

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (24th NOV' 2012)	735 MW	745 MW	1.33%
Maximum Energy (24th NOV' 2012)	14.9 MW	14.7 GWh	-1.34%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

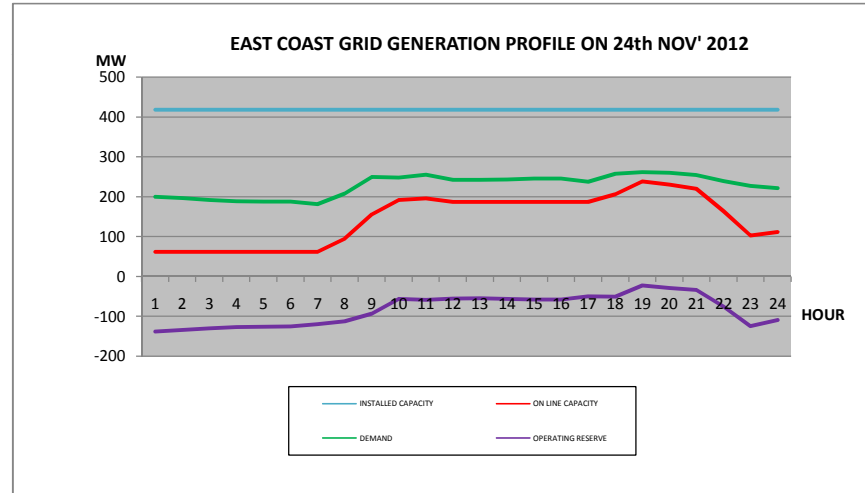
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

29-Nov-12

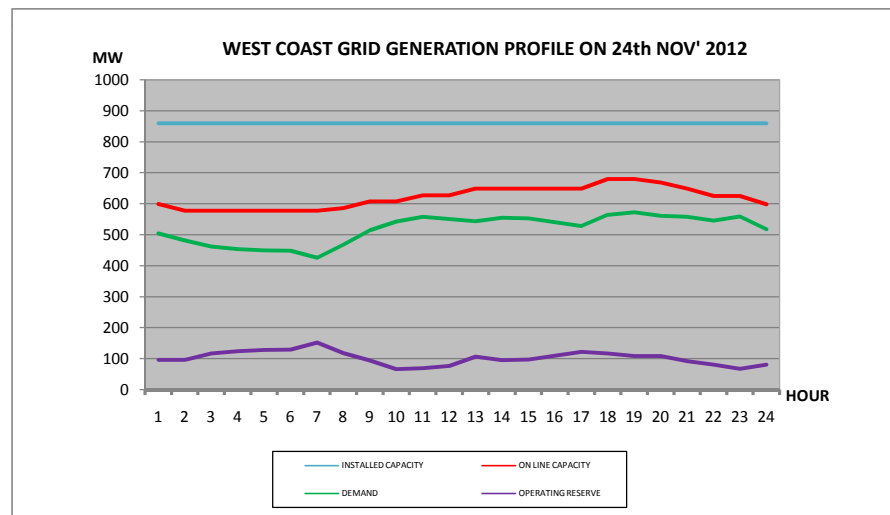
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		62	62	62	62	62	62	62	95	156	192	196	187	187	187	187	187	187	206.8	238.8	230.8	220.3	164	103	112
DEMAND		200.05	196.29	192	188.8	187.81	187.62	181.29	207.51	249.41	248.05	255	242.21	242.04	243.38	245.29	245.08	237.17	257.3	261.51	259.91	254.32	239.25	227.33	221.1
OPERATING RESERVE		-138.05	-134.29	-130	-126.8	-125.81	-125.62	-119.29	-112.51	-93.41	-56.05	-59	-55.21	-55.04	-56.38	-58.29	-58.08	-50.17	-50.5	-22.71	-29.11	-34.02	-75.25	-124.33	-109.1
East Cost		8868.11	8958.12	8656.89	8702.19	8657.71	8560.8	8723.55	11204.6	17219	20745.3	21792.4	20646.1	20512.3	20645.4	20688.2	20633.9	20624.8	24077.7	26656.7	25249	23688.7	18594.4	12856.5	13642.9

