

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,681 MW
Hydro	1,854 MW
Distillate	130 MW
Total TNB	7,115 MW
Total IPP	12,156 MW
Total Co-Gen	79 MW
System Total	19,350 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	4,803 MW
IPP Generation	10,601 MW
Total Set On Bus	16,454 MW
Maximum Demand	15,420 MW
Spinning Reserve	971 MW
Net Energy	323,084 MWH
Load Factor	87.3 %

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	13096	12524	12119	11730	11477	11167	11093	11224	11690	13482	14249	15056	15017	14689	15118	15417	15416	14986	13957	13599	14507	14298	13806	13705

Gas Usage

Station	(mmscfd)
CBPS	29
GLGR	32
PAKA	99
PGPS	42
SRDG	23
TJGS	106
TNB Total	331
KLPP	68
MPSS	58
PGLA	111
PLPS	103
SGB3	56
SGRI	170
SKSP	54
YPKA	133

IPP Total 754
Total Gas 1,084
Total Gas Required : 1,226
Gas Calorific Value : 38,500
Alternate Fuel Usage

Station	(mmscfd)
KLPP	20
PDPS	14
PKLG	65
SGB3	15
SGRI	18
SRDG	9
Total	142

Generation Mix

Type	MWh	Percentage
ST-Coal	35,036.00	10.84 %
Gas	41,866.00	12.96 %
Hydro	17,784.00	5.50 %
Distillate	738.00	0.23 %
Total TNB	95,424.0	29.54 %
ST-Coal	113,427.0	35.11 %
ST-Oil	6,436.0	1.99 %
Gas	99,884.0	30.92 %
Distillate	7,815.0	2.42 %
Total IPP	227,562.0	70.43 %
Co-Gen	2,053.0	0.64 %
Total Co-Gen	2,053.0	0.64 %
Total Generation	325,039.0	100.61 %
PLTG	145.0	0.04 %
HVDC	1,810.0	0.56 %
Interconnection	1,955.0	0.61 %
Net Energy	323,084.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	330
Hydro	202
Syncon	232
Thermal	196
Total	960

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	35

Daily MW Generation On Thursday

15-Aug-2013

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
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT13	0	0	0	0	0	0	0	0	0	0	0	17	76	139	137	62	75	126	125	125	125	125	124	124
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	61	275	409	407	145	330	608	608	599	601	601	598	699
PCUF	CUFG	51	52	53	53	53	51	52	52	52	51	52	52	51	52	51	50	50	50	50	50	50	50	50	50
PCUF	CUFK	32	32	26	27	27	29	28	28	27	27	27	28	28	28	29	30	28	27	27	28	27	28	27	28
Total Co-Gen		83	84	79	80	80	80	81	78	79	79	80	79	78	79	78	77	77	78	76	76	77	78	79	77
Total Gen		13161	12865	12569	12317	12155	12062	11845	11634	11479	11315	11277	11258	11139	11293	11250	11241	11774	12795	13518	14124	14189	14822	15126	
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		30	30	31	31	30	31	30	30	31	31	31	29	31	29	31	29	29	29	29	29	31	30	30	30
TIE-PLTG		33	-77	12	6	5	1	84	-4	-30	59	78	13	16	29	-4	2	54	13	6	123	-90	6	40	
Interconnection		63	-47	43	37	35	32	114	26	1	90	109	44	45	60	25	33	83	42	35	152	-61	35	69	
System Total		13098	12912	12526	12280	12120	12030	11731	11608	11478	11225	11168	11214	11094	11233	11225	11208	11691	12693	13483	13972	14250	14787	15057	
SRev ST-Coal		220	213	258	234	209	253	263	220	210	211	213	211	210	214	212	222	209	215	211	218	209	214	205	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev ST-Oil		9	9	9	8	8	9	9	9	11	12	12	9	9	9	9	9	10	10	10	10	10	10	10	10
SRev CCGT-Gas		235	152	124	121	161	313	520	942	1068	1143	1115	1129	1245	1146	1190	1237	978	469	367	362	201	181	312	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
Syncon		237	237	237	539	625	625	625	625	625	726	726	726	726	726	474	625	625	625	388	388	151	151	151	
Hydro		215	180	311	213	191	219	259	106	147	247	197	214	212	153	148	361	145	109	113	179	174	162	290	
S.Reserve Total		1066	941	1089	1115	1194	1419	1676	1902	2061	2238	2263	2289	2402	2248	2285	2303	2185	1573	1337	1169	1256	893	1029	