

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (2nd JAN' 2013)	800 MW	773 MW	-3.40%
Maximum Energy (2nd' JAN 2013)	16.1 MW	13.8 GWh	-14.29%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

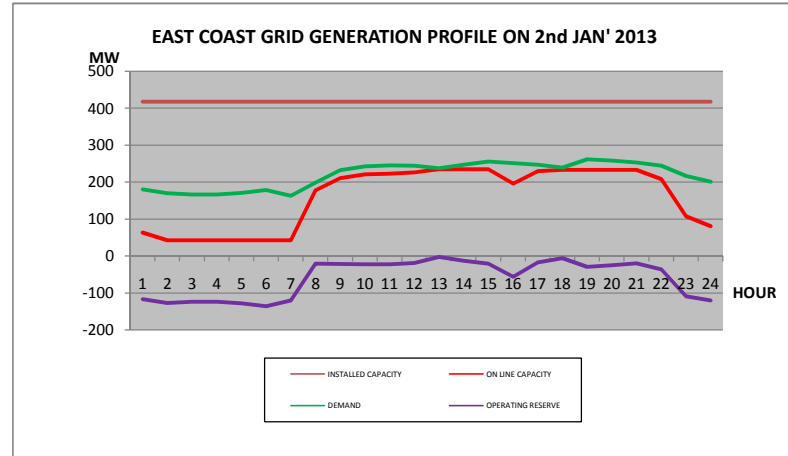
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

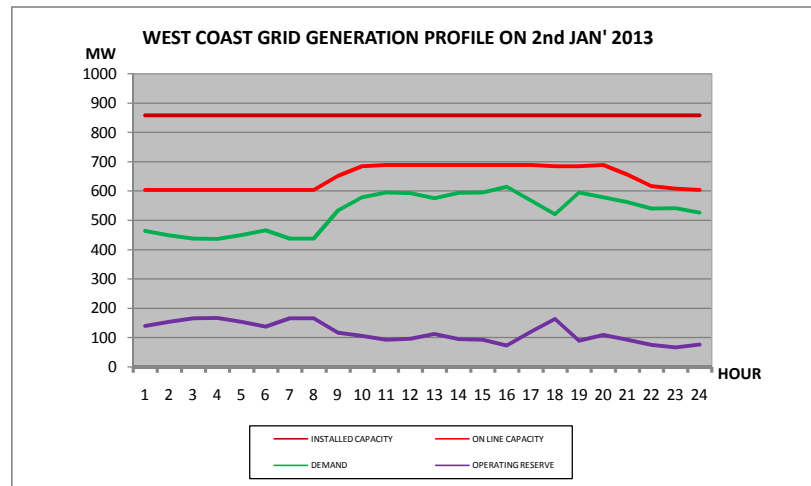
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		64	43	43	43	43	43	43	178	210.5	220.7	222.7	225.7	234.7	234.7	234.7	195.7	229.7	232.7	232.7	232.7	208	108	81	
DEMAND		180.48	169.97	166.57	166.74	170.9	178.43	163.2	198.69	232.37	243.03	245.29	244.6	237.38	247.31	255.34	251.73	247.34	238.84	261.74	257.87	252.98	244.7	217.03	200.85
OPERATING RESERVE		-116.48	-126.97	-123.57	-123.74	-127.9	-135.43	-120.2	-20.69	-21.87	-22.33	-22.59	-18.9	-2.68	-12.61	-20.64	-56.03	-17.64	-6.14	-29.04	-25.17	-20.28	-36.7	-109.03	-119.85
East Cost		6555.77	5070.55	4899.28	4476.26	4755.16	4766.37	4699.04	17798.9	22113.3	23216.6	24595.5	24370.2	23662.7	25672.6	27185.9	24385.3	25561	24884.8	26119.8	25520.8	25439.5	21681.2	11581.2	8974.92