EAST COAST GRID OPERATION



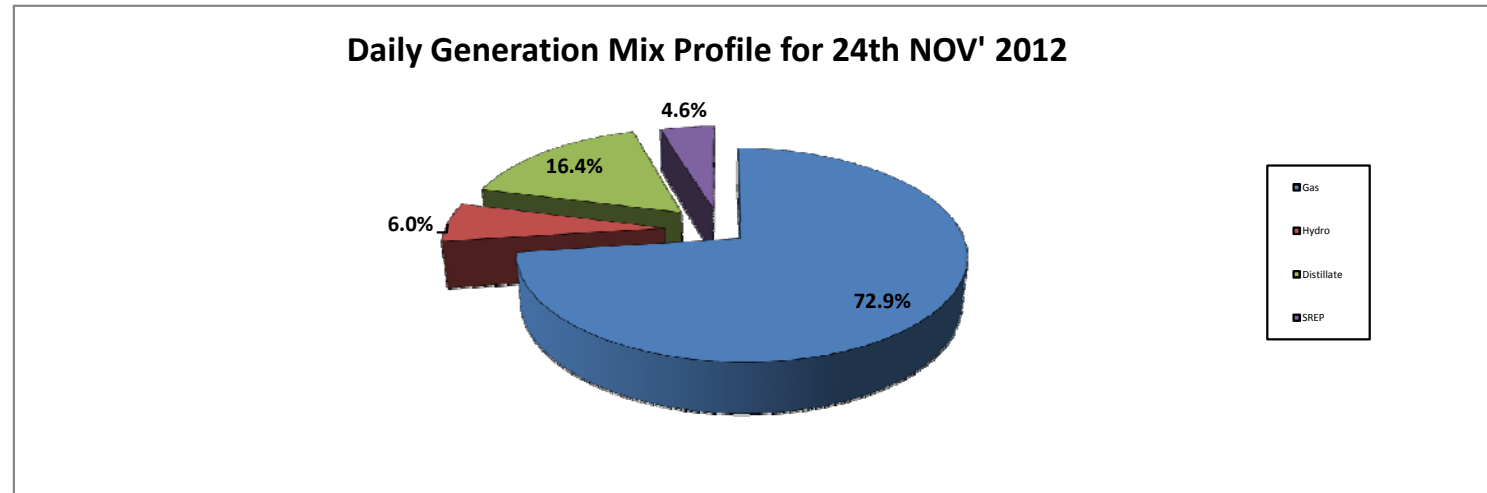
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	577	577	577	577	577	577	585.5	607.5	607.5	626.5	626.5	648.5	648.5	648.5	648.5	648.5	679.5	679.5	668.5	648.5	625	625	597.5
DEMAND		503.3	481.4	461.1	453.7	449.4	448.5	425.6	468.1	513.7	542	557.5	550.3	542.5	554	552.4	539.3	527.4	563.4	571.6	560.7	557.1	544.7	558.1	517.3
OPERATING RESERVE		95.7	95.6	115.9	123.3	127.6	128.5	151.4	117.4	93.8	65.5	69	76.2	106	94.5	96.1	109.2	121.1	116.1	107.9	107.8	91.4	80.3	66.9	80.2
West Cost		40549.3	40067	38639.5	38044	37715.8	37587.2	35925.2	39416.8	41704.6	43561.2	45992.4	45569.2	43920.6	44862.7	44472	43564.1	42874.4	46713.2	47125.6	45924.4	45088.8	42884.5	43478.1	39518

