

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (21st APRIL' 2013)	745 MW	680 MW	-8.71%
Maximum Energy (21st APRIL' 2013)	15.5 MW	13.5 GWh	-12.90%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

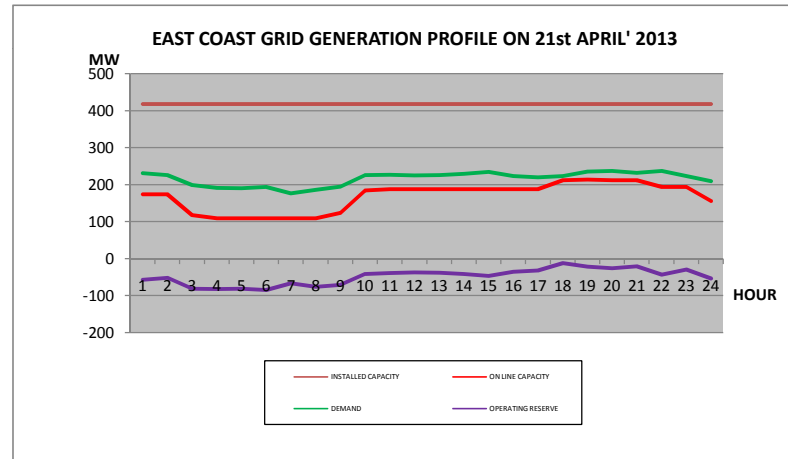
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

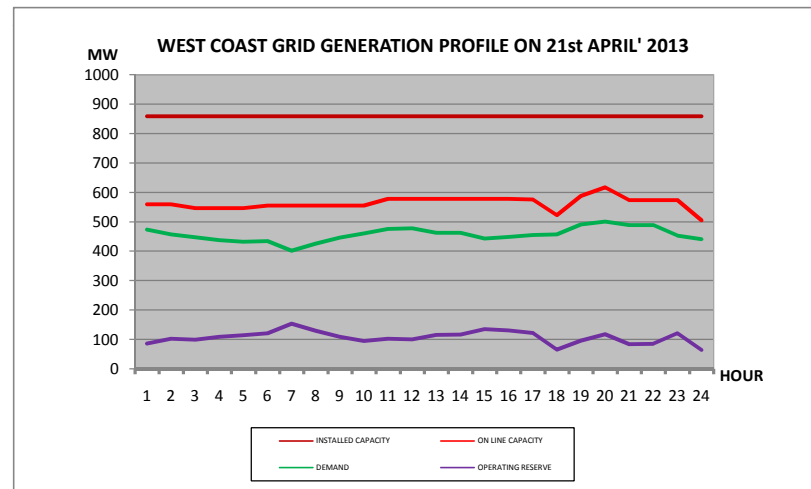
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		174	174	118	109	109	109	109	109	124	184	188	188	188	188	188	188	188	211.5	213.5	211.5	211.5	193.5	193.5	156
DEMAND		230.68	225.42	198.87	190.79	189.82	193.7	175.96	185.17	194.49	225.51	226.48	224.99	225.6	229.11	234.81	223.23	219.82	223.53	235.41	237.21	231.81	236.96	222.82	209.41
OPERATING RESERVE		-56.68	-51.42	-80.87	-81.79	-80.82	-84.7	-66.96	-76.17	-70.49	-41.51	-38.48	-36.99	-37.6	-41.11	-46.81	-35.23	-31.82	-12.03	-21.91	-25.71	-20.31	-43.46	-29.32	-53.41
East Cost		20823.5	20253.1	14675.1	13932.3	13786.5	13721.6	12558.8	14000.4	14975.2	23409	23087.1	22539.4	24015.3	23939.8	23906.2	23802.5	21916.9	29623.4	30924.2	29656.9	30184.8	24598.2	23261.1	18360.5

