

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (5th JAN' 2013)	730 MW	726 MW	-0.60%
Maximum Energy (5th JAN 2013)	14.9 MW	14.3 GWh	-4.03%
Maximum Demand (record high 28/06/11)	800 MW	830 MW	3.76%

Prepared by:

Electricity Market Operations

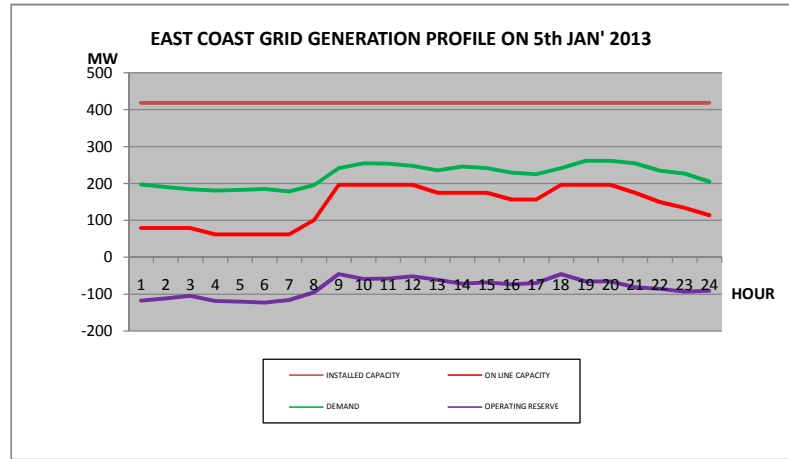
Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

11-Jan-13

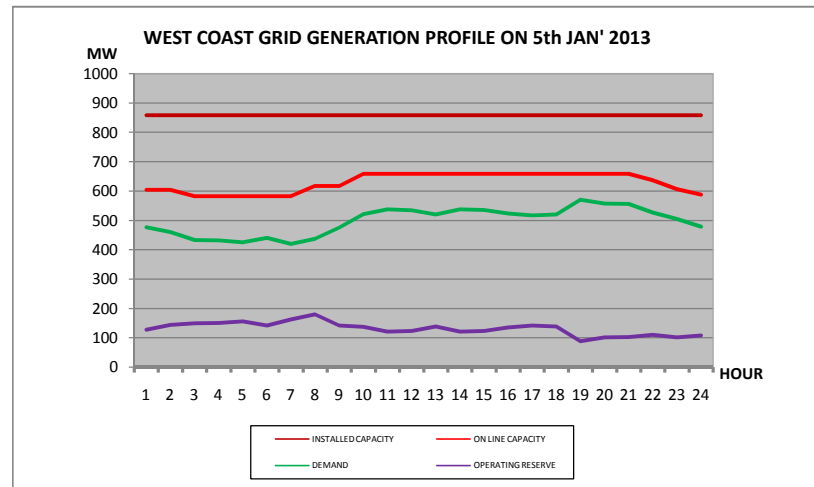
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		79	79	79	62	62	62	62	101	196	196	196	196	174	174	174	156	156	196	196	196	174	149	134	114
DEMAND		196.96	190.35	183.54	180.77	182.63	184.87	177.88	195.54	241.56	254.32	253.76	247.6	235.3	245.5	241.8	228.79	225.28	241.15	261.42	261.31	254.7	234.69	226.81	204.71
OPERATING RESERVE		-117.96	-111.35	-104.54	-118.77	-120.63	-122.87	-115.88	-94.54	-45.56	-58.32	-57.76	-51.6	-61.3	-71.5	-67.8	-72.79	-69.28	-45.15	-65.42	-65.31	-80.7	-85.69	-92.81	-90.71
East Cost		9917.69	9426.25	9951.19	8027.43	8239.93	7816.57	8163.93	11947.5	21768.1	22211.4	23802.3	23624.6	20765.5	21286.2	21043	18644.3	18445.1	23331.7	23356.8	23413.9	20521.4	17865	16801.5	13306.7

