	181.42	229.31	249.68	274.38	276.5	255.83	265.15	273	274.91	261.8	253.14	268.17	271.06	271.34	264.88	248.67	228.85	213.21
OPERATING RESERVE		-115.74	-108.42	-120.17	-117.43	-120.81	-121.07	-110.42	-75.31	-76.58	-32.28	-17.4	8.27	-3.85	-23.9	-10.81	-21.7	-15.04	-23.87	-8.96	-29.54	-44.88	-79.67	-116.85	-130.21
East Cost		12338.9	12171.6	9284.3	9316.64	9394.51	9315.82	9280.79	17779.6	19494.6	25267.8	28130.2	28352.7	29579	28801.8	29212.6	27343.1	26113.5	27471.7	29157	27269.1	24690.6	17806.4	13667.6	10567.9

EAST COAST GRID OPERATION



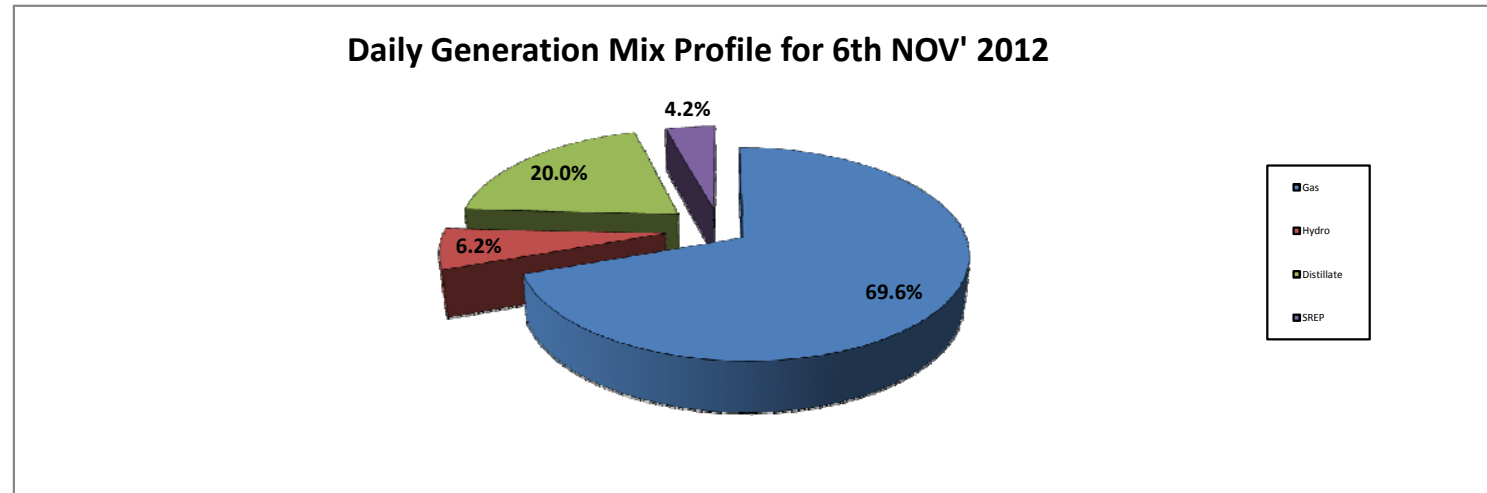
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		579	570.5	570.5	570.5	570.5	570.5	570.5	611.5	670.5	692.5	697	697	697	697	697	697	673	695	673	653	634	634	621	623
DEMAND		460.2	447.3	435.4	434.1	441.1	459.5	438.3	488.7	580.2	615.4	617.2	582.1	572.6	601.8	593.8	595.4	564.7	561.4	561.3	546.5	543.7	539.1	520.5	502.3
OPERATING RESERVE		118.8	123.2	135.1	136.4	129.4	111	132.2	122.8	90.3	77.1	79.8	114.9	124.4	95.2	103.2	101.6	108.3	133.6	111.7	106.5	90.3	94.9	100.5	120.7
West Cost		37876	36463.5	35784.9	35663.8	36246.6	37631.3	36045.4	39613.8	46911.8	49730	49669.7	47455.6	46863.3	49930.9	49106.2	49029.4	47918.4	46018.2	45919.9	44252.8	42774.4	42478.9	40331.1	38779.1

WEST COAST GRID OPERATION



Generation Mix Profile for 6th November 2012

Gas	11,052 MWh
Hydro	989 MWh
Distillate	3,177 MWh
SREP	667 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,464.80 MWh	1,963.90 MWh	922.00 MWh	- MWh
IPP	1,712.30 MWh	9,088.10 MWh	67.20 MWh	- MWh
SREP	- MWh	- MWh	- MWh	667.10 MWh
TOTAL	3,177.10 MWh	11,052.00 MWh	989.20 MWh	667.10 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	12%	6%	0%
IPP	11%	57%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,885.40			

DIST (IPP)	11%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	12%
GAS (IPP)	57%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