EAST COAST GRID OPERATION



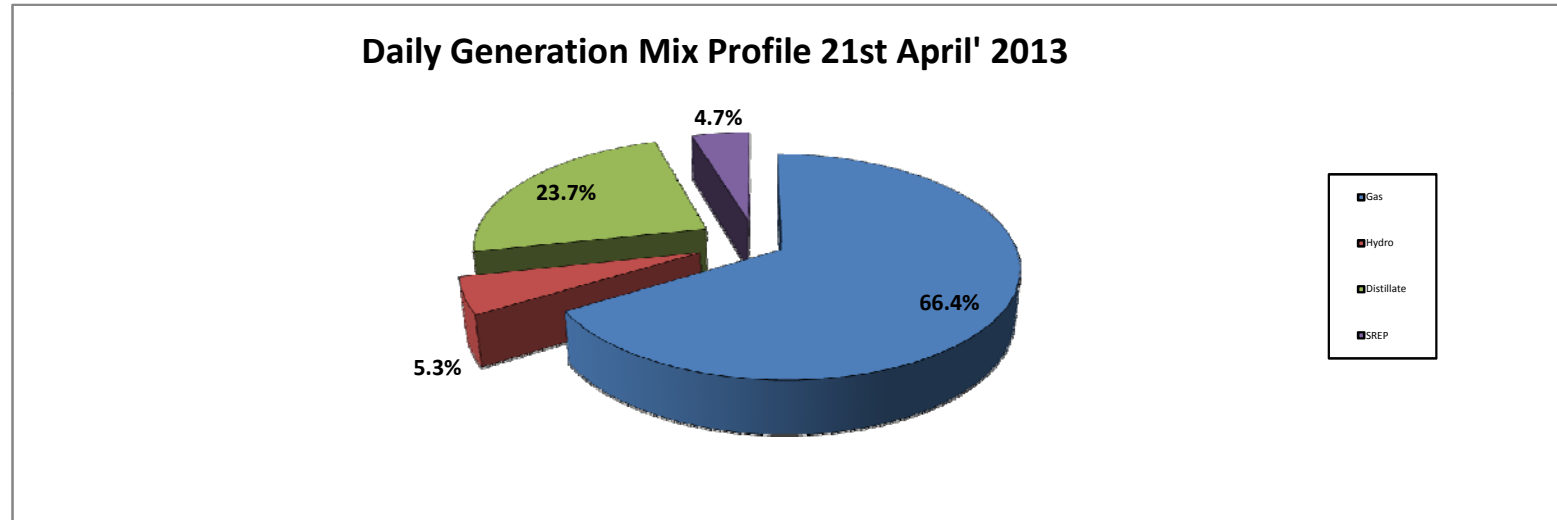
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		559.5	559.5	546.5	546.5	546.5	555	555	555	555	555	578.5	578.5	578.5	578.5	578.5	578.5	576.5	522.5	587.5	617.5	573.5	573.5	573.5	505
DEMAND		472.7	457.2	447	437.1	432.4	434.3	401.6	425	445.8	460.5	475.8	478	462.7	461.8	443.1	448.3	454.9	456.9	491	500.3	488.9	488.1	452.8	440.3
OPERATING RESERVE		86.8	102.3	99.5	109.4	114.1	120.7	153.4	130	109.2	94.5	102.7	100.5	115.8	116.7	135.4	130.2	121.6	65.6	96.5	117.2	84.6	85.4	120.7	64.7
West Cost		38731.3	37427.5	36127.2	35694.6	35220.7	35585.5	32991	34617.3	36287.5	36903.2	39985.9	40236.3	39267.8	39181	37567.8	37969.8	38237.4	40021.3	43099.1	43785.2	44787.6	44690.9	42230.3	37219.4

WEST COAST GRID OPERATION



Generation Mix Profile for 21st April 2013

Gas	9,314 MWh
Hydro	742 MWh
Distillate	3,326 MWh
SREP	653 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,665.05 MWh	1,302.40 MWh	636.00 MWh	- MWh
IPP	1,660.80 MWh	8,011.70 MWh	106.30 MWh	- MWh
SREP	- MWh	- MWh	MWh	652.90 MWh
TOTAL	3,325.85 MWh	9,314.10 MWh	742.30 MWh	652.90 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	9%	5%	0%
IPP	12%	57%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	14,035.15			

DIST (IPP)	12%
DIST (SESB)	12%
SREP	5%
GAS (SESB)	9%
GAS (IPP)	57%
HYDRO (SESB)	5%
HYDRO (IPP)	1%
total	100%

