

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (3rd JAN' 2013)	790 MW	767 MW	-2.96%
Maximum Energy (3rd JAN 2013)	15.8 MW	15.1 GWh	-4.43%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

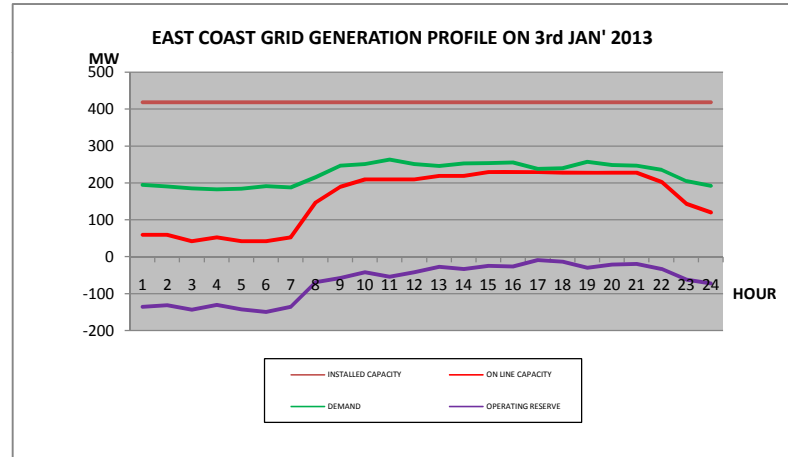
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

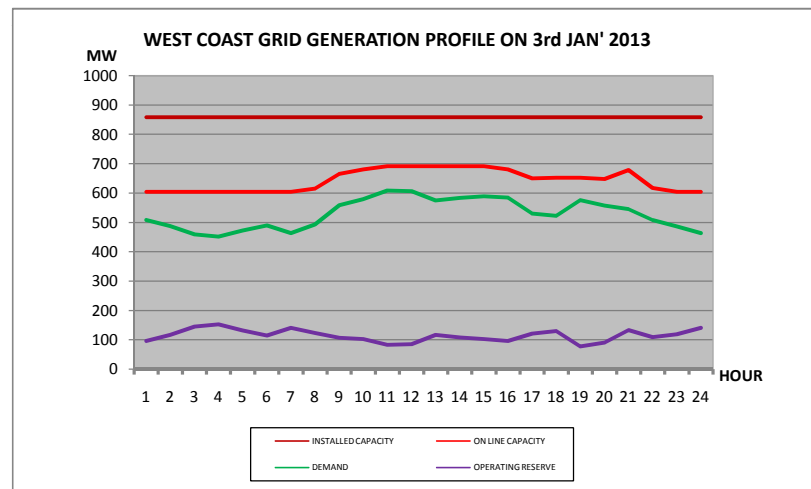
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		59	59	42	52	42	42	52	147	189.7	209.7	209.7	219.7	219.7	229.7	229.7	229.7	227.7	227.7	227.7	227.7	203	144	120	
DEMAND		194.74	190.26	185.78	182.83	184.56	191.8	187.99	215.57	247.42	251.77	263.55	251.75	246.46	253.14	253.84	255.45	238.31	240.44	257.1	248.61	247.03	235.65	205.66	192.54
OPERATING RESERVE		-135.74	-131.26	-143.78	-130.83	-142.56	-149.8	-135.99	-68.57	-57.72	-42.07	-53.85	-42.05	-26.76	-33.44	-24.14	-25.75	-8.61	-12.74	-29.4	-20.91	-19.33	-32.65	-61.66	-72.54
East Cost		5804.39	5788.99	3966.81	5591.74	4015.49	3982.08	6039.02	14475.4	21754.9	24269.9	24125.6	22034.5	22709.6	25652.2	27247.6	26705.2	27104	26671.7	26668.7	26330.5	26160.9	22287.8	16384.3	13445.2

