

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (20th APRIL' 2013)	770 MW	734 MW	-4.74%
Maximum Energy (20th APRIL' 2013)	16.3 MW	15.0 GWh	-7.98%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

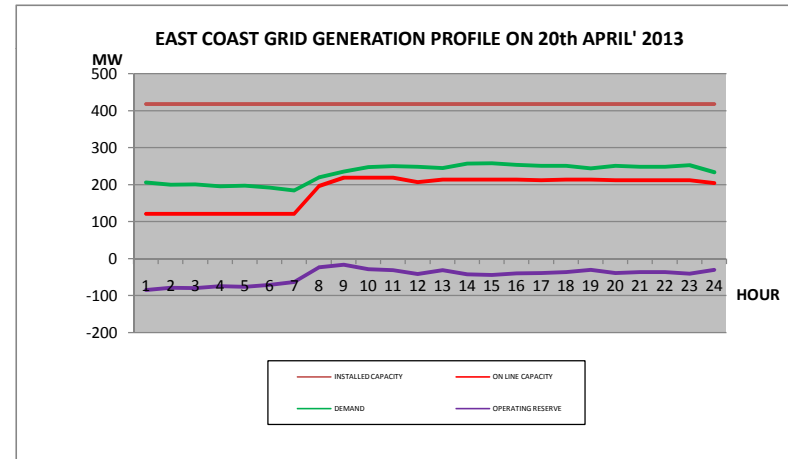
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

08-May-13

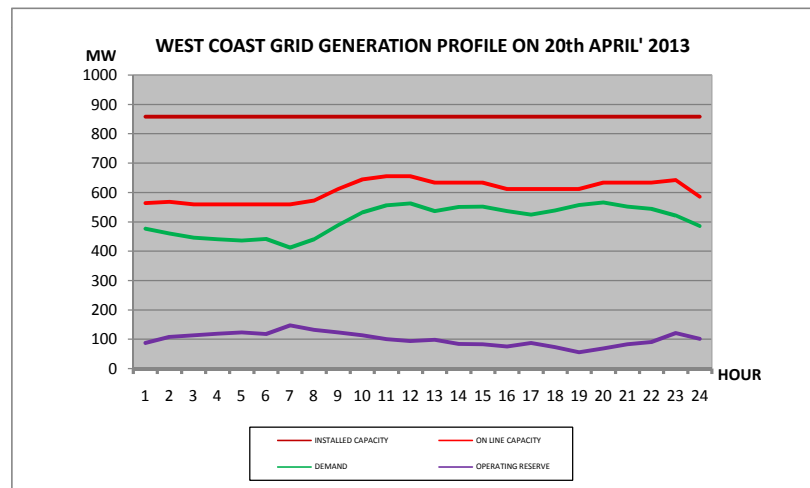
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		121	121	121	121	121	121	121	196	218.5	218.5	218.5	206.5	213.5	213.5	213.5	213.5	211.5	213.5	213.5	211.5	211.5	211.5	203.5	
DEMAND		205.72	199.57	200.3	195.5	196.81	192.15	184.32	219.57	234.88	246.96	249.71	248.11	244.4	256.16	257.23	252.95	250.11	249.95	243.4	250.66	247.62	248.19	252.12	233.49
OPERATING RESERVE		-84.72	-78.57	-79.3	-74.5	-75.81	-71.15	-63.32	-23.57	-16.38	-28.46	-31.21	-41.61	-30.9	-42.66	-43.73	-39.45	-38.61	-36.45	-29.9	-39.16	-36.12	-36.69	-40.62	-29.99
East Cost		15398.8	14720.6	15264.3	14567.7	14742.2	14442.2	14707.8	21529.7	24905.5	27812	28102.8	26201.6	27868.6	27782.8	27572.8	27862.4	26592.6	25886.2	29053.2	27220	29860	28209.6	26039.3	23824.3

