

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (12th FEB' 2013)	710 MW	669 MW	-5.85%
Maximum Energy (12th FEB' 2013)	14.5 MW	12.6 GWh	-13.10%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

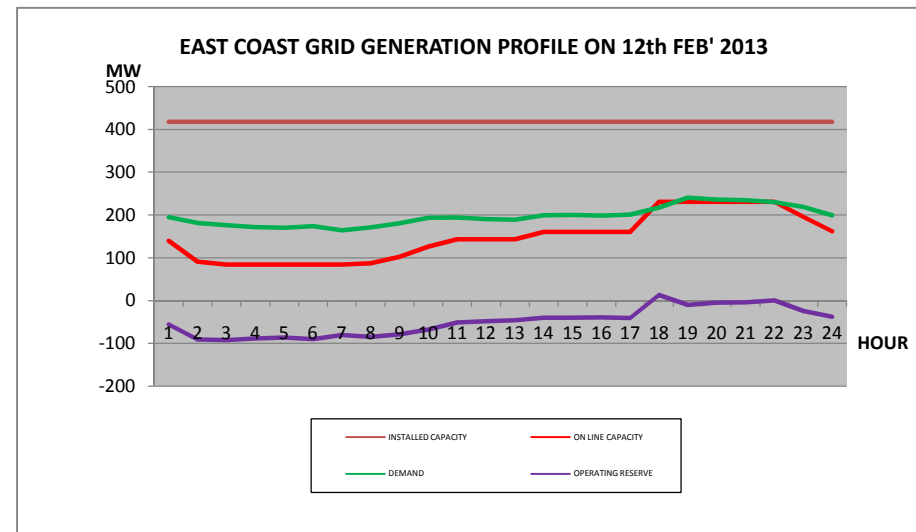
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

27-Feb-13

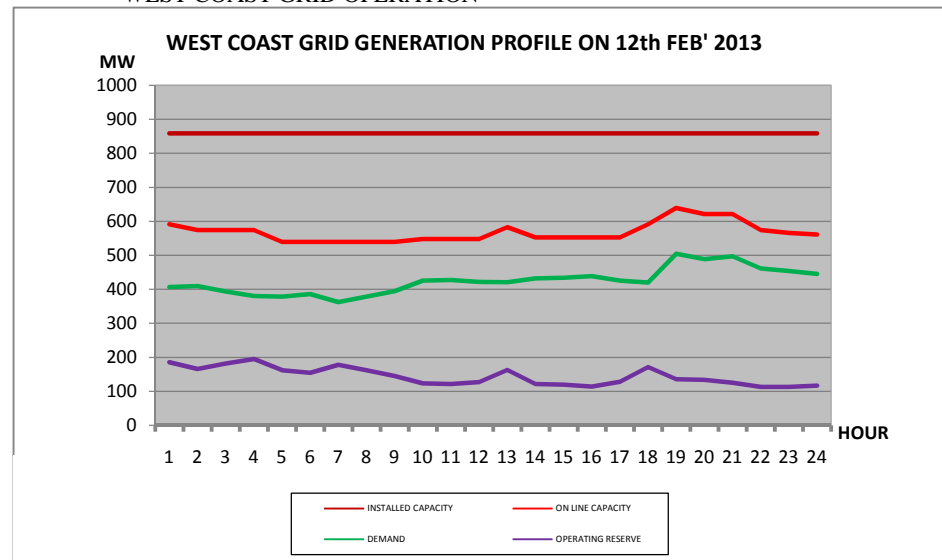
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9
ON LINE CAPACITY		139	91	84	84	84	84	84	87	102	126	143	143	143	160	160	160	160	230.5	230.5	230.5	230.5	230.5	195	162
DEMAND		194.71	181.38	176.14	172.26	170.26	174.27	164.57	171.37	180.75	193.81	194.38	190.8	189.24	199.64	199.98	198.85	200.88	217.47	240.26	235.65	234.51	230.09	218.98	199.72
OPERATING RESERVE		-55.71	-90.38	-92.14	-88.26	-86.26	-90.27	-80.57	-84.37	-78.75	-67.81	-51.38	-47.8	-46.24	-39.64	-39.98	-38.85	-40.88	13.03	-9.76	-5.15	-4.01	0.41	-23.98	-37.72
East Cost		15828.4	11068	11042.1	10777.2	10732.8	11056.6	10746.2	11136.8	11968	14024	16388.9	16408.4	16206.2	17928.5	17930.8	17447.5	17669.4	24847.9	24981.4	25411.6	25839.6	25527.6	21563.1	17486.9