EAST COAST GRID OPERATION



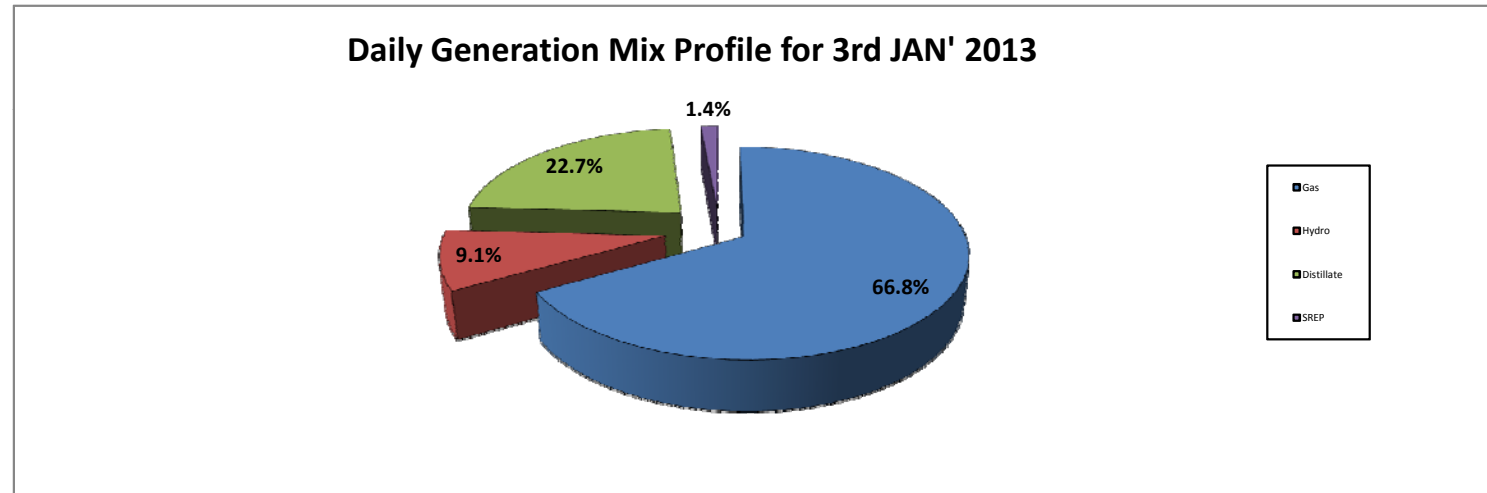
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	615.5	665.5	680.7	691.7	691.7	691.7	691.7	680.7	650.7	652.7	652.7	648.5	678.5	617.5	604.5	604.5	604.5
DEMAND		508.4	487.3	459	451.5	472.2	489.9	463.2	492.6	558.8	578.75	608.75	606.65	574.65	583.25	588.75	584.55	529.75	522.35	575.55	557.8	545.6	508.6	485.9	464
OPERATING RESERVE		96.1	117.2	145.5	153	132.3	114.6	141.3	122.9	106.7	101.95	82.95	85.05	117.05	108.45	102.95	96.15	120.95	130.35	77.15	90.7	132.9	108.9	118.6	140.5
West Cost		37256.2	36134	34377	34314.2	35634.6	36784.5	35334.2	37782.5	43633.2	46385.6	48474.1	48402.5	46209.4	47115.7	47402.3	46925.9	42347.3	41678.5	44976	42988.6	44150.3	38955.4	36575.3	35573.6

WEST COAST GRID OPERATION



Generation Mix Profile for 3rd January 2013

Gas	10,395 MWh
Hydro	1,412 MWh
Distillate	3,538 MWh
SREP	214 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,901.60 MWh	2,101.20 MWh	1,332.00 MWh	- MWh
IPP	1,636.50 MWh	8,293.40 MWh	79.90 MWh	- MWh
SREP	- MWh	- MWh	- MWh	213.50 MWh
TOTAL	3,538.10 MWh	10,394.60 MWh	1,411.90 MWh	213.50 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	12%	14%	9%	0%
IPP	11%	53%	1%	0%
SREP	0%	0%	0%	1%
TOTAL	100%	100%	100%	100%
TOTALLY	15,558.10			

DIST (IPP)	11%
DIST (SESB)	12%
SREP	1%
GAS (SESB)	14%
GAS (IPP)	53%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