EAST COAST GRID OPERATION



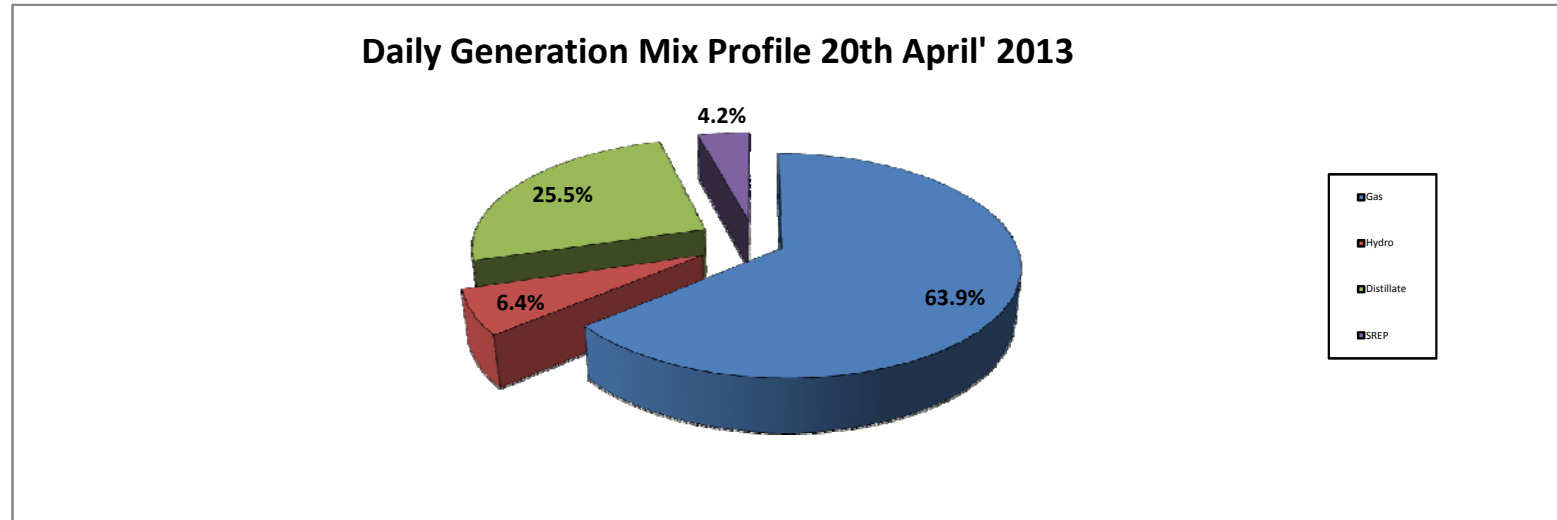
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		564	568.5	560	560	560	560	560	573	612	645	656	656	634	634	634	612	612	612	612	634	634	634	642.5	586.5
DEMAND		477.2	460.9	446.2	440.9	436.8	442.2	412.5	440.4	488.2	532	556	562.8	536.3	550.3	551.5	536.8	525	539	557	566	551.7	544.1	521.9	485.5
OPERATING RESERVE		86.8	107.6	113.8	119.1	123.2	117.8	147.5	132.6	123.8	113	100	93.2	97.7	83.7	82.5	75.2	87	73	55	68	82.3	89.9	120.6	101
West Cost		37091	36165.3	34729.8	34196.2	33951	33819.8	32218.9	34816	40757.2	44711.5	46238.2	46636.7	45793.4	46545.8	46706	46756.2	45821.8	46984.6	48574.9	47769.3	46680.7	45863.6	45243.9	41114.6

WEST COAST GRID OPERATION



Generation Mix Profile for 20th April 2013

Gas	9,945 MWh
Hydro	1,002 MWh
Distillate	3,965 MWh
SREP	648 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,981.65 MWh	1,427.10 MWh	876.00 MWh	- MWh
IPP	1,983.10 MWh	8,517.40 MWh	125.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	647.90 MWh
TOTAL	3,964.75 MWh	9,944.50 MWh	1,001.90 MWh	647.90 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	13%	9%	6%	0%
IPP	13%	55%	1%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,559.05			

DIST (IPP)	13%
DIST (SESB)	13%
SREP	4%
GAS (SESB)	9%
GAS (IPP)	55%
HYDRO (SESB)	6%
HYDRO (IPP)	1%
total	100%

