

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (11th APRIL' 2013)	835 MW	818 MW	-2.05%
Maximum Energy (11th APRIL' 2013)	17.6 MW	16.2 GWh	-7.95%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

Electricity Market Operations

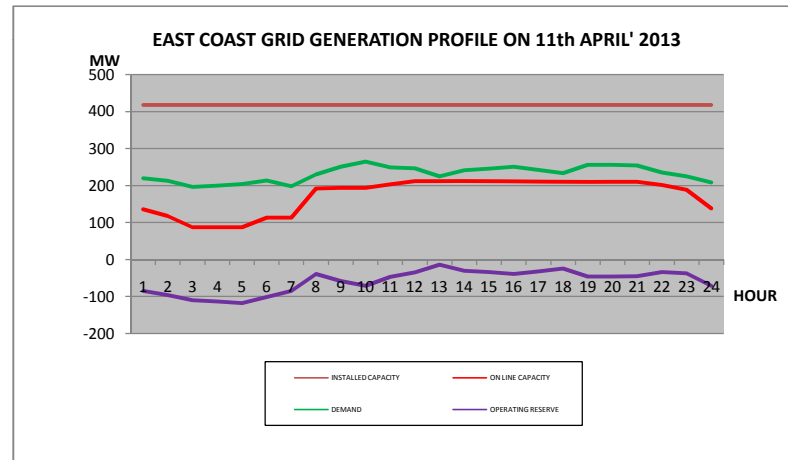
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

22-Apr-13

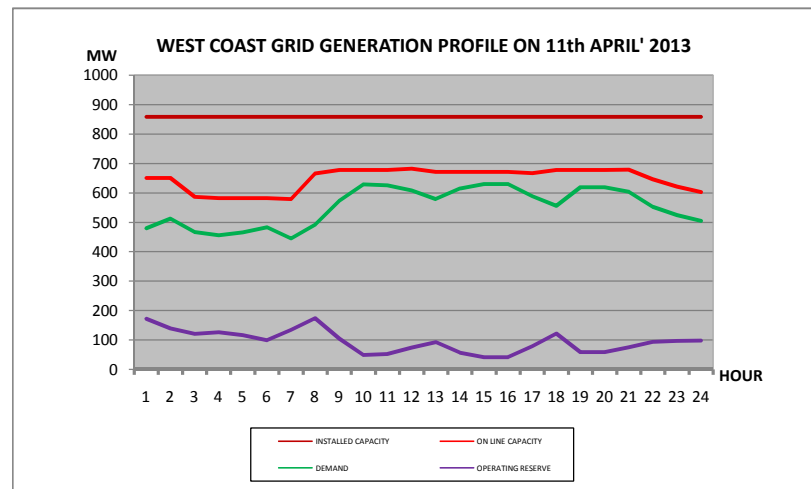
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		135	117	87	87	87	113	113	191.5	193.5	193.5	202.5	211.5	211.5	211.5	211.5	211.5	209.5	209.5	209.5	209.5	209.5	201.5	188	138
DEMAND		219.81	212.68	196.51	199.61	204.3	213.55	197.96	230.08	251.05	264.57	248.8	246.05	225.37	241.38	245.54	250.68	241.78	233.62	255.54	255.66	254.24	235.12	225.35	208.84
OPERATING RESERVE		-84.81	-95.68	-109.51	-112.61	-117.3	-100.55	-84.96	-38.58	-57.55	-71.07	-46.3	-34.55	-13.87	-29.88	-34.04	-39.18	-32.28	-24.12	-46.04	-46.16	-44.74	-33.62	-37.35	-70.84
East Cost		17388.9	14581.2	11275.5	11446.8	11830	13891.9	14445.3	22126.3	24331.3	24446.4	28749.5	29728.9	30096	30318.7	29841.6	29904.2	27923.1	27828.1	29111.9	28919	28380.8	27200.3	24440.3	19657.5