EAST COAST GRID OPERATION



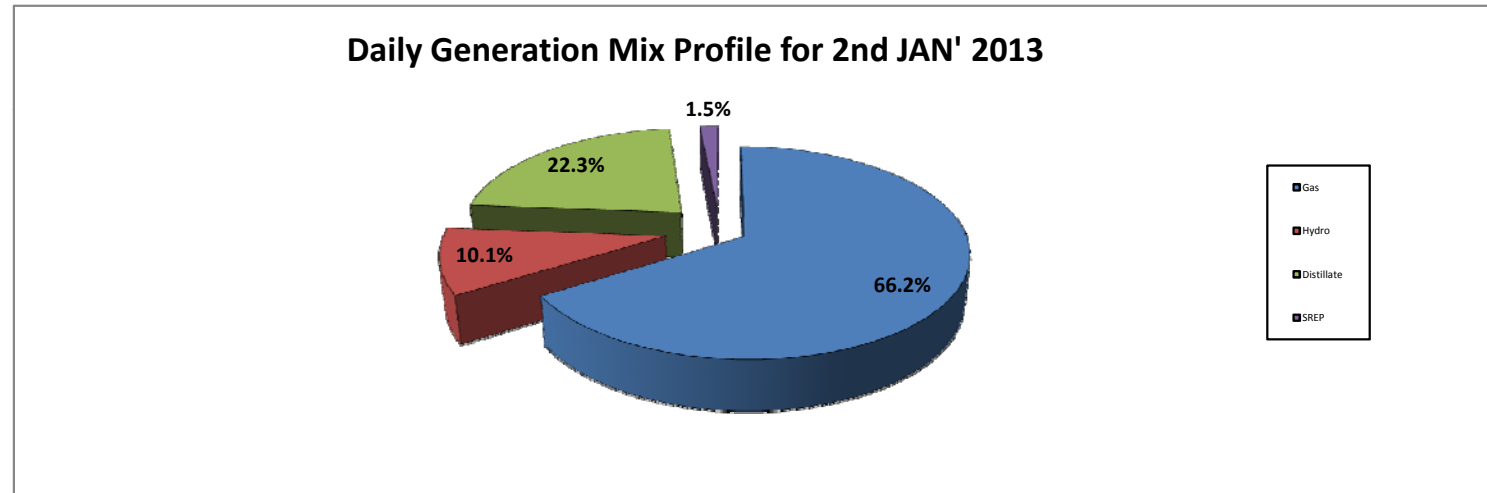
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		604.5	604.5	604.5	604.5	604.5	604.5	604.5	604.5	652	685.6	689.2	689.2	689.2	689.2	689.2	689.2	689.2	685	685	689.5	656.5	617.5	609	604.5
DEMAND		464.2	449.8	438.9	437.3	450.4	466.3	438.6	438.5	534.4	578.85	595.75	592.95	575.95	593.95	595.25	614.85	568.55	521.3	594.7	579.2	563	540.8	541.5	526.9
OPERATING RESERVE		140.3	154.7	165.6	167.2	154.1	138.2	165.9	166	117.6	106.75	93.45	96.25	113.25	95.25	93.95	74.35	120.65	163.7	90.3	110.3	93.5	76.7	67.5	77.6
West Cost		35070	34384.4	33985.3	33781.3	34561	35610.8	33889.5	33688.3	40686.8	45191.8	47017.9	46799.7	46035.1	46903.3	46729.4	48299.3	45082.7	41668.6	47075.4	46028	43522.2	40075.9	39340.7	37894.9

WEST COAST GRID OPERATION



Generation Mix Profile for 2nd January 2013

Gas	10,262 MWh
Hydro	1,560 MWh
Distillate	3,455 MWh
SREP	230 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,617.30 MWh	2,127.20 MWh	1,473.00 MWh	- MWh
IPP	1,837.90 MWh	8,134.40 MWh	87.10 MWh	- MWh
SREP	- MWh	- MWh	- MWh	229.60 MWh
TOTAL	3,455.20 MWh	10,261.60 MWh	1,560.10 MWh	229.60 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	10%	14%	9%	0%
IPP	12%	52%	1%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%
TOTALLY	15,506.50			

DIST (IPP)	12%
DIST (SESB)	10%
SREP	1%
GAS (SESB)	14%
GAS (IPP)	52%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

