

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,990 MW
Hydro	1,821 MW
Distillate	300 MW
Total TNB	7,561 MW
Total IPP	8,884 MW
Total Co-Gen	79 MW
System Total	16,524 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30

TNB Generation	6,513 MW
IPP Generation	8,329 MW
Total Set On Bus	15,861 MW
Maximum Demand	14,969 MW
Spinning Reserve	940 MW
Net Energy	315,382 MWH
Load Factor	87.8 %
Total Cost	66,569,504.03 RM
Cost per Unit	229.49 RM

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 MWH

Hourly System MW Generation

	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
System Total	12684	12154	11716	11349	11088	11012	11260	11382	11698	13277	13932	14689	14632	14056	14173	14875	14953	14539	13581	13572	14300	13946	13307	13035

Gas Usage

Station	(mmscfd)
CBPS	60
GLGR	65
PAKA	164
SRDG	38
TJGS	227
TNB Total	554
KLPP	97
MPSS	59
PDPS	3
PGLA	121
PLPS	94
PTEK	8
SGB3	38
SGRI	146
SKSP	55
YPGS	67
YPKA	131
IPP Total	818
Total Gas	1,371
Total Gas Required :	1,665
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	17
PDPS	39
PGPS	52
PKLG	69
PLPS	15
PTEK	8
SGB3	43
SGRI	49
Total	293

Generation Mix

Type	MWh	Percentage
ST-Coal	33,560.00	10.64 %
Gas	71,568.00	22.69 %
Hydro	24,311.00	7.71 %
Distillate	6,389.00	2.03 %
Total TNB	135,828.0	43.07 %
ST-Coal	43,280.0	13.72 %
ST-Oil	6,826.0	2.16 %
Gas	107,027.0	33.94 %
Distillate	19,559.0	6.20 %
Total IPP	176,692.0	56.02 %
Co-Gen	1,906.0	0.60 %
Total Co-Gen	1,906.0	0.60 %
Total Generation	314,426.0	99.70 %
PLTG	-258.0	-0.08 %
HVDC	-698.0	-0.22 %
Interconnection	-956.0	-0.30 %
Net Energy	315,382.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	530
Hydro	211
Syncon	120
Thermal	42
Total	903

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	33

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																									
SRev Distillate		69	63	65	67	66	66	67	56	62	96	78	35	26	32	35	36	33	34	143	108	85	213	216	219	334	251	335	338	282	278	107	206	228	153	308	322	323	309	202	160	202	227	254	216	129	100	117	64	
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		539	625	625	625	625	625	625	474	474	474	474	323	323	625	625	474	474	323	323	172	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	453	539	539	539	237	237	237	237	237	237	237	388	
Hydro		229	154	176	184	152	192	147	131	72	201	129	160	71	124	190	89	91	204	232	255	318	292	224	241	255	196	269	217	196	268	263	257	263	260	267	321	123	68	100	94	201	205	207	222	225	205	268	169	
S.Reserve Total		1285	1340	1297	1235	1311	1590	1678	1697	1892	1993	2035	2026	1856	1592	1578	2142	1896	1078	1230	1163	1153	1075	996	882	967	972	1200	1171	1079	1009	981	940	969	1083	1052	1143	1450	1532	1550	1053	953	960	995	1134	1246	1107	1199	1124	