WEST COAST GRID OPERATION



Generation Mix Profile for 24th November 2012

Gas	11,014 MWh
Hydro	910 MWh
Distillate	2,480 MWh
SREP	695 MWh

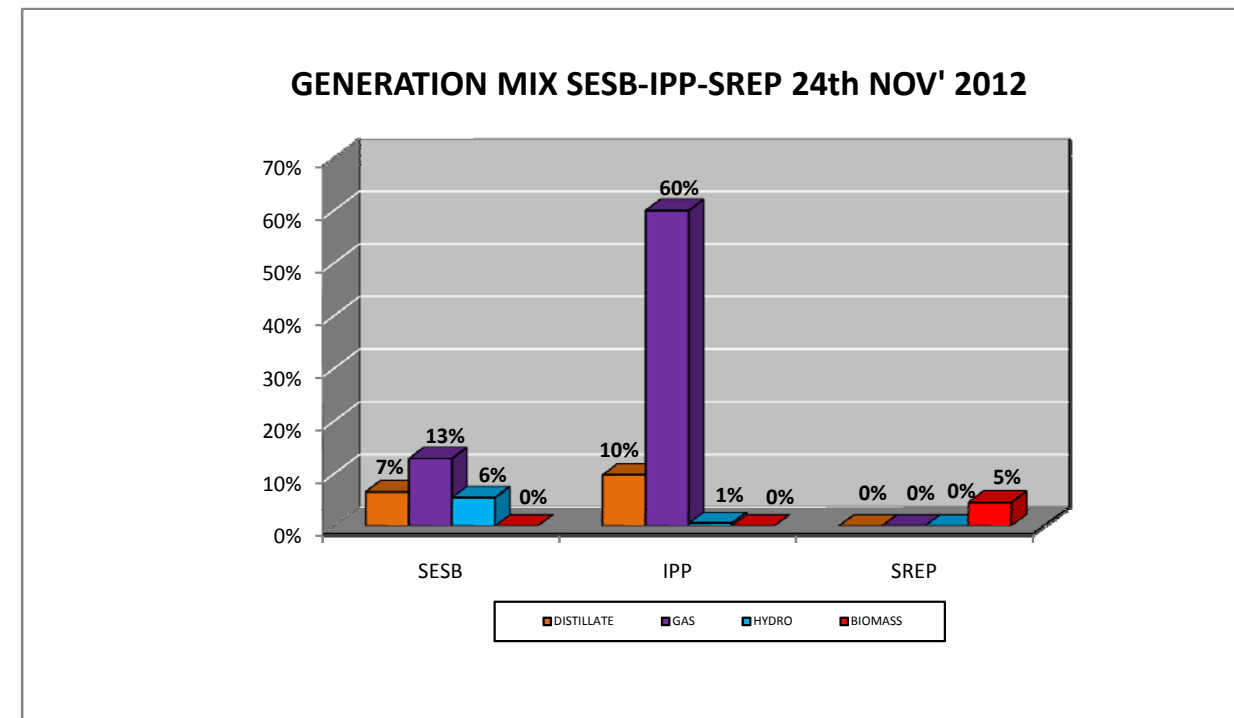


	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,002.20 MWh	1,951.50 MWh	831.00 MWh	- MWh
IPP	1,477.90 MWh	9,062.40 MWh	79.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	694.70 MWh
TOTAL	2,480.10 MWh	11,013.90 MWh	910.10 MWh	694.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	13%	6%	0%
IPP	10%	60%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%

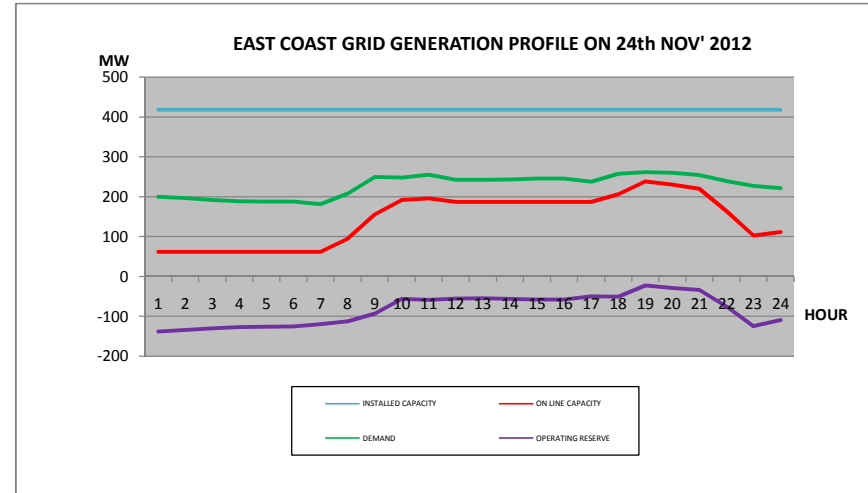
TOTALLY 15,098.80

DIST (IPP)	10%
DIST (SESB)	7%
SREP	5%
GAS (SESB)	13%
GAS (IPP)	60%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%



