

GRID SYSTEM OPERATION SUMMARY (SABAH)

	FORECAST	ACTUAL	VARIANCE
Maximum Demand (30th MAY' 2013)	745 MW	694 MW	-6.87%
Maximum Energy (30th MAY' 2013)	15.8 MW	12.3 GWh	-22.15%
Maximum Demand (record high 27 MARCH' 2013)	860 MW	867 MW	0.77%

Prepared by:

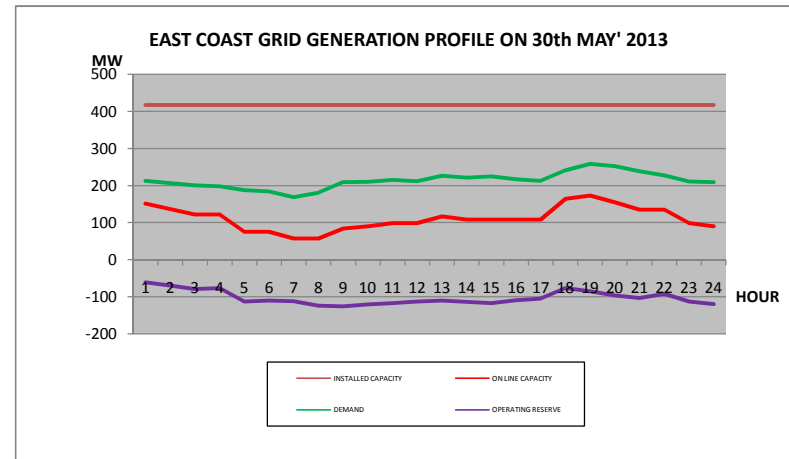
Electricity Market Operations

Electricity Supply & Market Regulations Dept.

Energy Commission Malaysia

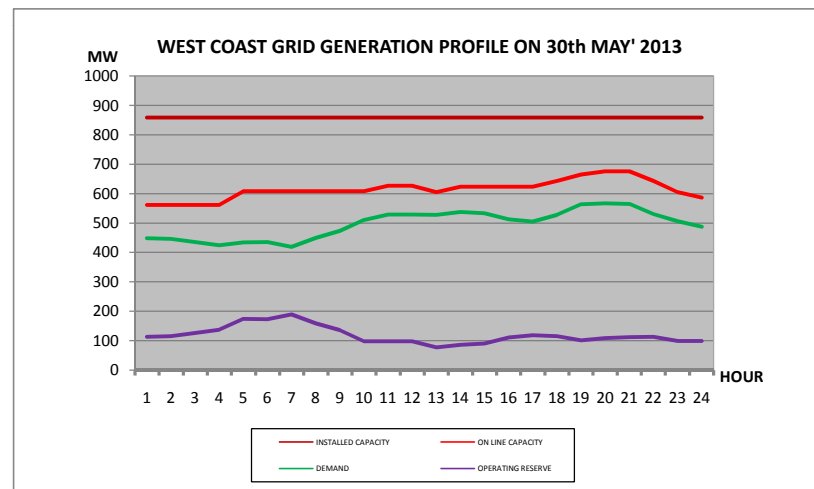
EAST COAST GRID																									
INSTALLED CAPACITY		417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	417.9	
ON LINE CAPACITY		152	137	122	122	75	75	57	57	84	90	99	99	117	108	108	108	108	164.5	173.5	155.5	135.5	135.5	99	90
DEMAND		213.08	206.45	200.96	198.41	187.75	184.74	168.93	180.81	209.44	209.88	215.47	211.94	226.63	221.47	225.05	216.77	212.94	240.72	258.21	252.15	238.7	227.38	211.37	209.58
OPERATING RESERVE		-61.08	-69.45	-78.96	-76.41	-112.75	-109.74	-111.93	-123.81	-125.44	-119.88	-116.47	-112.94	-109.63	-113.47	-117.05	-108.77	-104.94	-76.22	-84.71	-96.65	-103.2	-91.88	-112.37	-119.58
East Cost		18697.9	16096.4	15237.4	15314.4	10011.5	9490.88	8118.74	8040.98	10688.3	11126	12181.5	11865.1	14297.9	12864.5	12849.9	13224.9	13062.4	20223	21194.3	17983.9	15897.6	15243.5	12229.2	11387.1

