

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (16th APRIL' 2013)	850 MW	866 MW	1.91%
Maximum Energy (16th APRIL' 2013)	17.5 MW	16.3 GWh	-6.86%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

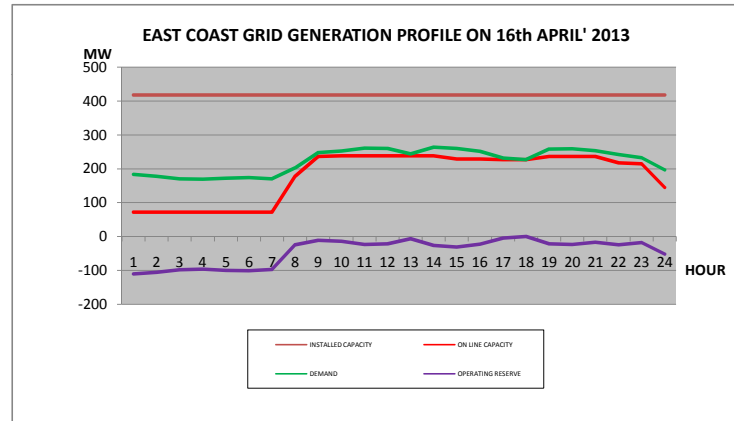
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

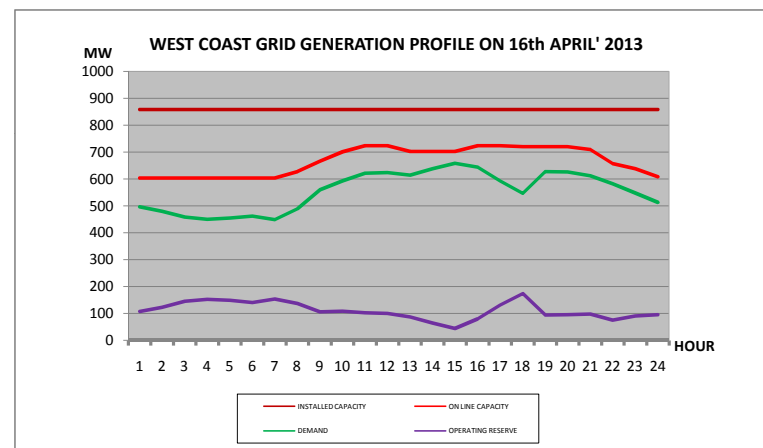
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		72	72	72	72	72	72	177	235.5	237.5	237.5	237.5	237.5	237.5	228.5	226.5	226.5	235.5	235.5	235.5	217	214	144		
DEMAND		182.98	177.84	170.41	169.18	172.31	173.73	170.18	202.33	247.4	252.54	261.23	260.01	244.47	263.93	259.81	251.92	232.07	226.93	258.07	259.18	253.37	241.85	232.71	196.32
OPERATING RESERVE		-110.98	-105.84	-98.41	-97.18	-100.31	-101.73	-98.18	-25.33	-11.9	-15.04	-23.73	-22.51	-6.97	-26.43	-31.31	-23.42	-5.57	-0.43	-22.57	-23.68	-17.87	-24.85	-18.71	-52.32
East Cost		12219.4	11891.8	12279.1	12236.1	12064.3	12066.7	12119.6	21379.6	30036.6	32550.4	32928.9	31528.1	29619.8	32662	30978.1	30172.4	28125	28111.9	29703.4	29362.4	28910.5	25716.9	25659.8	17929.3

