

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th MAY' 2013)	860 MW	810 MW	-5.79%
Maximum Energy (20th MAY' 2013)	17.6 MW	15.9 GWh	-9.66%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

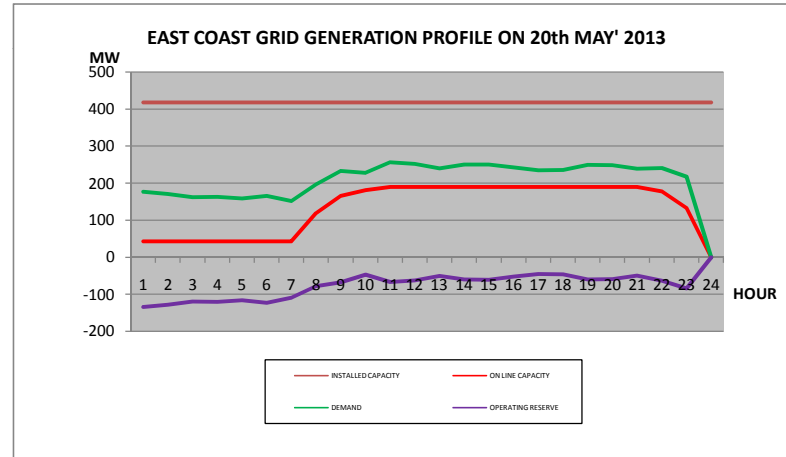
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

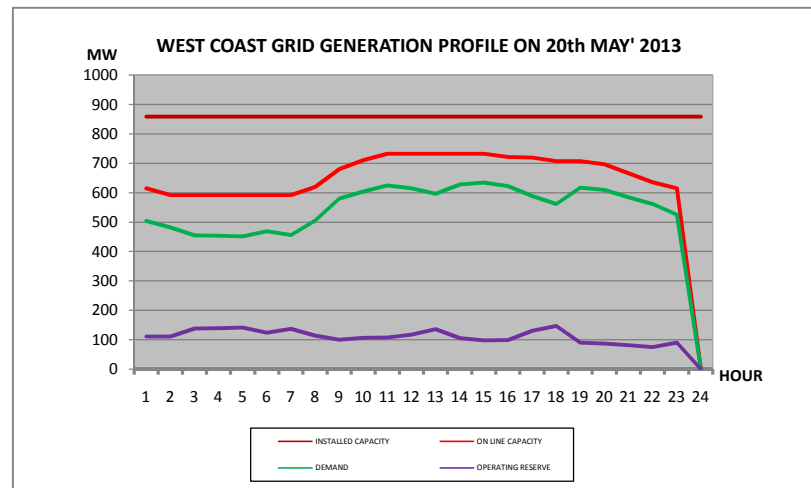
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		43	43	43	43	43	43	43	119	166	181	190	190	190	190	190	190	190	190	190	190	190	178	133	0
DEMAND		176.96	171.15	162.23	162.98	158.82	165.75	151.62	196.7	233.04	227.97	256.29	252.23	239.96	250.06	250.37	242.09	235.12	235.83	249.22	248.38	239.31	241.07	217.19	0
OPERATING RESERVE		-133.96	-128.15	-119.23	-119.98	-115.82	-122.75	-108.62	-77.7	-67.04	-46.97	-66.29	-62.23	-49.96	-60.06	-60.37	-52.09	-45.12	-45.83	-59.22	-58.38	-49.31	-63.07	-84.19	0
East Cost		7447.66	6999.74	7671.51	7475.81	7777.14	7643.71	7535.91	15286.7	20922.3	21670.7	24623.3	24112.3	22787.3	22883.1	23024.9	23043.1	22484.9	22564.9	23181.9	22644.9	22867.9	20770.8	16296	0

