

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,410 MW
Hydro	1,831 MW
Distillate	0 MW
Total TNB	7,381 MW
Total IPP	10,237 MW
Total Co-Gen	83 MW
System Total	18,265 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30	
TNB Generation	5,389 MW
IPP Generation	8,069 MW
Total Set On Bus	14,442 MW
Maximum Demand	13,646 MW
Spinning Reserve	901 MW
Net Energy	298,536 MWH
Load Factor	91.2 %

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	12693	12036	11701	11352	11069	10862	10808	10795	10711	11910	12812	13465	13437	13123	13327	13370	13274	12995	12564	12810	13383	13275	12990	12687

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	65
PAKA	151
SRDG	20
TJGS	109
TNB Total	402
KLPP	106
MPSS	58
PDPS	5
PGLA	114
PLPS	109
SGRI	215
SKSP	28
YPKA	134
IPP Total	767
Total Gas	1,169
Total Gas Required :	1,169
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,479.00	16.57 %
Gas	50,393.00	16.88 %
Hydro	13,573.00	4.55 %
Total TNB	113,445.0	38.00 %
ST-Coal	82,247.0	27.55 %
Gas	99,892.0	33.46 %
Total IPP	182,139.0	61.01 %
Co-Gen	2,034.0	0.68 %
Total Co-Gen	2,034.0	0.68 %
Total Generation	297,618.0	99.69 %
PLTG	-217.0	-0.07 %
HVDC	-701.0	-0.23 %
Interconnection	-918.0	-0.31 %
Net Energy	298,536.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	219
Hydro	154
Syncon	421
Thermal	109
Total	903

Weather Temperature

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	32

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																										
Total Co-Gen		88	85	88	89	88	89	86	87	88	86	87	84	82	81	81	78	80	82	82	85	82	83	83	84	83	83	85	86	84	83	84	83	85	85	86	83	84	83												
Total Gen		12613	12483	12024	11907	11675	11603	11316	11123	11052	10972	10806	10693	10711	10922	10833	10700	10652	11239	11917	12370	12731	13211	13474	13486	13446	13205	13106	13113	13276	13253	13318	13206	13195	13163	12953	12613	12535	12512	12734	13541	13398	13452	13271	13249	12923	12728	12673	12526		
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	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		-29	-29	-29	-29	-30	-30	-29	-29	-29	-30	-30	-30	-30	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29		
TIE-PLTG		-51	32	17	-12	3	-31	-6	17	12	45	-27	-129	-67	-42	68	202	-31	-21	35	-53	-52	3	38	-21	38	-24	11	-9	-21	-37	-23	-25	-50	40	-13	-2	1	-11	-47	-76	44	-52	27	-20	-37	-83	16	-11		
Interconnection		-80	3	-12	-41	-26	-61	-36	-12	-17	16	-56	-159	-97	-72	38	174	-59	-49	7	-82	-81	-26	9	-50	9	-52	-17	-39	-51	-66	-52	-54	-79	11	-42	-32	-29	-40	-76	-105	15	-81	-4	-51	-67	-111	-14	-41		
System Total		12693	12480	12036	11948	11701	11664	11352	11135	11069	10956	10862	10852	10808	10994	10795	10526	10711	11288	11910	12452	12812	13237	13465	13536	13437	13257	13123	13152	13327	13319	13370	13260	13274	13152	12995	12645	12564	12552	12810	13646	13383	13533	13275	13300	12990	12839	12687	12567		
SRev ST-Coal		116	162	152	158	152	127	141	198	182	145	139	134	127	137	150	153	180	123	137	137	142	136	127	132	130	132	131	137	134	138	128	136	136	134	130	134	134	143	131	143	139	139	143	150	136	140	144	137		
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	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
SRev CCGT-Gas		448	274	411	516	706	726	994	1065	1154	1363	1523	1500	1419	1206	1263	1579	1545	1091	520	400	304	135	250	223	259	229	318	265	171	182	189	196	172	206	242	508	577	605	412	116	273	124	195	217	168	361	84	108		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	36	35	35	70	72	72	69	68	68	69	30	30	0	0	0	0	0	0	126	6	3	5	5	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	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		726	726	726	726	575	726	726	726	726	726	726	726	726	726	726	726	625	474	474	474	474	474	474	474	474	625	625	625	474	474	474	474	474	474	625	625	625	625	323	323	625	625	625	625	625	474	625			
Hydro		134	140	130	131	250	125	130	130	111	251	110	112	112	101	122	137	135	126	205	376	281	92	154	225	228	140	141	231	173	178	118	214	180	207	209	128	139	126	108	193	304	105	216	212	77	72	102	80		
S.Reserve Total		1424	1302	1419	1531	1683	1704	1991	2119	2173	2334	2498	2472	2384	2170	2261	2395	2586	2066	1487	1387	1201	868	1051	1089	1126	1196	1287	1330	1021	1040	977	1089	992	1051	1055	1395	1475	1499	1276	901	1045	996	1184	1209	1006	1198	804	950		