

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (13th JULY' 2012)	780 MW	745 MW	-4.49%
Maximum Energy (13th JULY' 2012)	15.7 GWh	14.8 GWh	-5.73%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

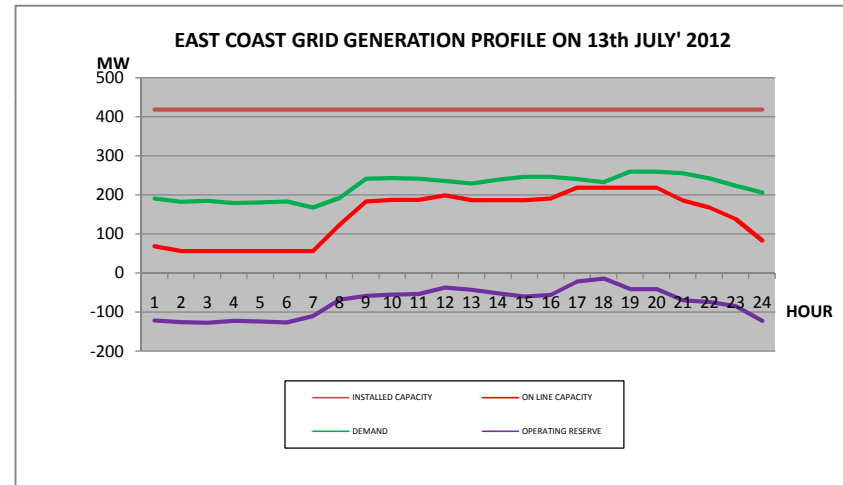
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

19-Jul-12

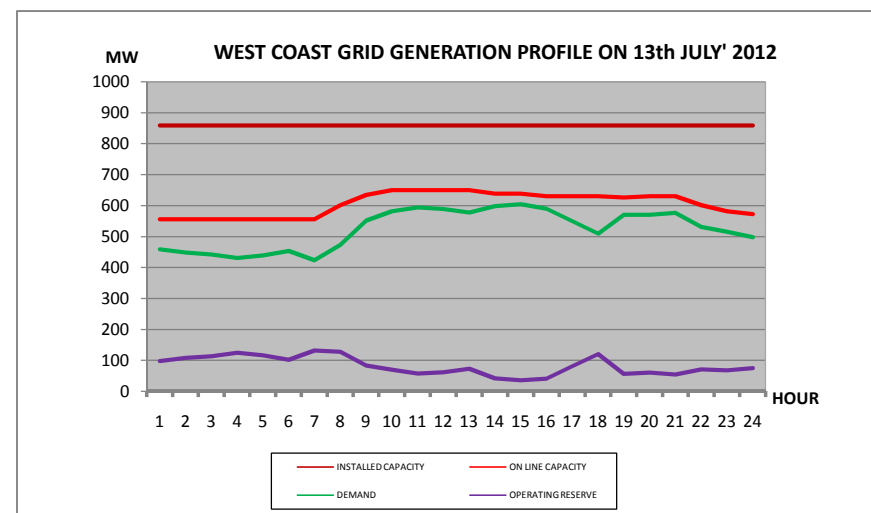
EAST COAST GRID																										
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9		
ON LINE CAPACITY		68	56	56	56	56	56	56	123	183.2	187.2	187.2	198.2	186.2	186.2	186.2	190.2	218.2	218.2	218.2	218.2	185.3	167.3	138	83	
DEMAND		190.51	182.19	184.06	178.87	180.58	182.9	166.98	192	241.64	242.8	241.37	235.75	229.1	238.5	246.6	246.2	240.32	232.54	259.53	259.35	255.41	241.79	223.41	206.06	
OPERATING RESERVE		-122.51	-126.19	-128.06	-122.87	-124.58	-126.9	-110.98	-69	-58.44	-55.6	-54.17	-37.55	-42.9	-52.3	-60.4	-56	-22.12	-14.34	-41.33	-41.15	-70.11	-74.49	-85.41	-123.06	
East Cost		9252.74	8331.56	7832.77	8276.7	8129.11	8286.74	8290.22	15000.6	22843.4	24294.4	24285.7	21302.6	22058.6	23533.8	23387.7	23542.4	23998.1	24412.8	24746.8	24112.9	22702.8	20880.5	16086.5	10599.3	398441

