

**GRID SYSTEM OPERATION SUMMARY (SABAH)**

	<b>FORECAST</b>	<b>ACTUAL</b>	<b>VARIANCE</b>
<b>Maximum Demand (28th OCT' 2012)</b>	695 MW	697 MW	0.26%
<b>Maximum Energy (28th OCT' 2012)</b>	13.7 MW	14.4 GWh	4.96%
<b>Maximum Demand (record high 28/06/11)</b>	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

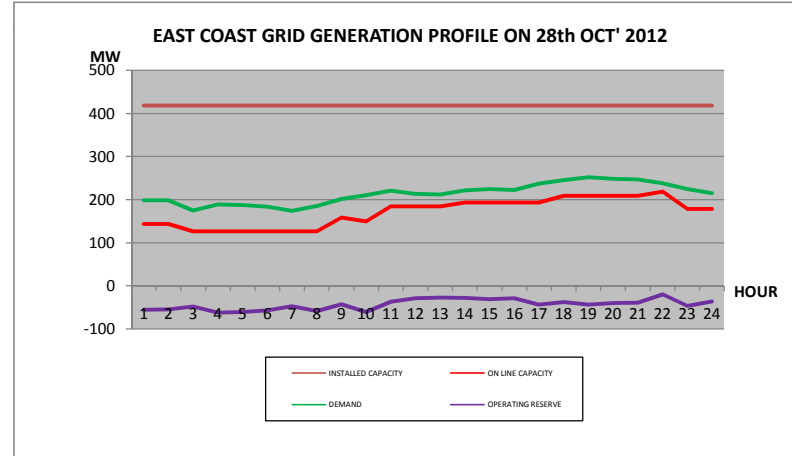
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

31-Oct-12

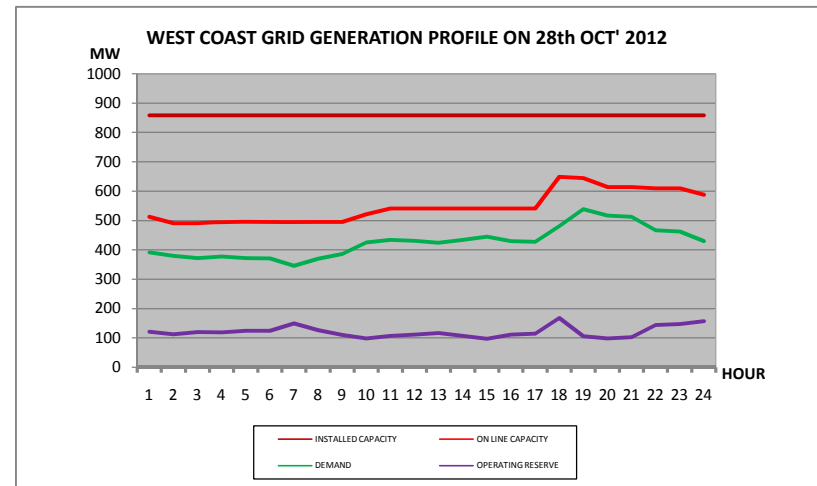
EAST COAST GRID																									
<b>INSTALLED CAPACITY</b>		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
<b>ON LINE CAPACITY</b>		143.5	143.5	126.5	126.5	126.5	126.5	126.5	126.5	158.5	149.5	184.5	184.5	184.5	193.5	193.5	193.5	193.5	208.5	208.5	208.5	208.5	218.5	178.5	178.5
<b>DEMAND</b>		198.58	198.03	174.34	188.5	186.9	183.57	173.75	184.62	201.17	210.27	221.08	213.25	211.79	221.6	224.39	222.32	237.24	245.71	252.12	248.04	247.18	238.26	224.86	214.84
<b>OPERATING RESERVE</b>		-55.08	-54.53	-47.84	-62	-60.4	-57.07	-47.25	-58.12	-42.67	-60.77	-36.58	-28.75	-27.29	-28.1	-30.89	-28.82	-43.74	-37.21	-43.62	-39.54	-38.68	-19.76	-46.36	-36.34
East Cost		17765.9	17540	14627.5	14481	14584	14612.9	15056.3	15110.3	18202.4	18590.3	21146.1	20615	20985.3	22213.2	21665.1	21692.7	24359.9	23409.6	22636.4	23531	23320.5	25443.9	20487.9	20222.3