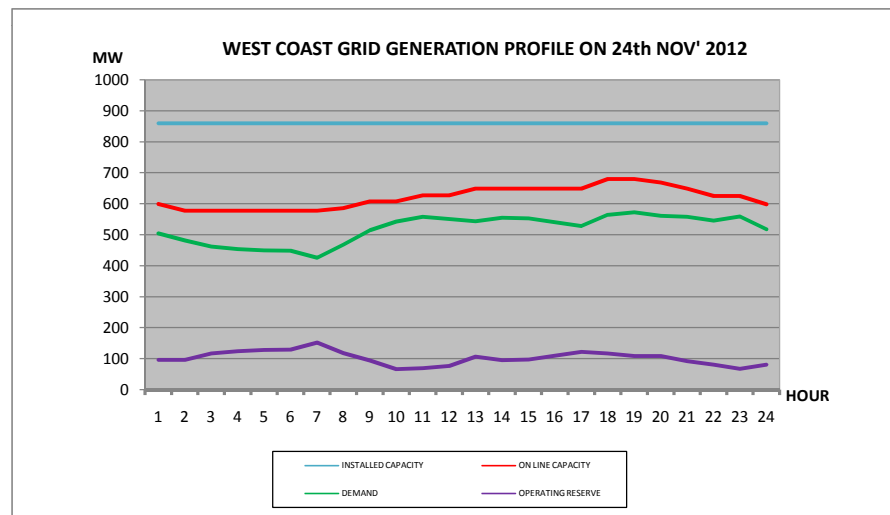
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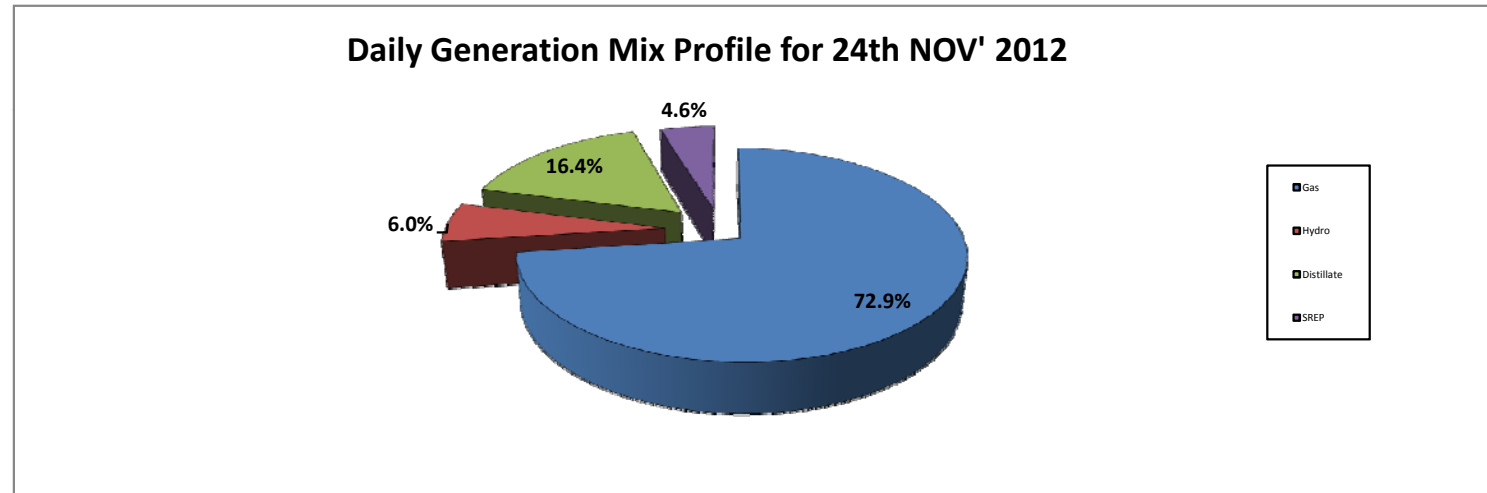
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