

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (5th NOV' 2012)	805 MW	804 MW	-0.12%
Maximum Energy (5th NOV' 2012)	16.0 MW	15.4 GWh	-3.75%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

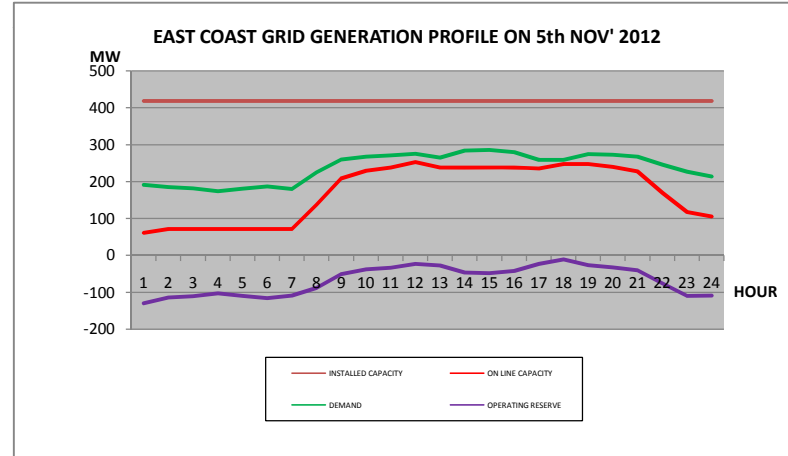
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

12-Nov-12

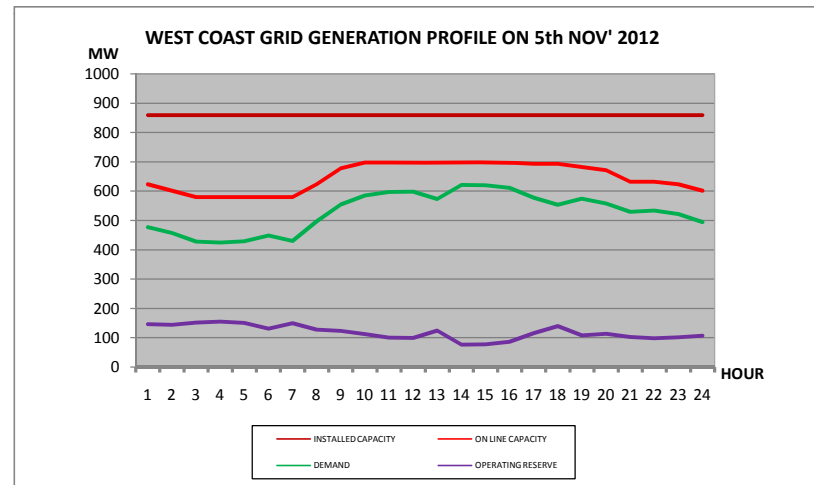
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		61	71	71	71	71	71	71	137	208.1	229.1	237.1	252.1	237.1	237.1	237.1	237.1	235.1	247.1	247.1	239.1	226.8	169	117	105
DEMAND		190.5	184.98	181.41	173.44	180.5	186.39	179.6	224.74	259.17	267.37	271.13	275.41	264.9	283.91	285.48	279.76	258.68	258.51	273.98	272.4	267.34	245.41	226.84	213.69
OPERATING RESERVE		-129.5	-113.98	-110.41	-102.44	-109.5	-115.39	-108.6	-87.74	-51.07	-38.27	-34.03	-23.31	-27.8	-46.81	-48.38	-42.66	-23.58	-11.41	-26.88	-33.3	-40.54	-76.41	-109.84	-108.69
East Cost		7095.66	7538.88	8904.94	7797.85	9044.24	8908.56	9489.78	16256.3	26125.7	28949	30155.7	30255.5	30453.3	29111.3	29114	28653.1	25526.1	27111.2	29000.1	27964.6	26735	20154.5	15351.8	14183