EAST COAST GRID OPERATION



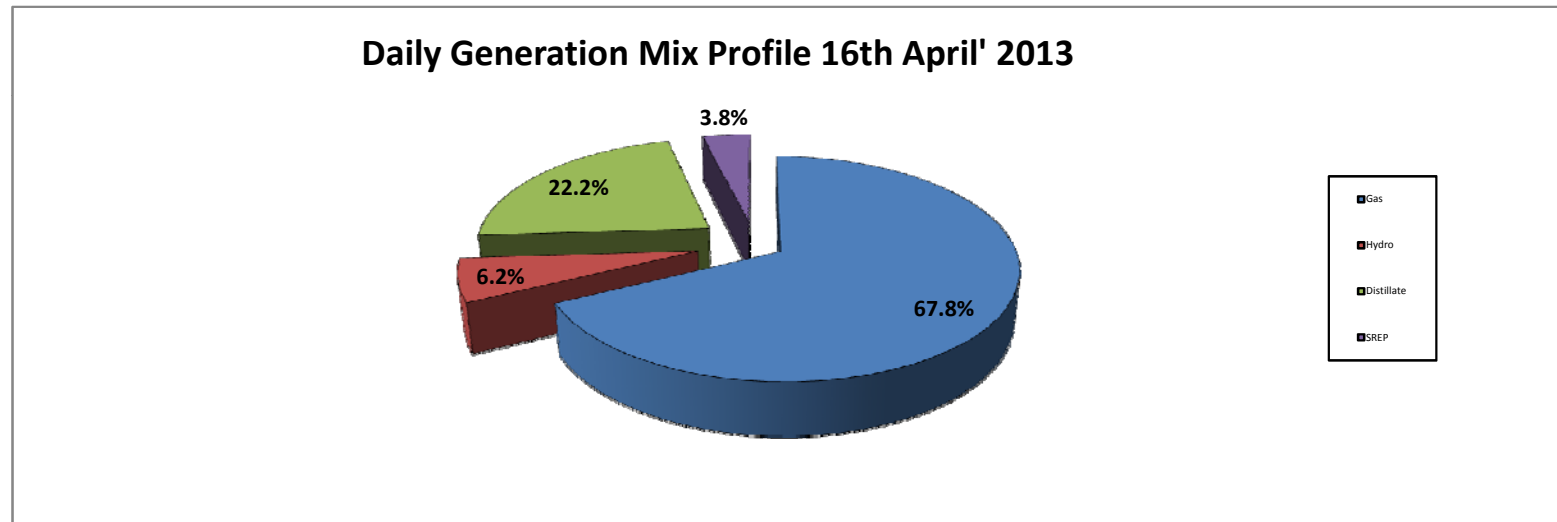
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		603	603	603	603	603	603	603	627	665	701.5	724.1	724.1	702.1	702.1	724.1	724.1	721	721	721	710	657	638	608	
DEMAND		496	479.7	457.7	450.3	454.2	461.9	448.7	489.6	558.8	592.9	621.45	623.75	614.55	638.15	658.05	644.15	592.85	546.5	626.6	625.7	612	581.5	547.5	512.6
OPERATING RESERVE		107	123.3	145.3	152.7	148.8	141.1	154.3	137.4	106.2	108.6	102.65	100.35	87.55	63.95	44.05	79.95	131.25	174.5	94.4	95.3	98	75.5	90.5	95.4
West Cost		37666	36712.3	35106.8	34563.1	34864.3	35400.8	34403.8	38253.7	45028.9	48962.2	49710.9	49704.6	50316.6	51910.1	53463.6	50992.4	48057.1	44346.9	49460.3	49375.3	48076.6	44188.6	41281	38288.3

WEST COAST GRID OPERATION



Generation Mix Profile for 16th April 2013

Gas	11,217 MWh
Hydro	1,031 MWh
Distillate	3,674 MWh
SREP	630 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,831.05 MWh	1,291.20 MWh	921.00 MWh	- MWh
IPP	1,842.60 MWh	9,925.50 MWh	110.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	629.50 MWh
TOTAL	3,673.65 MWh	11,216.70 MWh	1,031.10 MWh	629.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	8%	6%	0%
IPP	11%	60%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	16,550.95			

DIST (IPP)	11%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	8%
GAS (IPP)	60%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

