

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (19th APRIL' 2013)	870 MW	836 MW	-3.87%
Maximum Energy (19th APRIL' 2013)	18.2 MW	16.2 GWh	-10.99%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

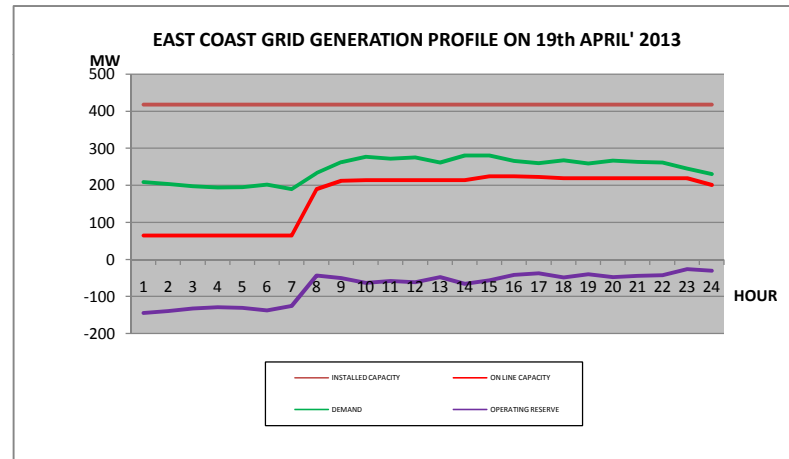
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

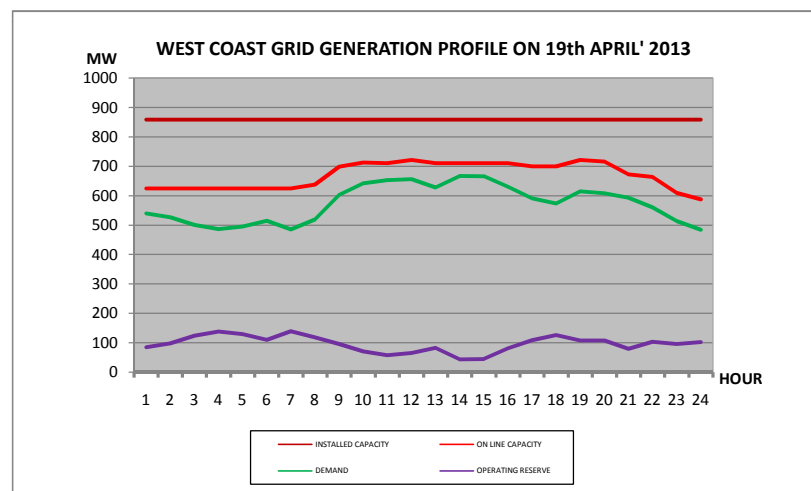
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		65	65	65	65	65	65	65	190	212.5	214.5	214.5	214.5	214.5	214.5	224.5	224.5	222.5	219.5	219.5	219.5	219.5	219.5	201	
DEMAND		209.29	203.96	197.66	194.22	195.74	202.45	190.29	233.45	263.1	277.73	272.74	276.07	262.11	280.68	280.98	266.16	260.35	267.88	259.59	267.32	263.61	262.12	245.85	231.28
OPERATING RESERVE		-144.29	-138.96	-132.66	-129.22	-130.74	-137.45	-125.29	-43.45	-50.6	-63.23	-58.24	-61.57	-47.61	-66.18	-56.48	-41.66	-37.85	-48.38	-40.09	-47.82	-44.11	-42.62	-26.35	-30.28
East Cost		7922.86	8005.74	7968.83	7936.49	7873.08	8017.65	8060.26	20071.6	23727.4	26960.8	27319.5	25581.1	26395.7	26021.6	27587.5	28562.6	27252.8	26522.9	25762.2	26263.9	25926.3	24975.3	25812.5	23163.9

