

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (28th NOV' 2012)	800 MW	794 MW	-0.72%
Maximum Energy (28th NOV' 2012)	15.6 MW	15.6 GWh	0.00%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

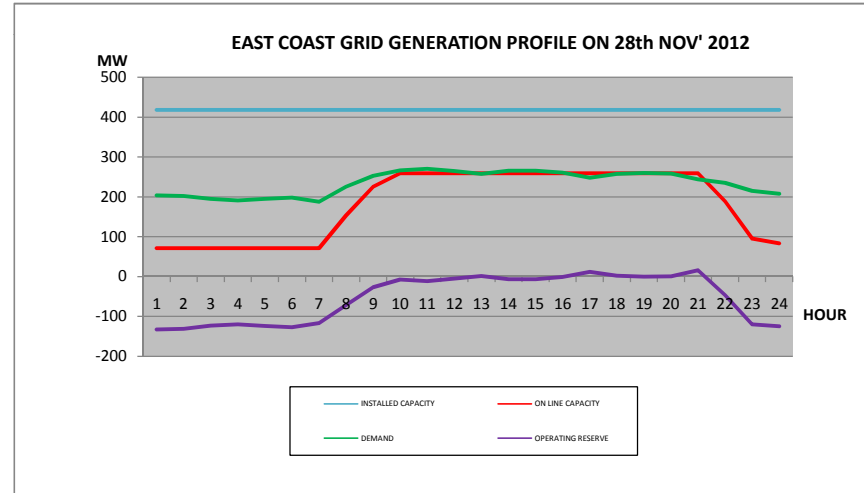
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

29-Nov-12

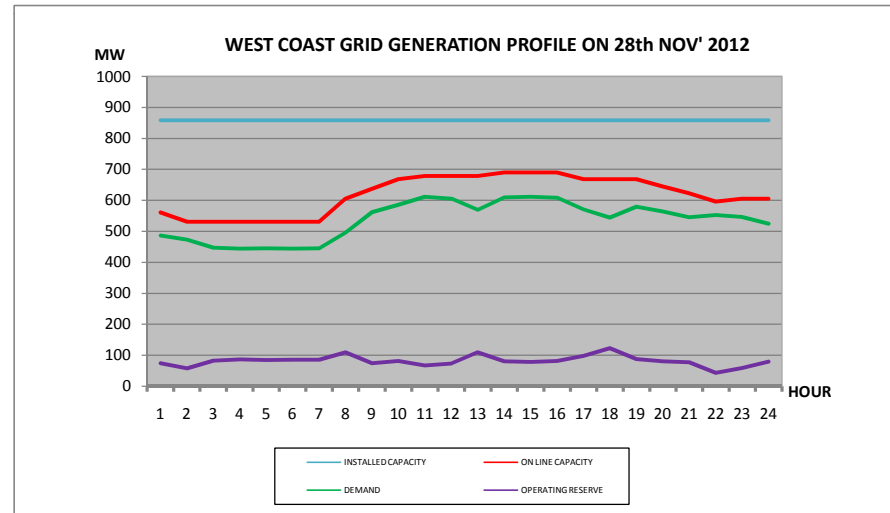
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		71	71	71	71	71	71	71	153	225.3	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	188	95	83
DEMAND		203.64	202.3	194.44	190.81	195.16	197.97	187.57	225.02	252.63	266.51	270.3	264.41	257.72	265.88	265.57	260.48	247.61	257.32	259.48	258.33	243.46	235.33	215.15	207.44
OPERATING RESERVE		-132.64	-131.3	-123.44	-119.81	-124.16	-126.97	-116.57	-72.02	-27.33	-7.71	-11.5	-5.61	1.08	-7.08	-6.77	-1.68	11.19	1.48	-0.68	0.47	15.34	-47.33	-120.15	-124.44
East Cost		8967.46	9280.24	9246.53	8592.91	8888.54	9018.13	8998.52	16150.2	22532	27197	27623.5	26739.8	28526.6	28161.9	27929.8	28016.4	26468.8	28704.2	28359	27915.5	26885.7	18685.8	11465	10128.6

