

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (16th NOV' 2012)	790 MW	742 MW	-6.10%
Maximum Energy (16th NOV' 2012)	15.9 MW	14.6 GWh	-8.18%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

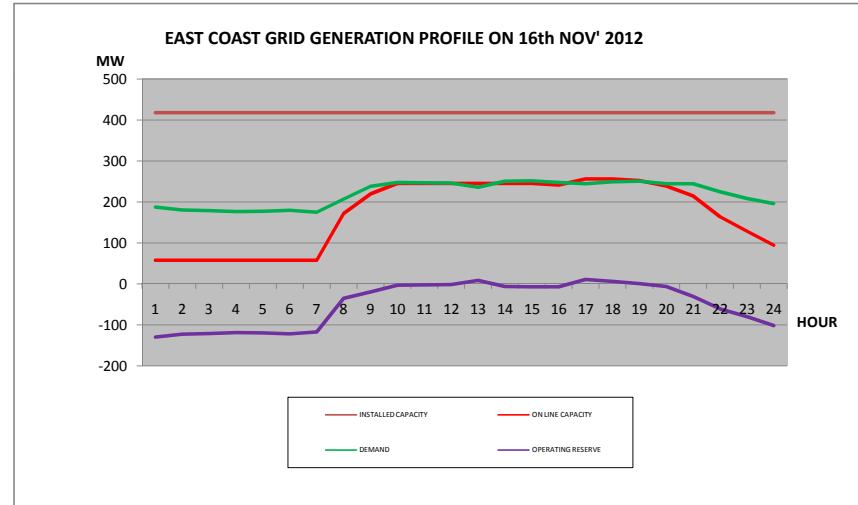
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

20-Nov-12

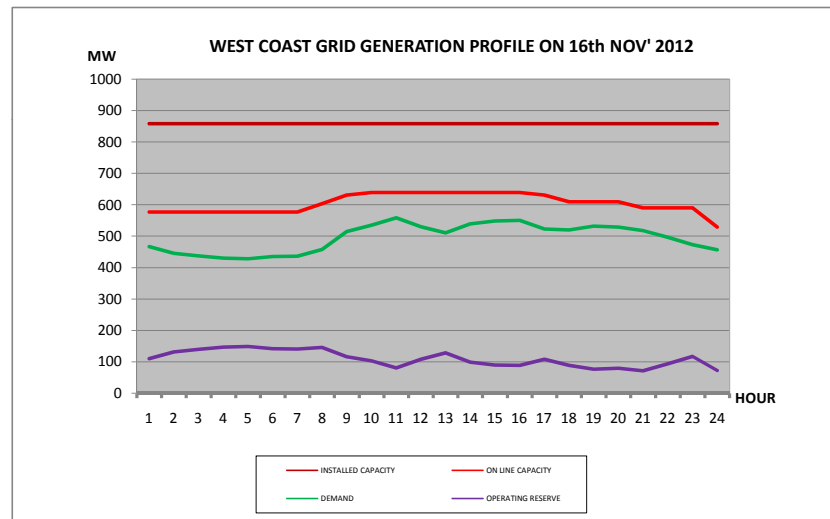
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		58	58	58	58	58	58	58	172	219.5	245.3	245.3	245.3	245.3	245.3	241.3	256.3	256.3	252.3	239	215	164	129	95	
DEMAND		187.43	180.19	178.88	176.35	177.41	179.62	174.87	207.01	238.32	248.3	247.12	246.58	236.54	250.84	251.87	248.06	245.02	249.71	251.42	244.72	245.09	224.9	208.52	196.05
OPERATING RESERVE		-129.43	-122.19	-120.88	-118.35	-119.41	-121.62	-116.87	-35.01	-18.82	-3	-1.82	-1.28	8.76	-5.54	-6.57	-6.76	11.28	6.59	0.88	-5.72	-30.09	-60.9	-79.52	-101.05
East Cost		8731.62	8488.53	8596.53	8423.96	8415.21	8480.83	8532.9	18139.9	23623.8	28140	27960.9	28359.2	28181.3	28553.6	28617.6	27420.7	26870.5	28366.2	27556	24523	22829.9	18011.3	15361.4	11791.6