EAST COAST GRID OPERATION



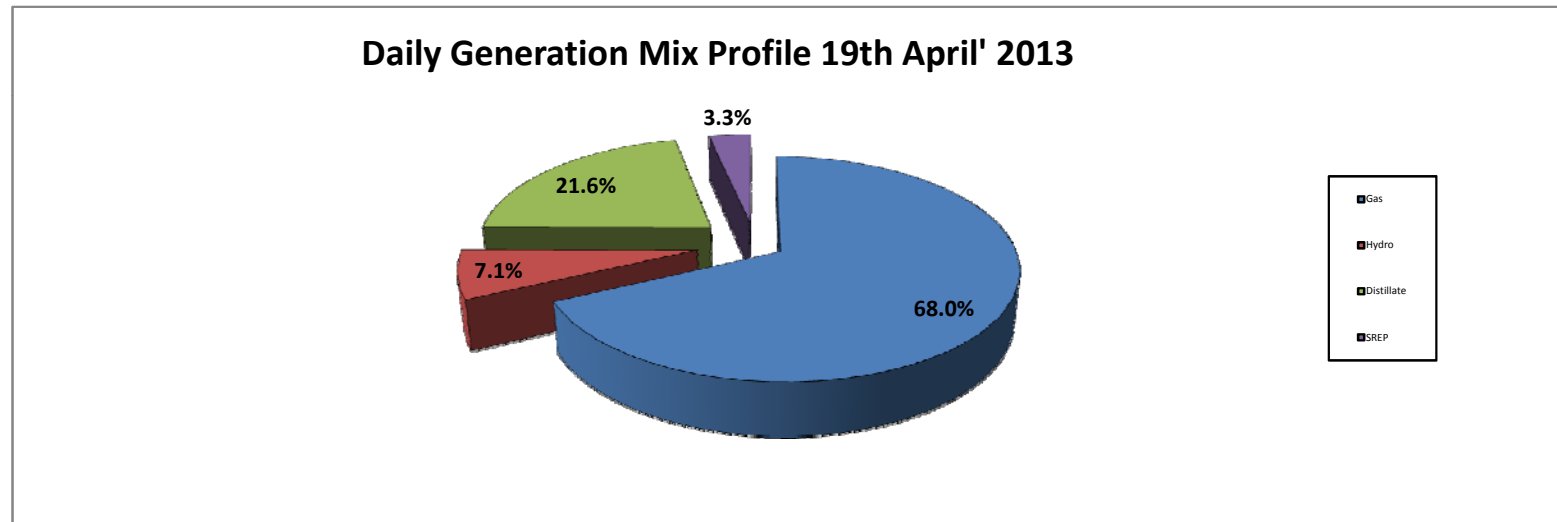
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		625	625	625	625	625	625	625	638	699	713.1	710.6	721.6	710.6	710.6	710.6	710.6	699.6	699.6	721.6	716.5	672.5	663.5	609.5	587.5
DEMAND		539.9	526.9	501.3	487.1	496	514.8	485.9	519.1	603	642.35	652.35	655.75	627.45	666.85	665.35	629.95	590.85	573.95	614.35	608.5	593.1	560.2	513.8	484.8
OPERATING RESERVE		85.1	98.1	123.7	137.9	129	110.2	139.1	118.9	96	70.75	58.25	65.85	83.15	43.75	45.25	80.65	108.75	125.65	107.25	108	79.4	103.3	95.7	102.7
West Cost		39571.9	38683.5	36922.5	36101.5	36817.5	37514.3	36032.8	39107.2	47234.7	50879.7	51254.9	51725.7	49399.1	52498.1	52352.3	49741.7	48865.9	47645.7	48975.8	48523.8	46114.8	43683	41750.2	38865.5

WEST COAST GRID OPERATION



Generation Mix Profile for 19th April 2013

Gas	11,473 MWh
Hydro	1,192 MWh
Distillate	3,644 MWh
SREP	563 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,748.75 MWh	1,449.70 MWh	1,086.00 MWh	- MWh
IPP	1,895.20 MWh	10,023.30 MWh	105.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	562.70 MWh
TOTAL	3,643.95 MWh	11,473.00 MWh	1,191.80 MWh	562.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	9%	6%	0%
IPP	11%	59%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	16,871.45			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	3%
GAS (SESB)	9%
GAS (IPP)	59%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