EAST COAST GRID OPERATION



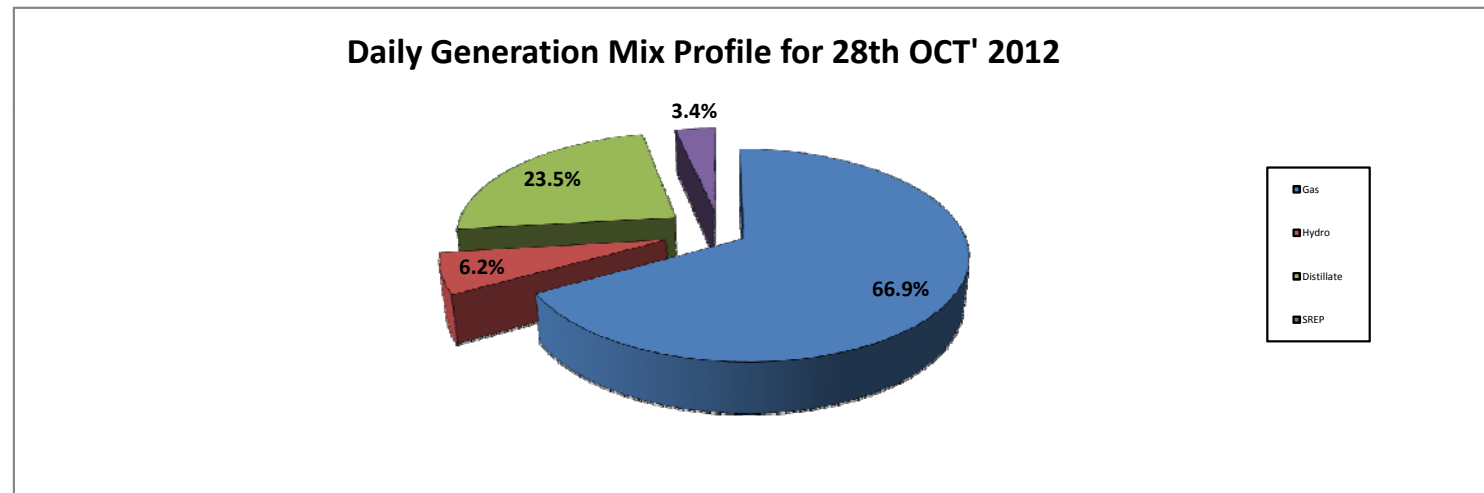
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
<b>INSTALLED CAPACITY</b>		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
<b>ON LINE CAPACITY</b>		513	491	491	495.5	495.5	495.5	495.5	495.5	495.5	522	541	541	541	541	541	541	541	649	644.5	614.5	614.5	610	610	588
<b>DEMAND</b>		392.2	379.6	371.9	377.4	372.1	371.5	345.9	369.7	386.4	425.1	434.7	430.6	424.8	434.4	444.7	429.9	427.5	480.9	539	516.8	513	466.6	463	430.4
<b>OPERATING RESERVE</b>		120.8	111.4	119.1	118.1	123.4	124	149.6	125.8	109.1	96.9	106.3	110.4	116.2	106.6	96.3	111.1	113.5	168.1	105.5	97.7	101.5	143.4	147	157.6
West Cost		31677.3	32042	31599.2	31440.3	30880.6	30892.5	27838.5	30694.2	31739.9	34314.1	36213.7	35632.9	35282.2	36073.3	36766.6	35611.3	35149.8	40280.7	44493.7	41497.1	41133.8	37490.8	37300.6	36194.5