EAST COAST GRID OPERATION



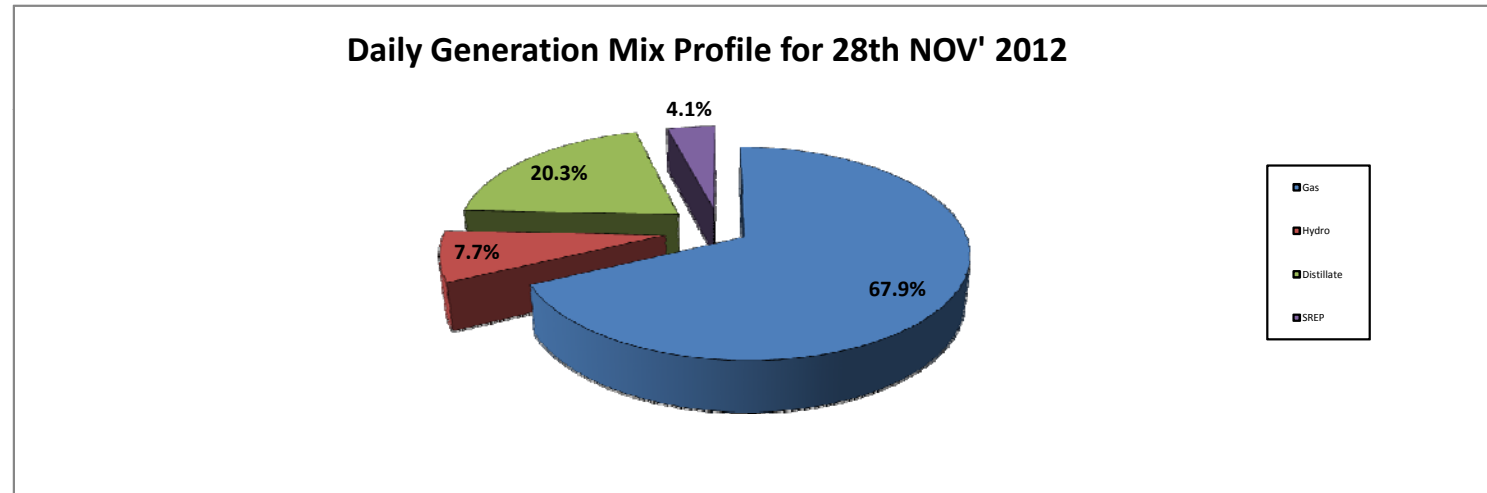
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		560.5	530.5	530.5	530.5	530.5	530.5	530.5	604.5	636.5	667.5	678.5	678.5	678.5	689.5	689.5	689.5	667.5	667.5	667.5	644.5	622.5	595.5	604.5	604.5
DEMAND		486.5	472.8	447.5	444.1	445.5	444.6	445	495.3	561.9	585.7	611.4	605.7	568.7	609.2	611.5	607.9	569.7	544.7	579.3	563.6	545.4	552.1	546.1	525
OPERATING RESERVE		74	57.7	83	86.4	85	85.9	85.5	109.2	74.6	81.8	67.1	72.8	109.8	80.3	78	81.6	97.8	122.8	88.2	80.9	77.1	43.4	58.4	79.5
West Cost		37973.2	35810.9	34495.2	34538.6	34666.5	34572.7	34270	37454.1	42914.4	45577.2	47866.4	47339.7	45117.8	47923.1	48128.6	48057.7	44594	42952.9	44976.3	43405.2	43648.9	41558.1	39629.1	37939

WEST COAST GRID OPERATION



Generation Mix Profile for 28th November 2012

Gas	10,879 MWh
Hydro	1,234 MWh
Distillate	3,244 MWh
SREP	656 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,382.10 MWh	1,730.80 MWh	1,145.00 MWh	- MWh
IPP	1,862.00 MWh	9,148.50 MWh	88.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	655.70 MWh
TOTAL	3,244.10 MWh	10,879.30 MWh	1,233.60 MWh	655.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	11%	7%	0%
IPP	12%	57%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,012.70			

DIST (IPP)	12%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	57%
HYDRO (SESB)	7%
HYDRO (IPP)	1%
total	100%

