

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (25th NOV' 2012)	710 MW	693 MW	-2.39%
Maximum Energy (25th NOV' 2012)	14.0 MW	13.7 GWh	-2.14%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

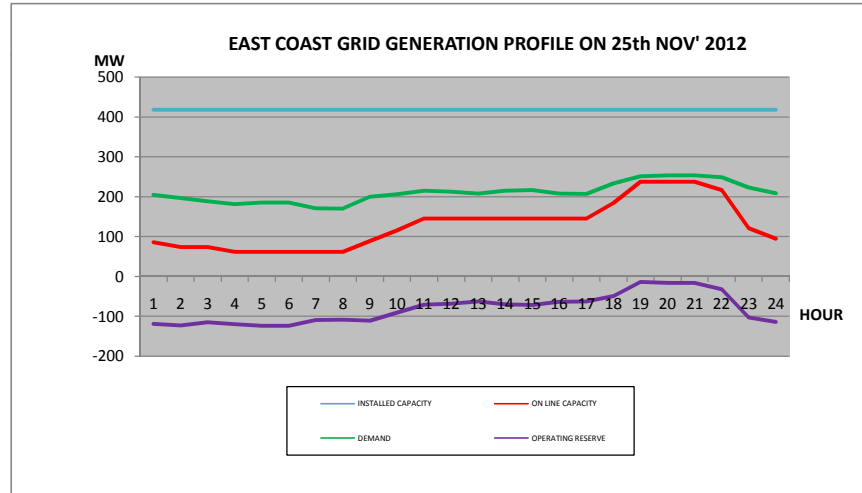
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

29-Nov-12

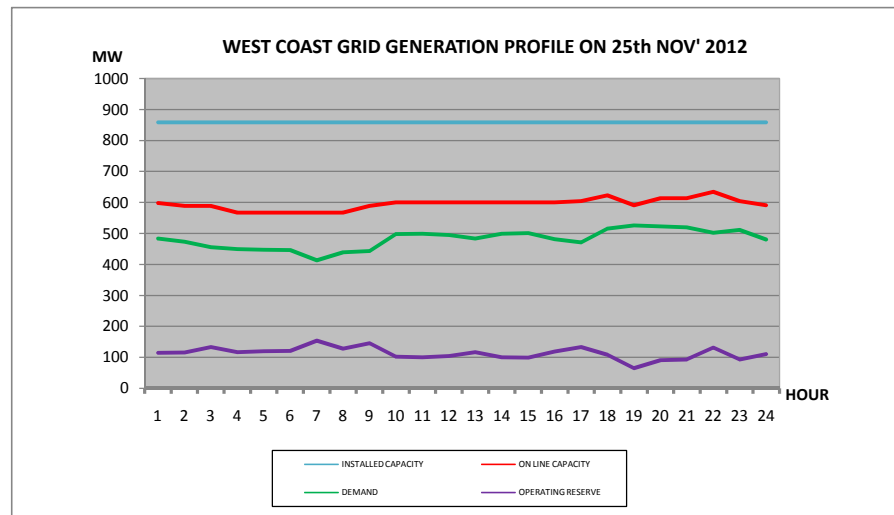
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		86	74	74	62	62	62	62	62	89	116	145	145	145	145	145	145	145	185	237.5	237.5	237.5	216.5	121	95
DEMAND		205.31	197	188.95	182.1	185.73	185.77	171.24	170.54	199.99	206.91	215.77	213.2	208.01	215.13	216.89	208.27	207.74	233.8	251.34	253.81	253.93	248.88	223.58	209.11
OPERATING RESERVE		-119.31	-123	-114.95	-120.1	-123.73	-123.77	-109.24	-108.54	-110.99	-90.91	-70.77	-68.2	-63.01	-70.13	-71.89	-63.27	-62.74	-48.8	-13.84	-16.31	-16.43	-32.38	-102.58	-114.11
East Cost		11711.3	10101.6	10158.6	8912.82	8804.14	8848.25	8908.38	8794.07	11518.7	12733.3	15440.4	15557.1	15497.1	15633.2	15294.5	15101.4	15938.2	19588.8	25956.1	26323.1	26137.7	25036.1	14830.3	12138.2