EAST COAST GRID OPERATION



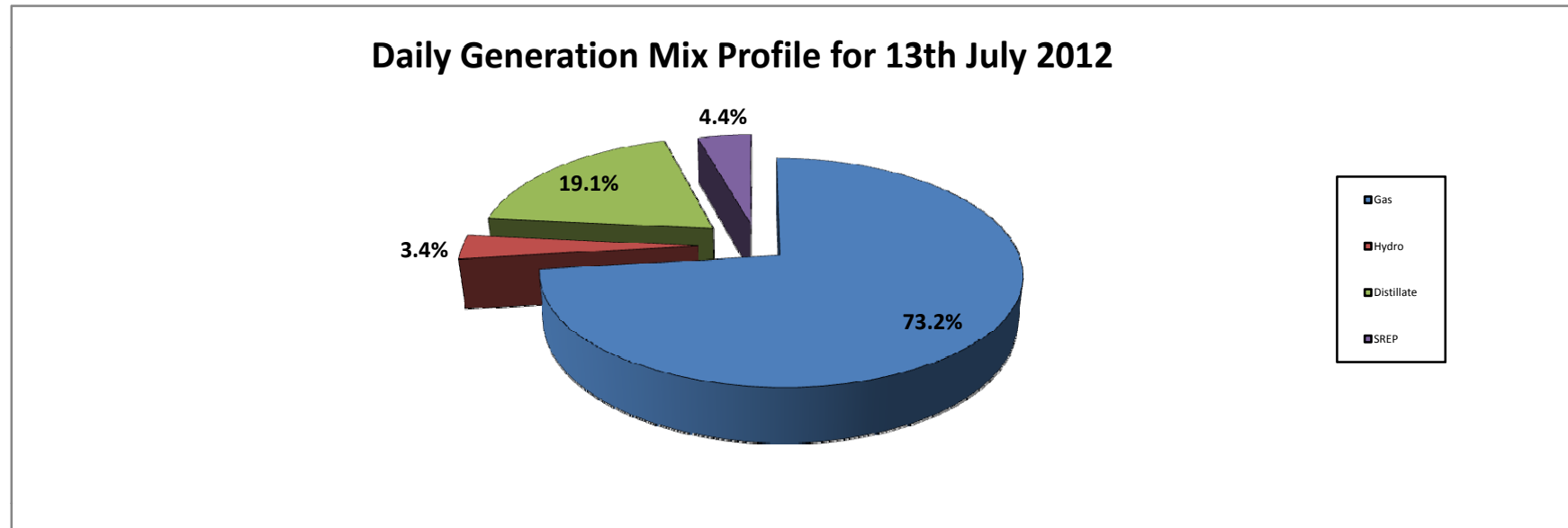
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		555	555	555	555	555	555	555	600.5	634.5	649.7	649.7	649.7	649.7	638.7	638.7	629.7	629.7	629.7	625.7	630	630	600.5	581.5	572
DEMAND		458	447.7	442.4	430.6	438.6	453.7	423.4	472.7	551.4	580.55	592.75	588.55	577.15	597.65	603.55	589.25	548.85	509.05	569.95	569.6	575.9	530.3	514.7	497.8
OPERATING RESERVE		97	107.3	112.6	124.4	116.4	101.3	131.6	127.8	83.1	69.15	56.95	61.15	72.55	41.05	35.15	40.45	80.85	120.65	55.75	60.4	54.1	70.2	66.8	74.2
West Cost		34243	33963	33866	33082	33566	33916	32472	38442	44374	47476	48313	47825	47097	48414	49012	47617	45058	42578	46088	45823	46249	42266	39793	37946

WEST COAST GRID OPERATION



Generation Mix Profile for 13th July 2012

Gas	11,139 MWh
Hydro	515 MWh
Distillate	2,909 MWh
SREP	663 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,606.20 MWh	1,650.10 MWh	484.00 MWh	- MWh
IPP	1,302.40 MWh	9,489.20 MWh	30.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	662.70 MWh
TOTAL	2,908.60 MWh	11,139.30 MWh	514.90 MWh	662.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	11%	11%	3%	0%
IPP	9%	62%	0%	0%
SREP	0%	0%	0%	4%
TOTAL	100%	100%	100%	100%
TOTALLY	15,225.50			

DIST (IPP)	9%
DIST (SESB)	11%
SREP	4%
GAS (SESB)	11%
GAS (IPP)	62%
HYDRO (SESB)	3%
HYDRO (IPP)	0%
total	100%

GENERATION MIX SESB-IPP-SREP 13th July' 2012

