

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,176 MW
Hydro	1,823 MW
Distillate	0 MW
Total TNB	8,209 MW
Total IPP	10,222 MW
Total Co-Gen	42 MW
System Total	18,753 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30		
TNB Generation	5,969 MW	
IPP Generation	8,674 MW	
Total Set On Bus	15,726 MW	
Maximum Demand	14,706 MW	
Spinning Reserve	1,041 MW	
Net Energy	305,617 MWH	
Load Factor	86.6 %	

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	11988	11513	11154	10902	10598	10506	10556	10782	11048	12731	13644	14405	14656	13787	14159	14700	14556	14147	13226	13292	13935	13399	12966	12545

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	57
PAKA	134
PGPS	52
SRDG	7
TJGS	206
TNB Total	505
KLPP	70
MPSS	54
PGLA	97
PKLG	8
PLPS	77
SGB3	89
SGRI	76
SKSP	55
YPGS	0
YPKA	138
IPP Total	664
Total Gas	1,169
Total Gas Required :	1,169
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,454.00	16.18 %
Gas	66,068.00	21.62 %
Hydro	8,198.00	2.68 %
Total TNB	123,720.0	40.48 %
ST-Coal	94,030.0	30.77 %
Gas	86,226.0	28.21 %
Total IPP	180,256.0	58.98 %
Co-Gen	1,309.0	0.43 %
Total Co-Gen	1,309.0	0.43 %
Total Generation	305,285.0	99.89 %
PLTG	365.0	0.12 %
HVDC	-697.0	-0.23 %
Interconnection	-332.0	-0.11 %
Net Energy	305,617.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	318
Hydro	221
Syncon	532
Thermal	52
Total	1123

Weather Temperature

Weather	Temperature
Morning	Sunny 28
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																													
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	-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	64	7	-69	-37	39	-130	-4	42	36	37	-76	-139	-47	-40	29	-20	16	151	160	106	139	64	-9	-94	63	-21	-30	151	22	-34	-27	8	69	-15	3	2	31	98	110	27	8	41	-42	15	74	-90	1	11					
Interconnection	35	-22	-98	-66	30	-159	-33	13	8	8	-105	-169	-76	-69	0	-50	-13	122	132	78	110	35	-38	-123	34	-50	-59	122	-7	-63	-56	-21	40	-44	-26	-27	2	69	81	-2	-21	11	-72	-14	45	-119	-28	-19					
System Total	11988	11929	11513	11392	11154	11178	10902	10694	10598	10549	10506	10518	10556	10705	10782	10739	11048	11902	12731	13258	13644	13902	14405	14584	14656	14169	13787	13656	14159	14536	14700	14706	14556	14657	14147	13777	13226	13111	13292	13916	13935	13665	13399	13296	12966	12940	12545	12480					
SRev ST-Coal	27	-2	-15	29	-51	-151	30	43	236	233	448	479	540	449	237	256	255	51	-44	-29	19	14	-22	40	38	51	25	21	24	18	27	15	31	17	7	22	23	13	11	5	17	71	253	317	339	365	295	172					
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	0		
SRev ST-Oil	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	0	0	
SRev CCGT-Gas	1039	1191	1684	1750	1952	2010	1826	1949	1870	1890	1878	1865	1619	1515	1547	1703	2113	1594	944	674	408	381	344	310	203	413	658	571	536	371	282	260	267	199	256	328	619	668	497	194	180	266	326	230	351	193	223	235					
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	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 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	0	0	0	0
Syncon	726	726	726	726	726	726	726	575	726	575	726	726	726	726	575	726	726	726	726	726	640	640	489	489	489	640	640	726	575	575	575	575	575	575	575	575	575	726	726	575	575	575	726	726	726	726	726	726	575				
Hydro	124	115	130	110	128	110	109	122	253	141	242	113	108	106	124	256	126	131	119	138	125	163	363	293	228	124	514	272	192	295	201	193	257	237	444	249	125	127	257	276	277	223	220	110	126	100	117	187					
S.Reserve Total	2066	2180	2675	2765	2905	2845	2841	2990	3084	3140	3293	3333	3143	2946	2784	2940	3370	2652	1895	1659	1342	1405	1171	1127	953	1252	1665	1616	1353	1256	1083	1041	1133	1030	1476	1174	1493	1534	1340	1050	1049	1286	1525	1383	1542	1384	1411	1169					