WEST COAST GRID OPERATION



**Generation Mix Profile for 28th October 2012**

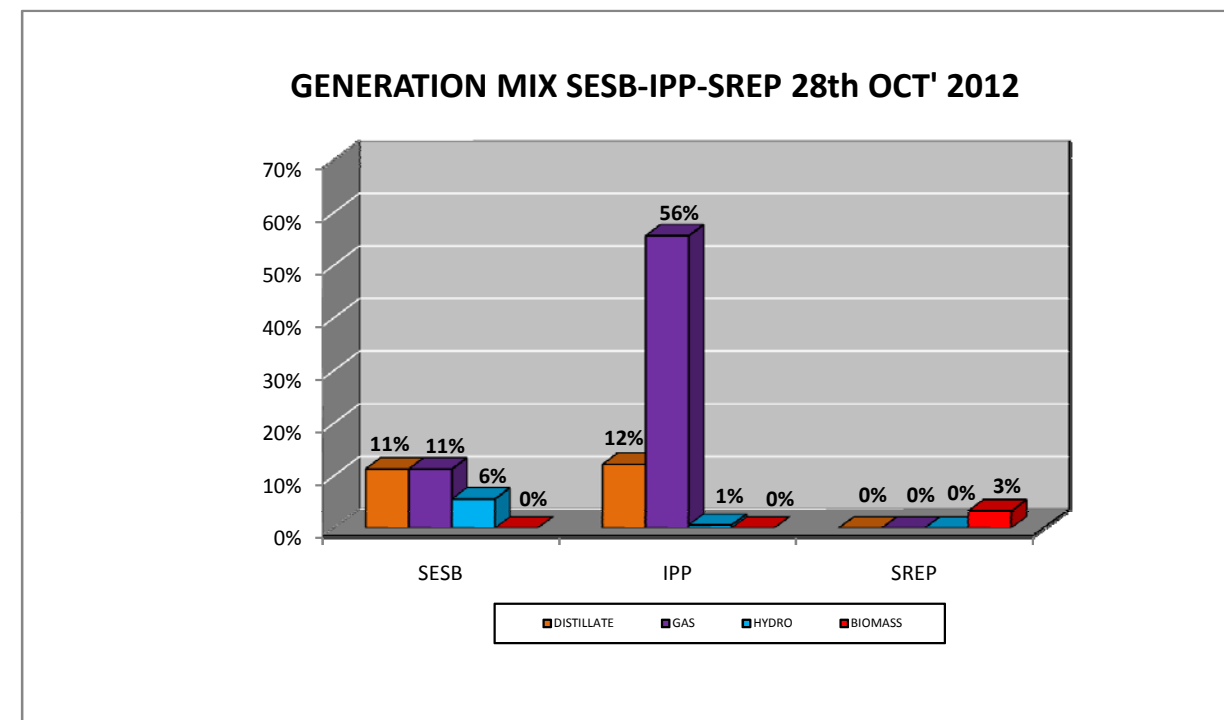
Gas	9,043 MWh
Hydro	839 MWh
Distillate	3,180 MWh
SREP	453 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,531.95 MWh	1,529.50 MWh	762.00 MWh	- MWh
IPP	1,648.40 MWh	7,513.70 MWh	76.70 MWh	- MWh
SREP	- MWh	- MWh	- MWh	453.10 MWh
<b>TOTAL</b>	<b>3,180.35 MWh</b>	<b>9,043.20 MWh</b>	<b>838.70 MWh</b>	<b>453.10 MWh</b>

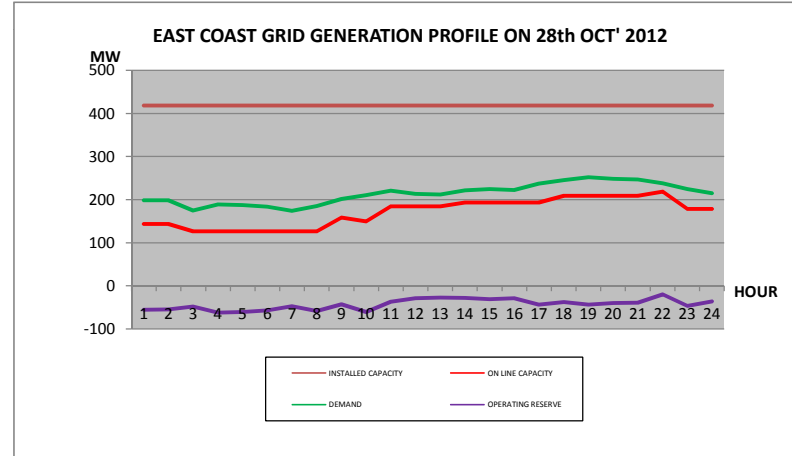
	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	6%	0%
IPP	12%	56%	1%	0%
SREP	0%	0%	0%	3%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>TOTALLY</b>	13,515.35			

