

Availability At Daily Maximum Demand Hour

ST-Coal	2,030 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	4,452 MW
Hydro	1,901 MW
Distillate	0 MW
Total TNB	8,383 MW
Total IPP	11,444 MW
Total Co-Gen	0 MW
System Total	20,391 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,223 MW
IPP Generation	9,253 MW
Total Set On Bus	14,580 MW
Maximum Demand	13,525 MW
Spinning Reserve	1,029 MW
Net Energy	294,257 MWH
Load Factor	90.7 %
Total Cost	38,080,443 RM
Cost per Unit	13.15 cents/kWH

Maximum Demand Record

Date :	11/06/2014	16,901.0MW
Date :	24/06/2014	355,911.0MWH

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	12677	12195	11755	11466	11151	10879	10866	10691	10436	11471	12323	12911	12956	12781	12927	12965	12995	12728	12410	12555	13509	13451	13180	13018

Gas Usage

Station	(mmscfd)
CBPS	2
GLGR	58
SRDG	7
TJGS	215
TNB Total	282
KLPP	101
MPSS	1
PGLA	104
PKLG	3
PLPS	92
SGRI	161
SKSP	38
YPGS	68
YPKA	129
IPP Total	695
Total Gas	977
Total Gas Required :	977
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,444.00	16.46 %
Gas	39,451.00	13.41 %
Hydro	4,599.00	1.56 %
Total TNB	92,494.0	31.43 %
ST-Coal	108,110.0	36.74 %
Gas	91,897.0	31.23 %
Total IPP	200,007.0	67.97 %
Co-Gen	1,779.0	0.60 %
Total Co-Gen	1,779.0	0.60 %
Total Generation	294,280.0	100.01 %
PLTG	-708.0	-0.24 %
HVDC	731.0	0.25 %
Interconnection	23.0	0.01 %
Net Energy	294,257.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	332
Hydro	174
Syncon	592
Thermal	50
Total	1148

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Daily MW Generation On Saturday
02-Aug-2014

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 Co-Gen	1	-2	0	2	-2	0	-2	-2	-2	-2	-3	-1	-2	-1	-2	-3	-2	-1	-3	0	1	4	4	7	9	7	8	9	8	8	7	9	9	9	7	4	1	2	4	1	1	-2	-1	-1	2	0	1		
Syncon		642	730	730	730	730	730	730	730	730	579	730	730	579	730	730	580	643	730	580	580	342	343	643	643	643	643	643	643	643	643	492	730	730	730	730	579	493	493	580	493	493	579	730					
Hydro		167	168	172	165	172	157	167	168	174	174	175	301	179	163	299	164	156	256	164	169	159	158	152	154	162	151	281	147	111	117	162	117	116	157	160	291	166	161	162	134	359	297	158	167	169	168	289	124
S.Reserve Total		1130	1181	1496	1305	1258	1379	1472	1637	1814	1950	2048	2091	2016	2124	2168	2540	2455	1932	2223	1865	1381	1134	1015	1081	1011	1140	996	951	1001	985	1041	959	978	1026	1174	1401	1582	1726	1579	1081	1248	1029	938	1091	976	919	1046	1004