EAST COAST GRID OPERATION



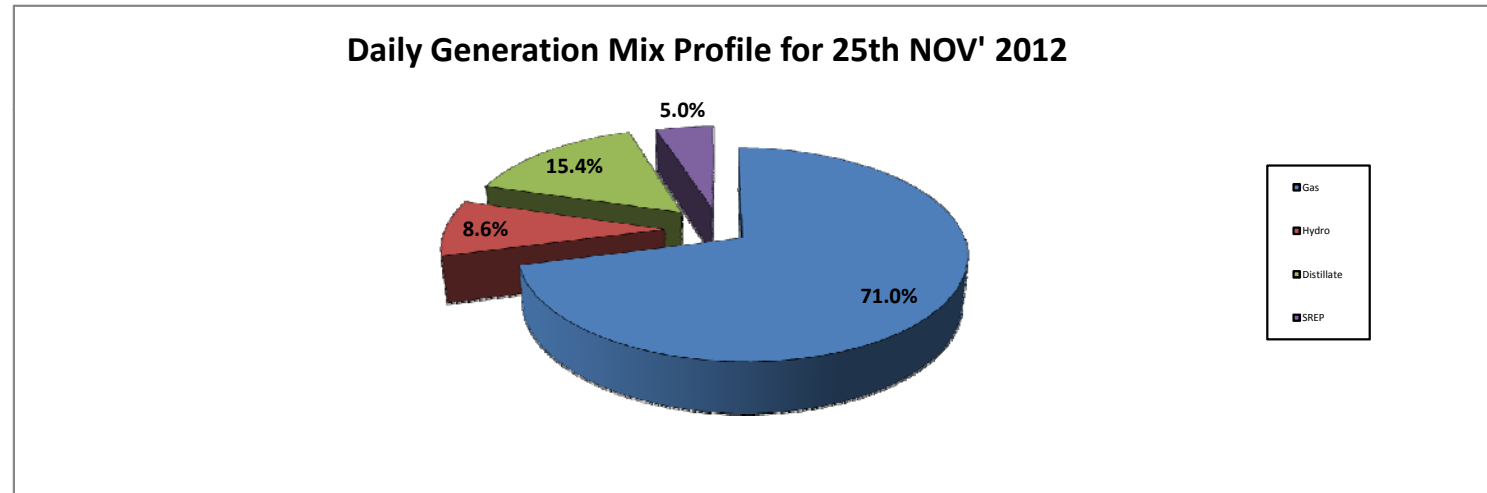
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		597.5	589	589	567	567	567	567	567	589	599.5	599.5	599.5	599.5	599.5	599.5	599.5	604	623	591	613	613	634	604	591
DEMAND		482.8	472.6	455.2	449.5	446.8	446.1	413	438.4	442.8	497.37	498.6	494.6	482.7	498.9	500.3	480.7	470.3	514.6	525.4	521.8	519.7	502.1	510.9	480.3
OPERATING RESERVE		114.7	116.4	133.8	117.5	120.2	120.9	154	128.6	146.2	102.13	100.9	104.9	116.8	100.6	99.2	118.8	133.7	108.4	65.6	91.2	93.3	131.9	93.1	110.7
West Cost		36918	36119.2	34652.2	35512.5	35380.1	35299	33336	35085.1	34265.5	38644	38555	38301.8	37458.3	38580.2	38635.6	37139.6	37437.9	41261.1	41159.1	41654.9	41443.3	40876.5	39669.8	37038