DIST (IPP)	12%
DIST (SESB)	11%
SREP	3%
GAS (SESB)	11%
GAS (IPP)	56%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%



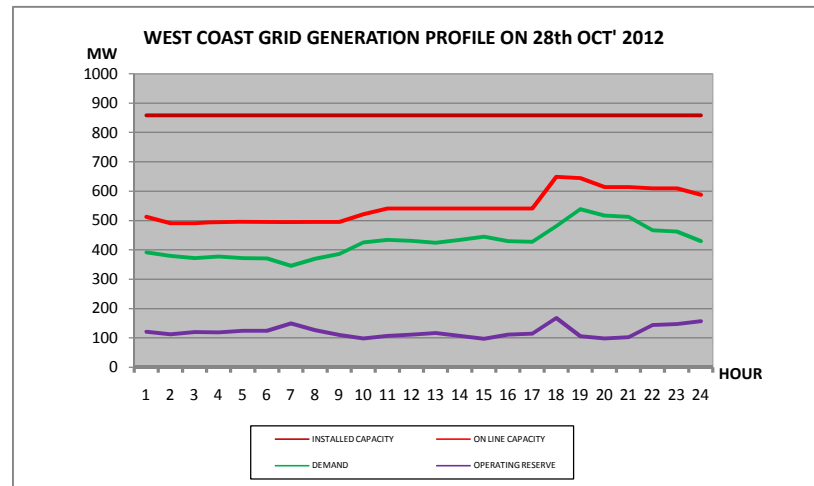
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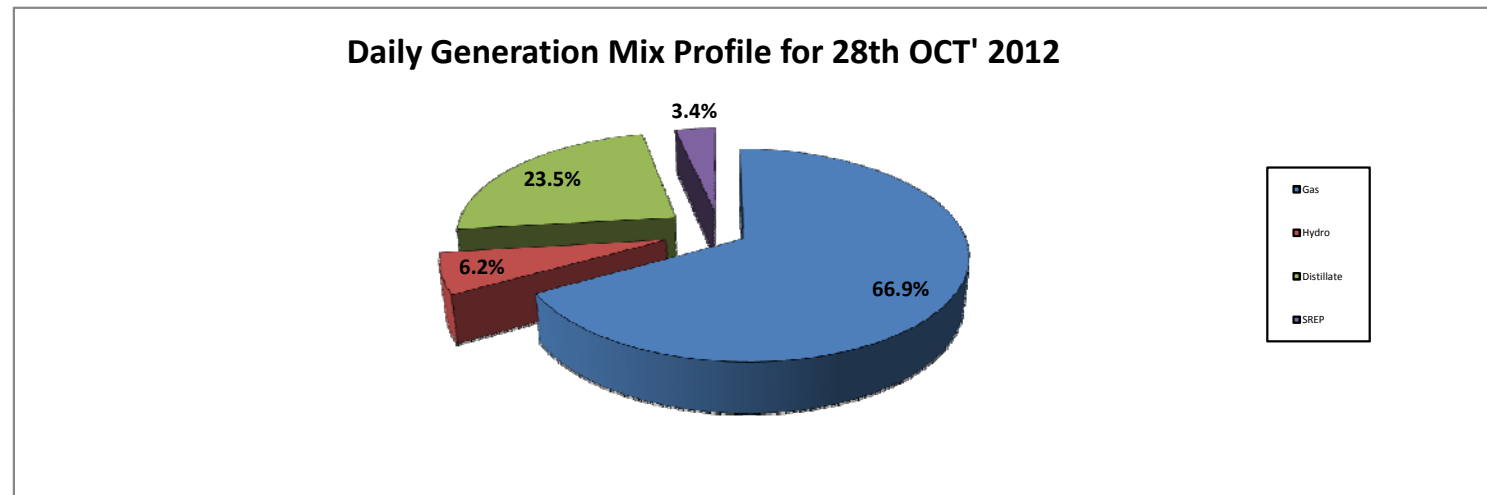
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