

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (1st MAY' 2013)	750 MW	724 MW	-3.45%
Maximum Energy (1st MAY' 2013)	15.8 MW	13.9 GWh	-12.03%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

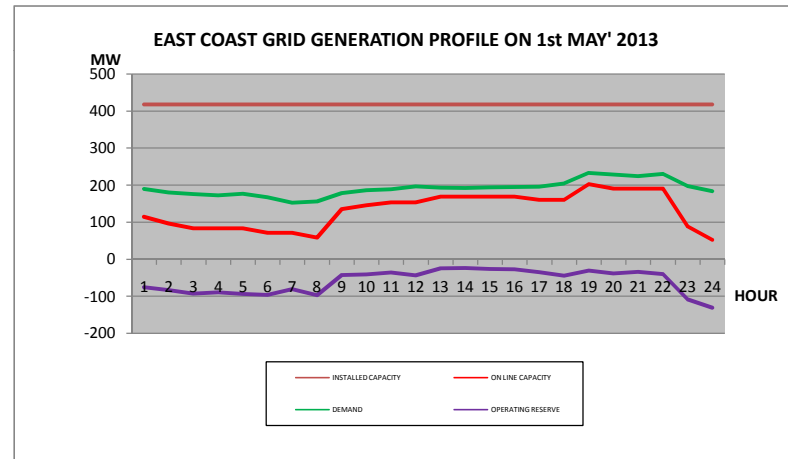
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

10-May-13

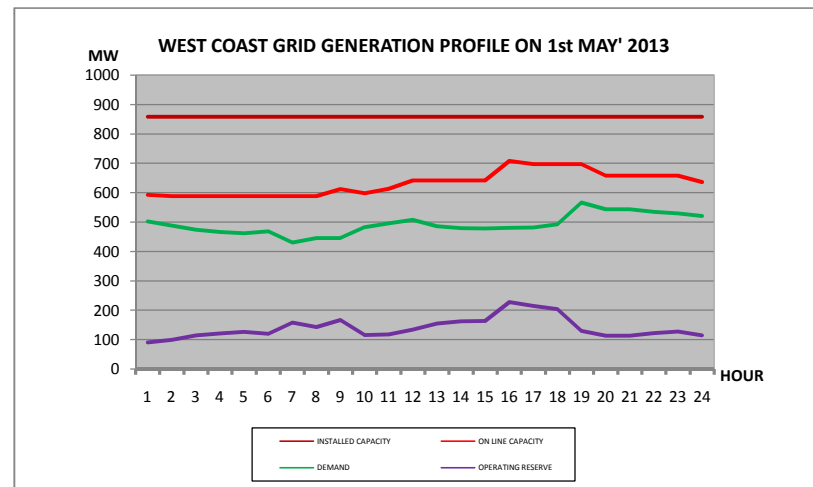
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		115	97	84	84	84	72	72	59	136	146	154	154	169	169	169	169	161	161	203	191	191	191	89	53
DEMAND		190.04	180.17	176.29	172.95	177.31	167.83	152.72	156	178.38	186.49	188.97	196.98	193.48	192.18	194.65	195.46	195.69	204.94	233.16	229.26	224.89	230.66	197.51	183.87
OPERATING RESERVE		-75.04	-83.17	-92.29	-88.95	-93.31	-95.83	-80.72	-97	-42.38	-40.49	-34.97	-42.98	-24.48	-23.18	-25.65	-26.46	-34.69	-43.94	-30.16	-38.26	-33.89	-39.66	-108.51	-130.87
East Cost		16549.5	15022.8	13772.5	13728.3	13440.9	10631.9	11500.9	10664.8	17816.4	18669.4	19768.7	19056.6	20040.7	19869.8	20450.2	18944.7	18486.8	19163	24072.6	24576.8	24005.5	22315.5	12920.2	9247.5