EAST COAST GRID OPERATION



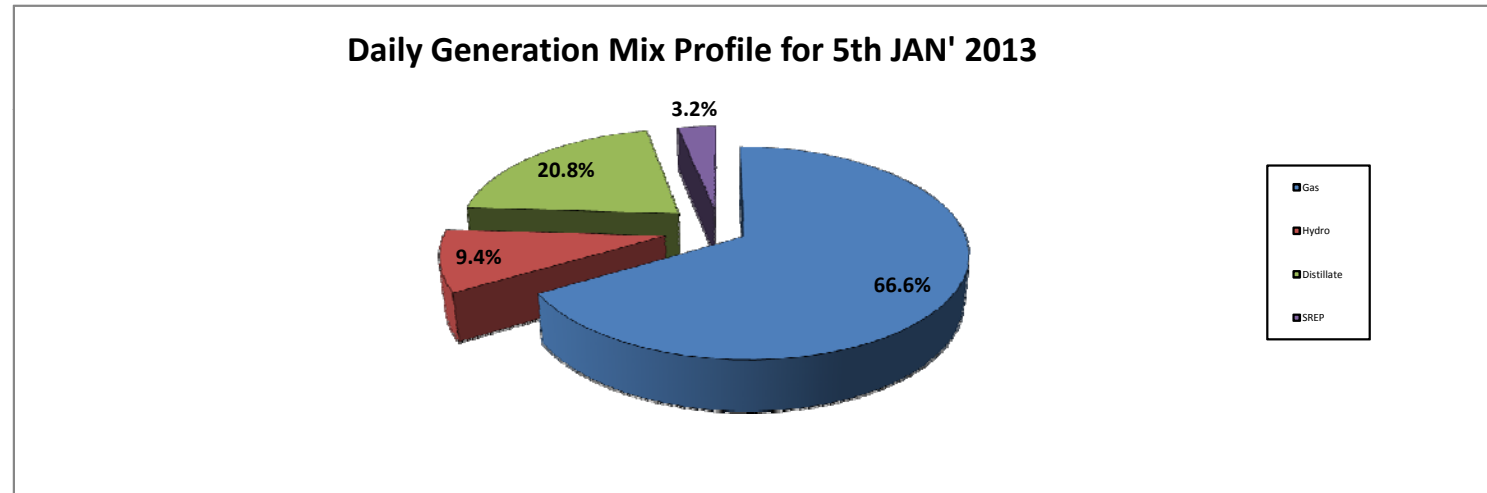
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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	582.5	582.5	582.5	582.5	582.5	617.5	617.5	658.5	658.5	658.5	658.5	658.5	658.5	658.5	658.5	658.5	658.5	658.5	658.5	636.5	606.5	587.5
DEMAND		476.6	460.4	432.7	432.2	425.9	440.7	420	437.3	475.4	521.5	538.1	535	520.1	537.9	535.4	523.8	517.1	520.1	570.5	557.3	556.6	526.6	505.5	479.2
OPERATING RESERVE		127.9	144.1	149.8	150.3	156.6	141.8	162.5	180.2	142.1	137	120.4	123.5	138.4	120.6	123.1	134.7	141.4	138.4	88	101.2	101.9	109.9	101	108.3
West Cost		35321.5	34089.8	33965.5	34249.3	33959.5	34576.2	33005.2	34569.3	37116.6	41332.7	42369.1	41993.1	41030.8	42778.2	42606.6	42150.6	41703.3	42014.9	44817.9	43805.3	43786.8	40847.8	38030.5	35176.6

WEST COAST GRID OPERATION



Generation Mix Profile for 5th January 2013

Gas	9,759 MWh
Hydro	1,383 MWh
Distillate	3,048 MWh
SREP	471 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	1,374.90 MWh	2,182.60 MWh	1,272.00 MWh	- MWh
IPP	1,673.40 MWh	7,575.90 MWh	111.40 MWh	- MWh
SREP	- MWh	- MWh	- MWh	471.00 MWh
TOTAL	3,048.30 MWh	9,758.50 MWh	1,383.40 MWh	471.00 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	9%	15%	9%	0%
IPP	11%	52%	1%	0%
SREP	0%	0%	0%	3%
TOTAL	100%	100%	100%	100%
TOTALLY	14,661.20			

DIST (IPP)	11%
DIST (SESB)	9%
SREP	3%
GAS (SESB)	15%
GAS (IPP)	52%
HYDRO (SESB)	9%
HYDRO (IPP)	1%
total	100%

