

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (8th APRIL' 2013)	850 MW	818 MW	-3.80%
Maximum Energy (8th APRIL' 2013)	17.7 MW	15.9 GWh	-10.17%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

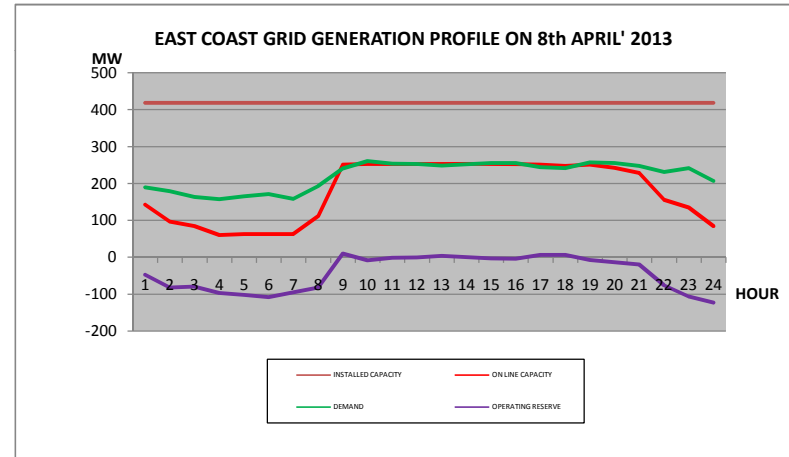
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Apr-13

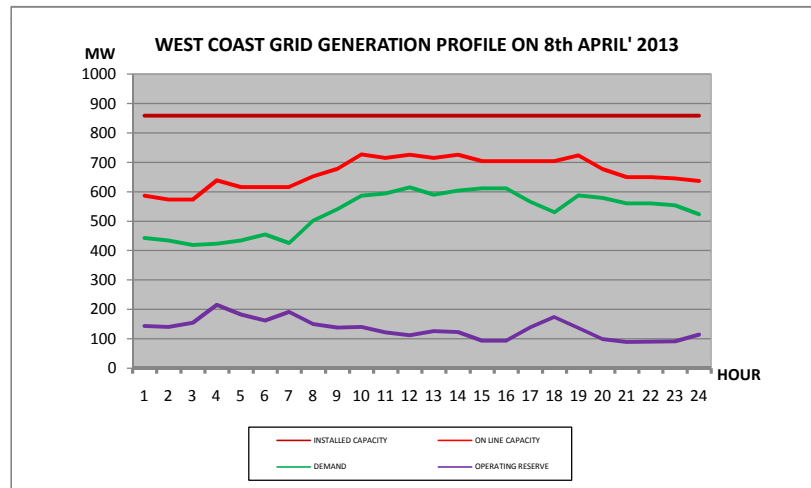
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		142	96	84	60	63	63	63	111	250.5	252.5	252.5	252.5	252.5	252.5	252.5	252.5	250.5	247.5	250.5	242.5	228	155	135	84
DEMAND		189	178.38	163.1	156.91	164.65	170.9	157.99	192.83	240.34	260.8	253.5	252.98	248.36	251.82	255.29	255.92	243.99	241.17	257.51	255.76	247.78	231.02	241.61	206.8
OPERATING RESERVE		-47	-82.38	-79.1	-96.91	-101.65	-107.9	-94.99	-81.83	10.16	-8.3	-1	-0.48	4.14	0.68	-2.79	-3.42	6.51	6.33	-7.01	-13.26	-19.78	-76.02	-106.61	-122.8
East Cost		19198.3	15556.4	13970.6	11471.6	11982.7	11929.8	12015.5	16337.2	30393.2	30438.2	33359.3	31460.4	32178.6	32867.6	32386	31897	31007.3	31741.8	31102.9	30005.6	27885.3	19825.3	15643.6	13750.6