EAST COAST GRID OPERATION



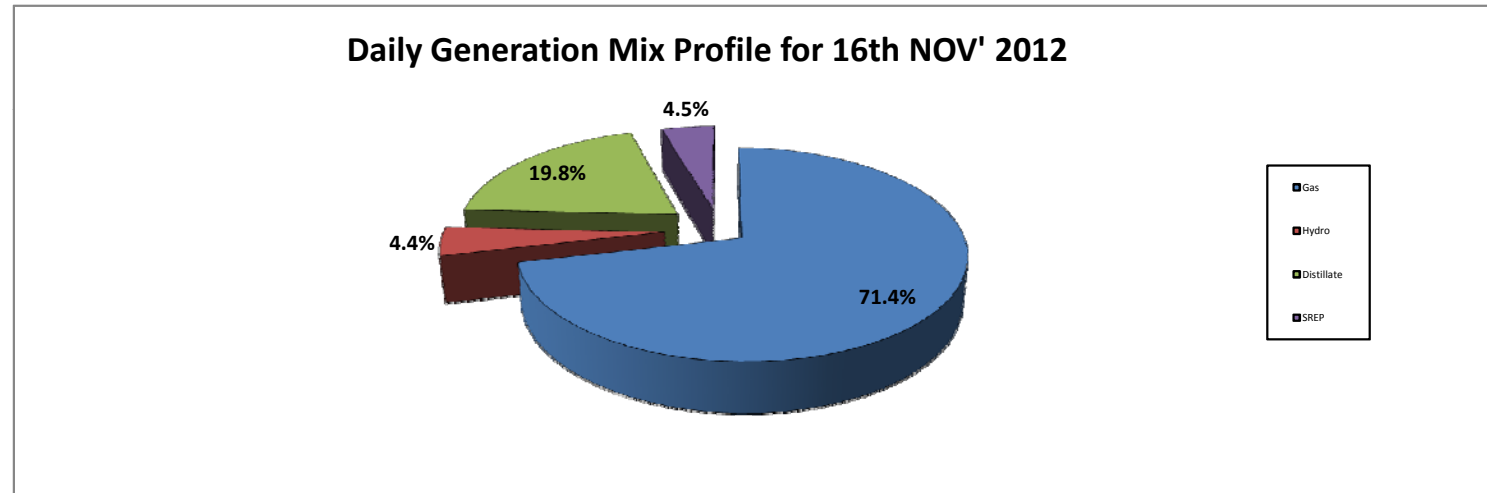
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		577	577	577	577	577	577	577	603.5	631	639	639	639	639	639	631	609	609	609	609	590	590	590	590	529
DEMAND		466.9	445.3	437	430.5	428.2	435	435.9	457.5	514.6	535.6	558.7	530.5	510.8	539.7	548.7	550.5	523.2	519.8	532.3	529.6	518.4	496.2	472.9	456.6
OPERATING RESERVE		110.1	131.7	140	146.5	148.8	142	141.1	146	116.4	103.4	80.3	108.5	128.2	99.3	90.3	88.5	107.8	89.2	76.7	79.4	71.6	93.8	117.1	72.4
West Cost		38075.5	36859.5	36315.3	35711.8	35955.6	36499.2	36543	37576.3	42691.6	44916.3	45928.1	44478.9	43545.8	45097.7	45388.6	45604.3	43137.2	44244.2	44787.8	44596	42843.2	41165.7	40073.6	37480.1

WEST COAST GRID OPERATION



Generation Mix Profile for 16th November 2012

Gas	10,709 MWh
Hydro	653 MWh
Distillate	2,962 MWh
SREP	674 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,338.00 MWh	1,388.60 MWh	546.00 MWh	- MWh
IPP	1,624.30 MWh	9,320.00 MWh	107.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	674.10 MWh
TOTAL	2,962.30 MWh	10,708.60 MWh	653.00 MWh	674.10 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	9%	4%	0%
IPP	11%	62%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%

TOTALLY 14,998.00

DIST (IPP)	11%
DIST (SESB)	9%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	62%
HYDRO (SESB)	4%
HYDRO (IPP)	1%
total	100%