EAST COAST GRID OPERATION



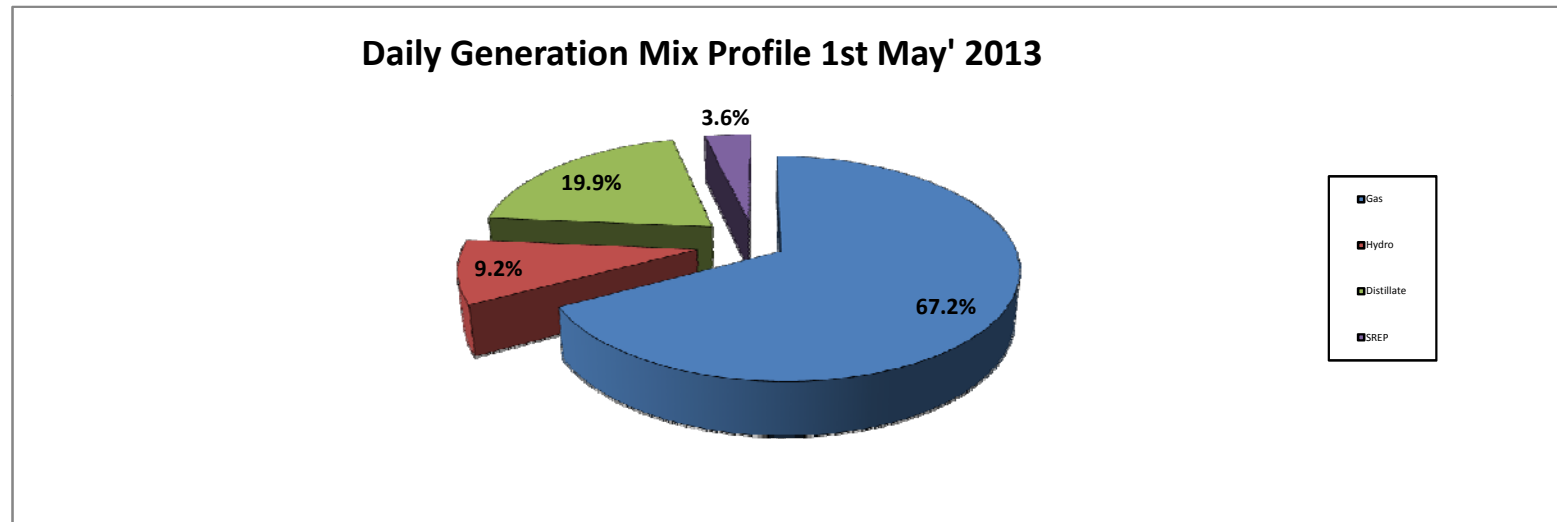
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		593	588.5	588.5	588.5	588.5	588.5	588.5	588.5	612	598	614	642	642	642	642	708	697	697	697	658	658	658	658	636.5
DEMAND		502	488.3	473.9	466.8	462.1	468.2	430.5	445.5	445.5	482.5	496	508	486.4	479.2	478	480.2	481.7	493.1	566.9	543.7	543.8	535.3	529.9	521.1
OPERATING RESERVE		91	100.2	114.6	121.7	126.4	120.3	158	143	166.5	115.5	118	134	155.6	162.8	164	227.8	215.3	203.9	130.1	114.3	114.2	122.7	128.1	115.4
West Cost		36601.5	35235.2	34775.4	34311.7	33942.6	34398.8	32150	32663.4	34824.9	39033.2	40751.9	40223.8	38840.1	38958.2	38874.5	39366.8	38991.2	40113	44641.9	41198.4	41209	40277.9	39743.9	37227.5

WEST COAST GRID OPERATION



Generation Mix Profile for 1st May 2013

Gas	9,499 MWh
Hydro	1,307 MWh
Distillate	2,816 MWh
SREP	516 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SES	1,160.90 MWh	1,656.90 MWh	1,251.00 MWh	- MWh
IPP	1,655.10 MWh	7,842.20 MWh	56.00 MWh	- MWh
SREP	- MWh	- MWh	- MWh	515.50 MWh
TOTAL	2,816.00 MWh	9,499.10 MWh	1,307.00 MWh	515.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SES	8%	12%	9%	0%
IPP	12%	55%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	14,137.60			

DIST (IPP)	12%
DIST (SES)	8%
SREP	4%
GAS (SES)	12%
GAS (IPP)	55%
HYDRO (SES)	9%
HYDRO (IPP)	0%
total	100%