EAST COAST GRID OPERATION



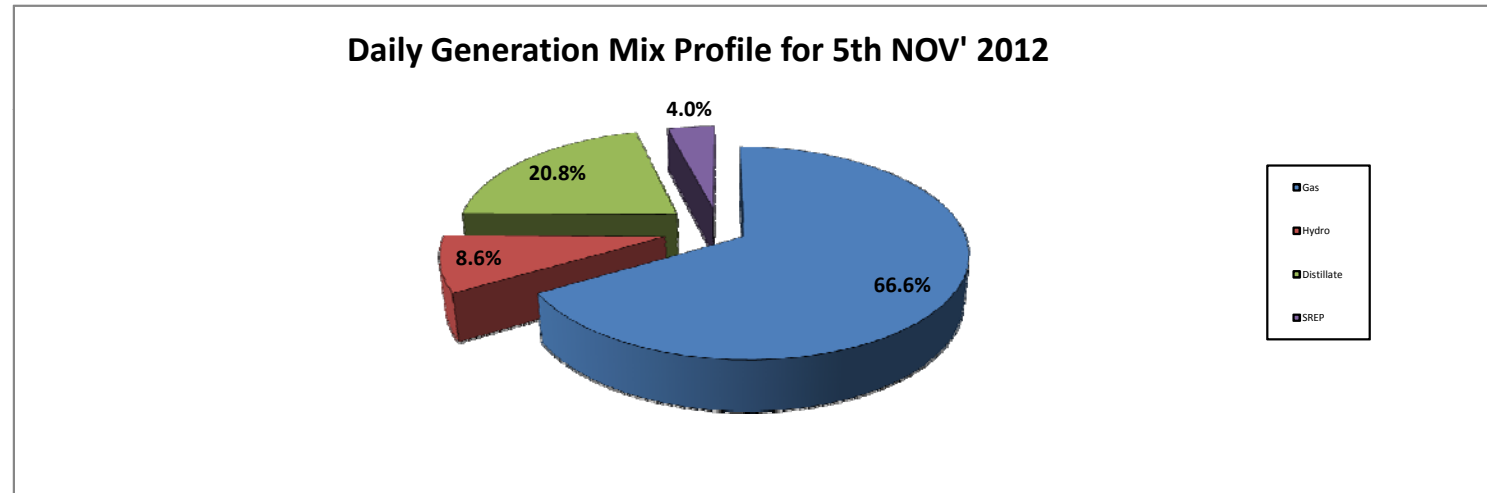
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		623	601	579	579	579	579	579	623	677	697	697	697	697	697	697	697	692.5	692.5	681.5	670.5	631.5	631.5	623	601
DEMAND		477.1	457	427.5	424.5	429.3	448.7	430.1	496	554.5	584.4	597.2	597.9	572.4	620.7	619.6	611.3	576.8	553	573.5	557.1	528.6	533.3	521.3	494.2
OPERATING RESERVE		145.9	144	151.5	154.5	149.7	130.3	148.9	127	122.5	112.6	99.8	99.1	124.6	76.3	77.4	85.7	115.7	139.5	108	113.4	102.9	98.2	101.7	106.8
West Cost		35595.1	35637.4	35088.4	34746.9	35087.5	36489.8	35139.7	37999.9	44512.9	46886.5	48104.8	47758.4	46059.4	49832.4	49758.8	49110.4	46014.9	43715.7	45715.8	44094.9	40069.8	40530.7	38849.1	38480.7

WEST COAST GRID OPERATION



Generation Mix Profile for 5th November 2012

Gas	10,578 MWh
Hydro	1,362 MWh
Distillate	3,304 MWh
SREP	636 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,721.00 MWh	1,725.10 MWh	1,288.00 MWh	- MWh
IPP	1,583.00 MWh	8,852.40 MWh	73.50 MWh	- MWh
SREP	- MWh	- MWh	- MWh	635.60 MWh
TOTAL	3,304.00 MWh	10,577.50 MWh	1,361.50 MWh	635.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	8%	0%
IPP	10%	56%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,878.60			

DIST (IPP)	10%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	56%
HYDRO (SESB)	8%
HYDRO (IPP)	0%
total	100%