EAST COAST GRID OPERATION



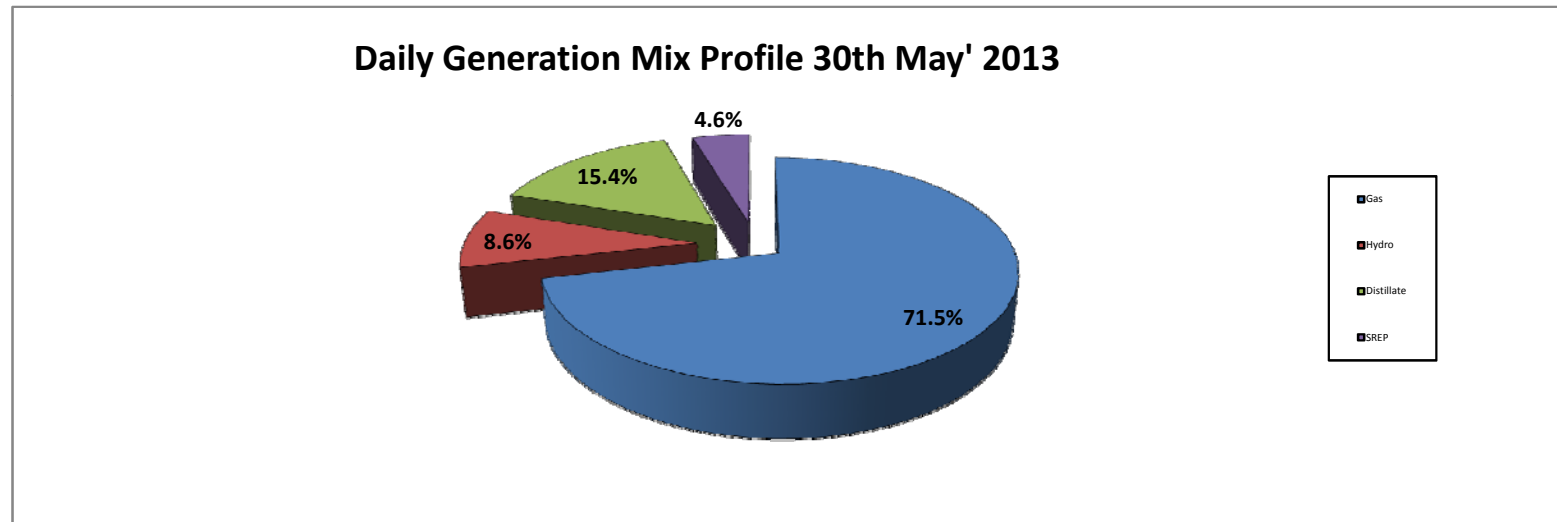
WEST COAST GRID																									
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>
INSTALLED CAPACITY		858.5	858.5	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		561.5	561.5	561.5	561.5	608.5	608.5	608.5	608.5	608.5	608.5	626.5	626.5	604.5	623.5	623.5	623.5	623.5	642.5	664.5	675.5	675.5	642.5	604.5	586.5
DEMAND		448.4	446.5	436	424.5	434.7	435.5	419.2	449.5	473	511	528.8	529	527.9	538	533.6	512.7	504.8	528	564.2	567	564.3	530	506.5	487.6
OPERATING RESERVE		113.1	115	125.5	137	173.8	173	189.3	159	135.5	97.5	97.7	97.5	76.6	85.5	89.9	110.8	118.7	114.5	100.3	108.5	111.2	112.5	98	98.9
West Cost		32754.8	32614.4	31939.9	31323.9	30922.5	30997.8	30162.5	32080.3	34224	36968.5	39157.5	39179.5	39915.2	41453.8	41401.6	40185.7	39563.1	42120.8	44968.3	45539.3	45242.9	42245	38580.2	36123.1

WEST COAST GRID OPERATION



Generation Mix Profile for 30th May 2013

Gas	10,015 MWh
Hydro	1,200 MWh
Distillate	2,152 MWh
SREP	647 MWh



	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	690.10 MWh	1,658.70 MWh	1,111.20 MWh	- MWh
IPP	1,462.00 MWh	8,355.80 MWh	89.10 MWh	- MWh
SREP	- MWh	- MWh	MWh	646.70 MWh
TOTAL	2,152.10 MWh	10,014.50 MWh	1,200.30 MWh	646.70 MWh

	DISTILLATE	GAS	HYDRO	BIOMASS
SESB	5%	12%	8%	0%
IPP	10%	60%	1%	0%
SREP	0%	0%	0%	5%
TOTAL	100%	100%	100%	100%
TOTALLY	14,013.60			

DIST (IPP)	10%
DIST (SESB)	5%
SREP	5%
GAS (SESB)	12%
GAS (IPP)	60%
HYDRO (SESB)	8%
HYDRO (IPP)	1%
total	100%