EAST COAST GRID OPERATION



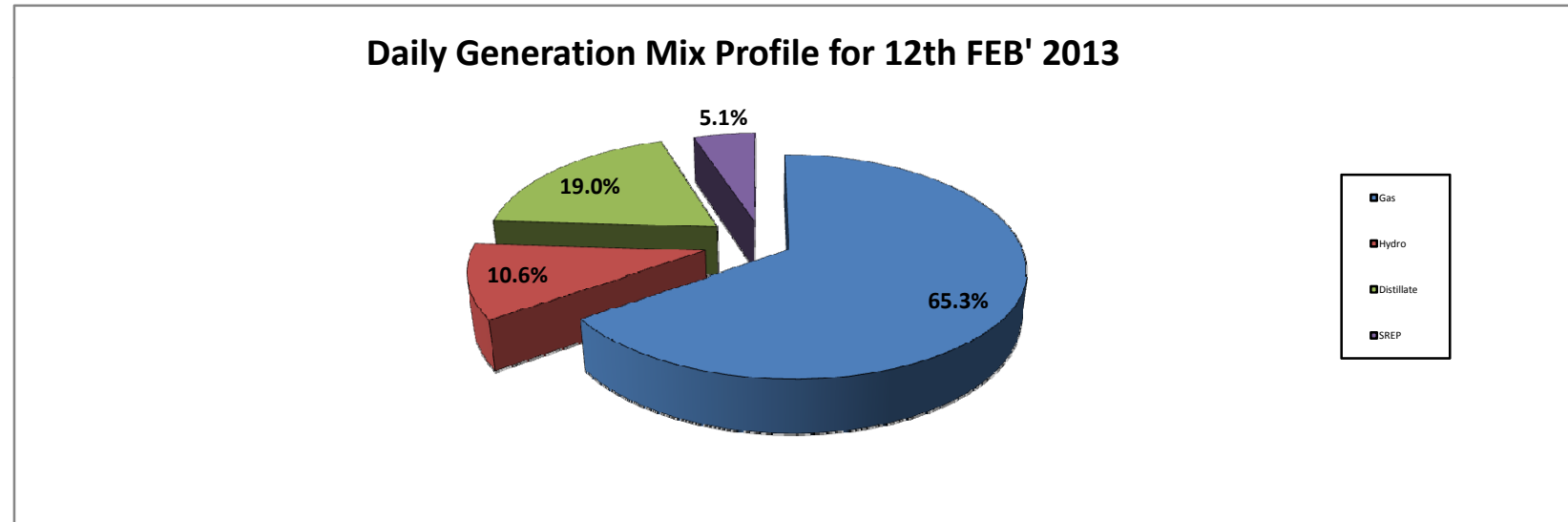
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		591.5	574.5	574.5	574.5	539.5	539.5	539.5	539.5	539.5	548	548	548	583	553	553	553	553	591	639.5	622	622	574	566	561.5
DEMAND		406.1	409.4	392.9	380.1	377.8	385.2	361.9	377.7	394.3	425.2	427	421.5	420	432	433.9	438.7	425.5	419.7	504.5	488.1	496.6	461.1	453.1	444.8
OPERATING RESERVE		185.4	165.1	181.6	194.4	161.7	154.3	177.6	161.8	145.2	122.8	121	126.5	163	121	119.1	114.3	127.5	171.3	135	133.9	125.4	112.9	112.9	116.7
West Cost		33031.5	32065.9	31158.7	30450.8	30570.7	30768.8	29889.8	30968.1	32026.5	34642.2	34727.8	33852.7	33320.1	32621.5	32616.7	32688.1	31536.4	32914.5	40489.4	39000.6	39882	34712.7	32900.5	32146.7

WEST COAST GRID OPERATION



Generation Mix Profile for 12th February 2013

Gas	8,433 MWh
Hydro	1,369 MWh
Distillate	2,450 MWh
SREP	653 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	937.65 MWh	1,877.70 MWh	1,297.00 MWh	- MWh
IPP	1,512.40 MWh	6,554.90 MWh	71.80 MWh	- MWh
SREP	- MWh	- MWh	- MWh	653.30 MWh
TOTAL	2,450.05 MWh	8,432.60 MWh	1,368.80 MWh	653.30 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	7%	15%	10%	0%
IPP	12%	51%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	12,904.75			

DIST (IPP)	12%
DIST (SESB)	7%
SREP	5%
GAS (SESB)	15%
GAS (IPP)	51%
HYDRO (SESB)	10%
HYDRO (IPP)	1%
total	100%