EAST COAST GRID OPERATION



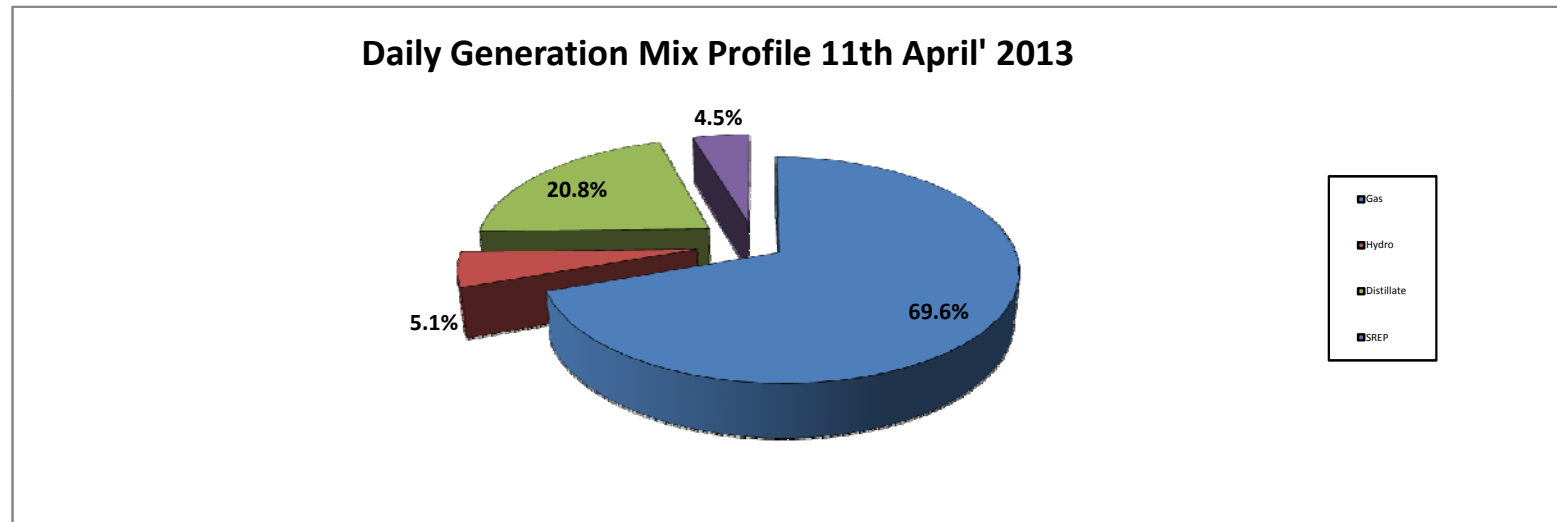
WEST COAST GRID																										
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	
INSTALLED CAPACITY		858.5	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		651.5	651.5	586.5	582	582	582	579	666	678.1	678.1	678.1	682.6	671.6	671.6	671.6	671.6	667.1	678.1	678.1	678.1	678.1	679.5	646.5	622	603
DEMAND		479.4	512.3	466.1	456.1	465.1	483	444.8	491.8	574.15	628.95	626.25	609.15	579.35	614.65	630.45	630.35	589.35	556.45	619.35	619.25	604.6	553.4	524.8	504.9	
OPERATING RESERVE		172.1	139.2	120.4	125.9	116.9	99	134.2	174.2	103.95	49.15	51.85	73.45	92.25	56.95	41.15	41.25	77.75	121.65	58.75	58.85	74.9	93.1	97.2	98.1	
West Cost		35566.6	37640.2	35957.9	35299.6	35659.6	37084.6	36445.1	40462.8	48532	51514.3	51236.7	49857.4	48087.5	49986.5	51100.6	51235.9	48051.6	46541	50522.1	50542.7	48884.7	44761.2	41964.4	39498.1	

WEST COAST GRID OPERATION



Generation Mix Profile for 11th April 2013

Gas	11,240 MWh
Hydro	822 MWh
Distillate	3,359 MWh
SREP	734 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,539.50 MWh	1,637.30 MWh	786.00 MWh	- MWh
IPP	1,819.80 MWh	9,602.90 MWh	36.10 MWh	- MWh
SREP	- MWh	- MWh	MWh	733.70 MWh
TOTAL	3,359.30 MWh	11,240.20 MWh	822.10 MWh	733.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	10%	5%	0%
IPP	11%	59%	0%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	16,155.30			

DIST (IPP)	11%
DIST (SESB)	10%
SREP	5%
GAS (SESB)	10%
GAS (IPP)	59%
HYDRO (SESB)	5%
HYDRO (IPP)	0%
total	100%