EAST COAST GRID OPERATION



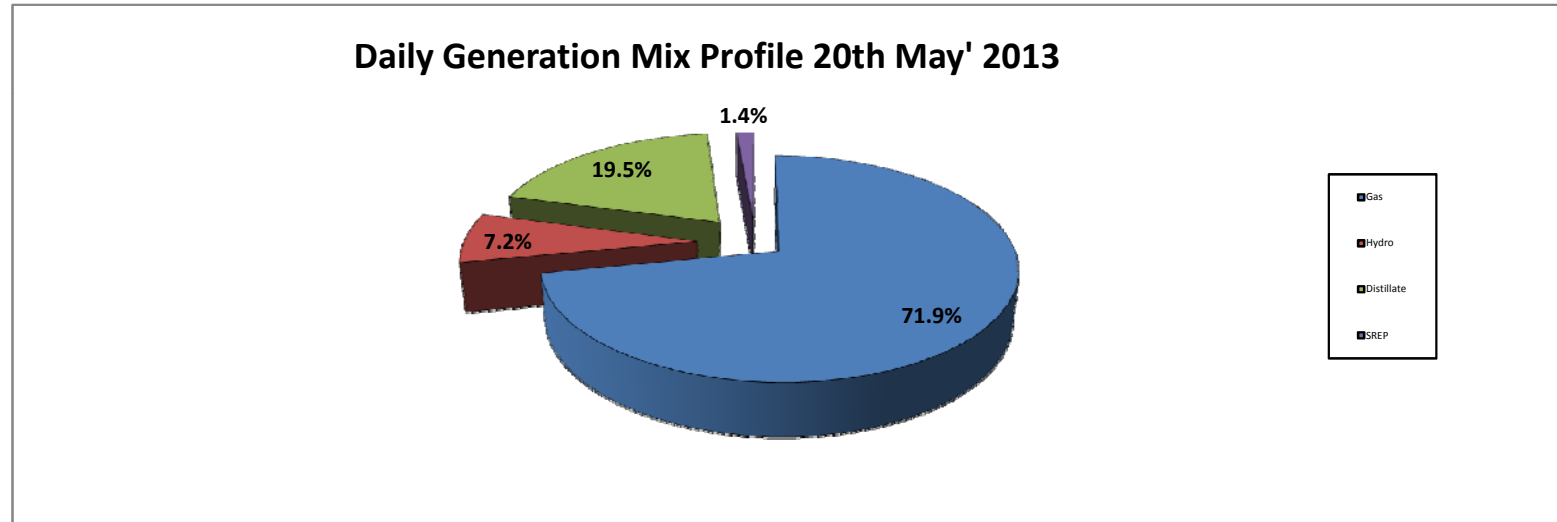
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		614.5	592.5	592.5	592.5	592.5	592.5	592.5	619	680	710.5	732.5	732.5	732.5	732.5	721.5	719	708	708	697	666	636	614.5	0	0
DEMAND		503.5	481.6	454.3	453.2	451.1	468.2	455.3	504.6	579.4	603.4	624.3	614.9	596.1	627	634	621.9	588.7	560.8	617.1	609.3	583.8	561.1	524.5	0
OPERATING RESERVE		111	110.9	138.2	139.3	141.4	124.3	137.2	114.4	100.6	107.1	108.2	117.6	136.4	105.5	98.5	99.6	130.3	147.2	90.9	87.7	82.2	74.9	90	0
West Cost		37331.7	36887.1	35182.5	35180.4	35001.5	35928.7	35255.4	38006.5	43433.7	46206.7	48561.4	47945.8	47009.8	48596.3	48520.1	47435.6	44970.2	43186.4	47056.4	45919.9	42772.8	41789	38095.9	0

WEST COAST GRID OPERATION



Generation Mix Profile for 20th May 2013

Gas	10,741 MWh
Hydro	1,082 MWh
Distillate	2,905 MWh
SREP	205 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,453.10 MWh	1,525.50 MWh	1,036.50 MWh	- MWh
IPP	1,452.00 MWh	9,215.80 MWh	45.70 MWh	- MWh
SREP	- MWh	- MWh	MWh	205.00 MWh
TOTAL	2,905.10 MWh	10,741.30 MWh	1,082.20 MWh	205.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	7%	0%
IPP	10%	62%	0%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%
TOTALLY	14,933.60			

DIST (IPP)	10%
DIST (SESB)	10%
SREP	1%
GAS (SESB)	10%
GAS (IPP)	62%
HYDRO (SESB)	7%
HYDRO (IPP)	0%
total	100%