WEST COAST GRID OPERATION



Generation Mix Profile for 25th November 2012

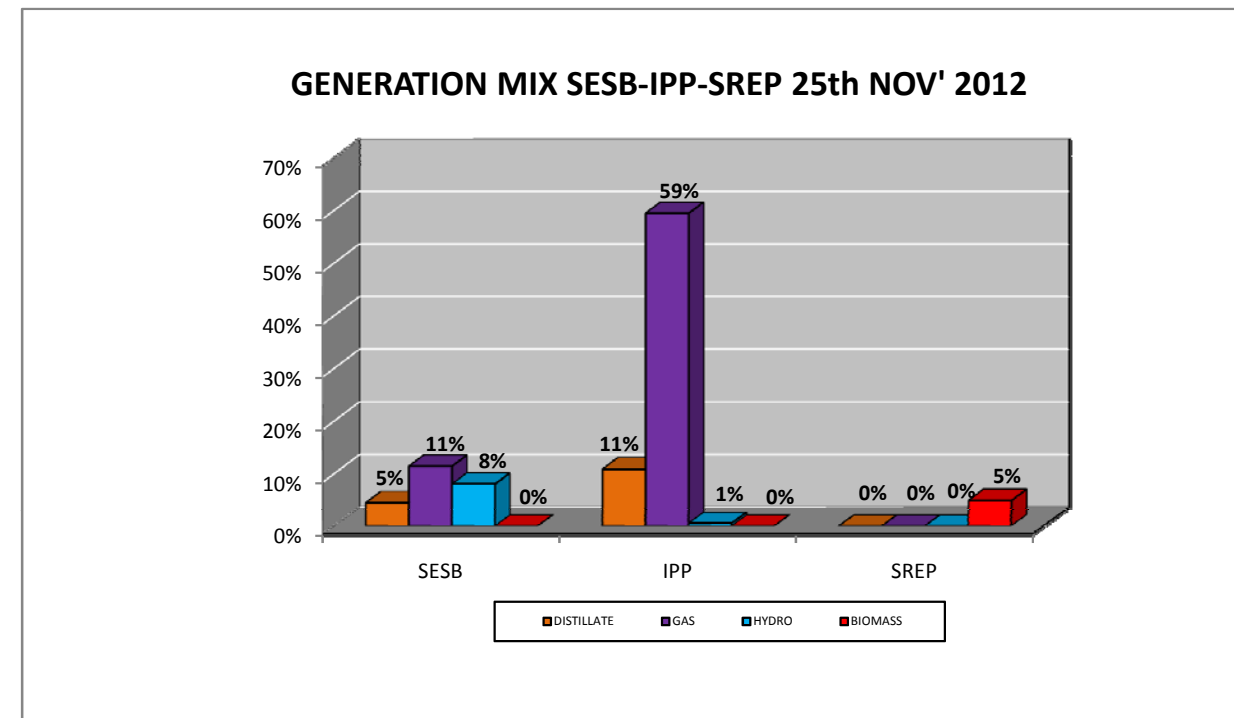
Gas	9,913 MWh
Hydro	1,206 MWh
Distillate	2,159 MWh
SREP	694 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	632.70 MWh	1,601.40 MWh	1,131.00 MWh	- MWh
IPP	1,525.90 MWh	8,311.67 MWh	74.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	694.40 MWh
TOTAL	2,158.60 MWh	9,913.07 MWh	1,205.60 MWh	694.40 MWh

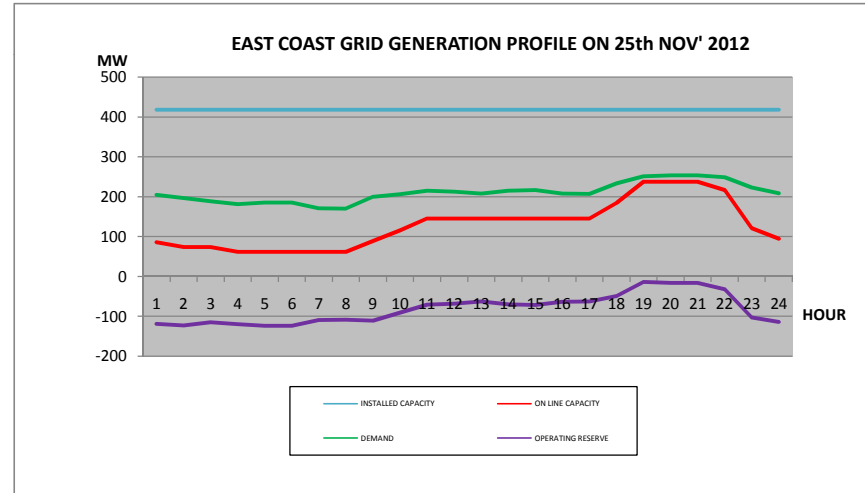
	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	11%	8%	0%
IPP	11%	59%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	13,971.67			