EAST COAST GRID OPERATION



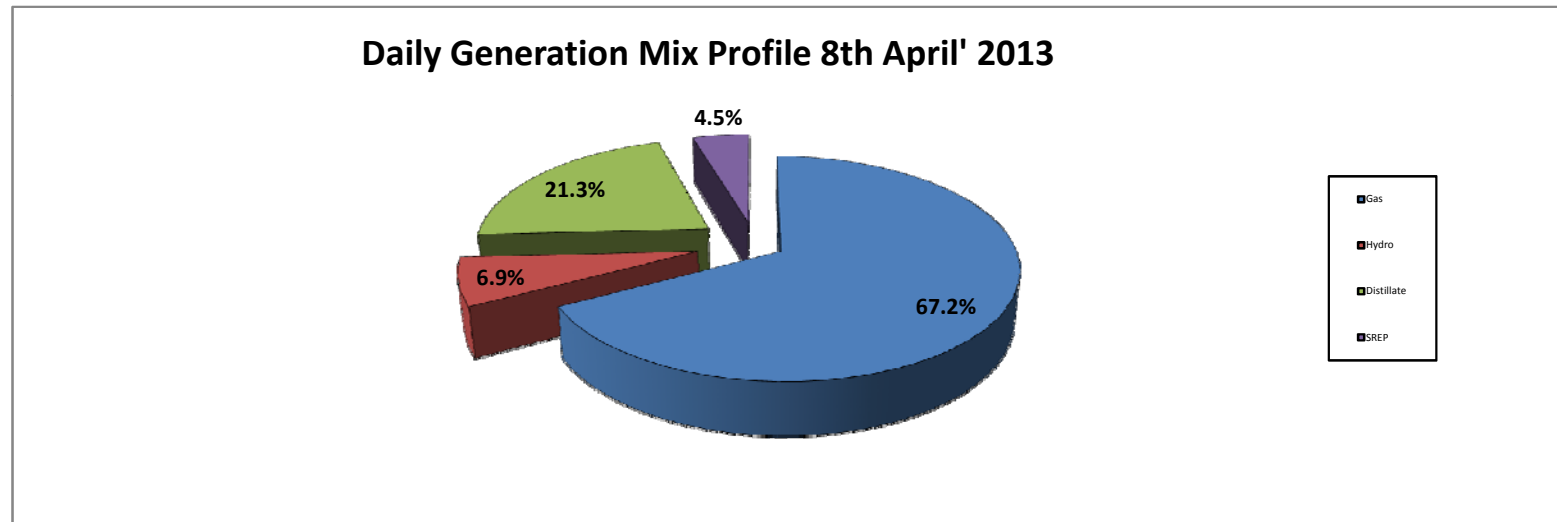
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		586.5	573.5	573.5	638.5	616.5	616.5	616.5	651.5	678.5	727.1	715	726	715	726	704	704	704	704	723.5	676.5	649.5	649.5	645	636.5
DEMAND		443.2	433.8	419	423.5	434.2	455.1	425.1	502.1	541.1	586.8	593.6	614.6	589.8	603.9	611.4	610.8	565.6	530	587.4	578.3	560.8	559.9	553.8	523
OPERATING RESERVE		143.3	139.7	154.5	215	182.3	161.4	191.4	149.4	137.4	140.3	121.4	111.4	125.2	122.1	92.6	93.2	138.4	174	136.1	98.2	88.7	89.6	91.2	113.5
West Cost		32332.3	30817	29961	31925.1	34113.1	35358.7	32976.6	37762.4	42018.5	46964.1	46320.1	47417.5	46111.7	47660.8	48929.8	48815.7	45769.6	44742.4	45722.6	43942.4	41135.3	41039.2	39989.7	37796.9

WEST COAST GRID OPERATION



Generation Mix Profile for 8th April 2013

Gas	10,789 MWh
Hydro	1,110 MWh
Distillate	3,417 MWh
SREP	728 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,545.65 MWh	1,534.10 MWh	1,031.00 MWh	- MWh
IPP	1,871.30 MWh	9,255.20 MWh	78.60 MWh	- MWh
SREP	- MWh	- MWh	- MWh	727.90 MWh
TOTAL	3,416.95 MWh	10,789.30 MWh	1,109.60 MWh	727.90 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	6%	0%
IPP	12%	58%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	16,043.75			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	5%
GAS (SESB)	10%
GAS (IPP)	58%
HYDRO (SESB)	6%
HYDRO (IPP)	0%
total	100%