DIST (IPP)	11%
DIST (SESB)	5%
SREP	5%
GAS (SESB)	11%
GAS (IPP)	59%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%



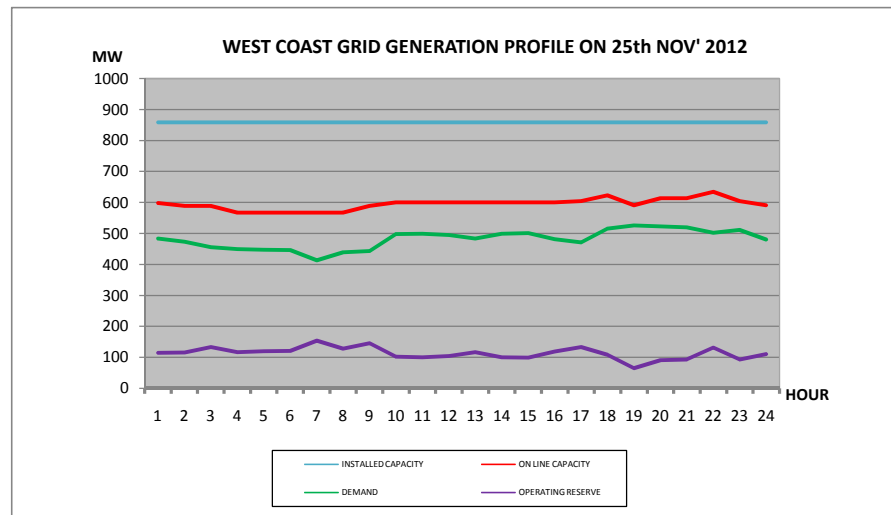
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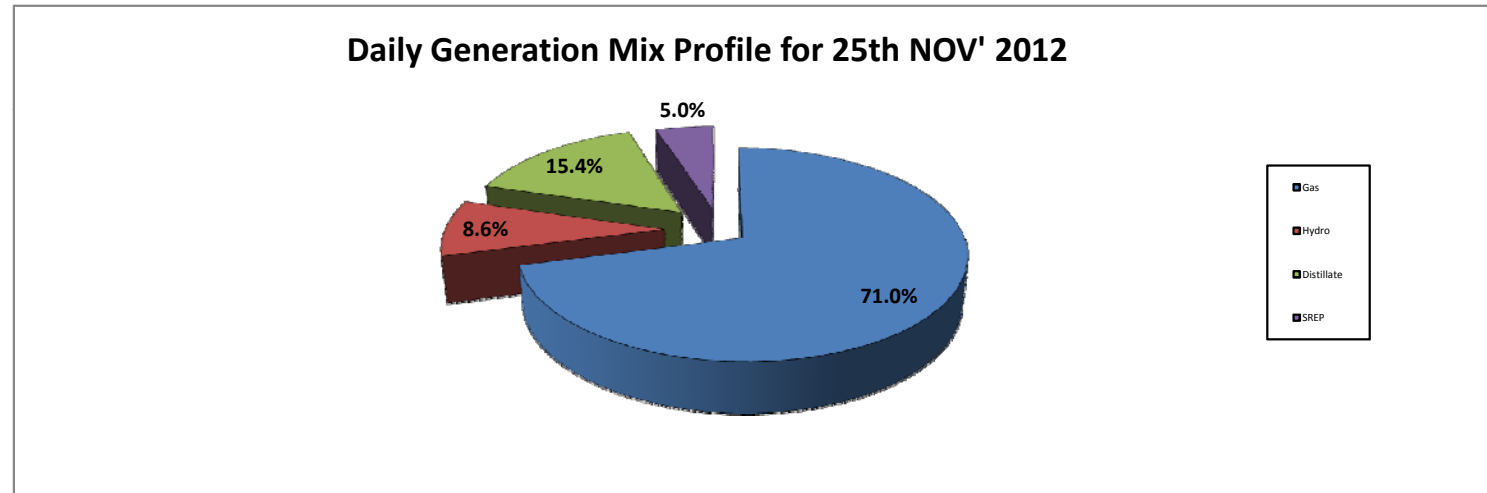
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