

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	150	MW
Gas	4,051	MW
Hydro	1,923	MW
Distillate	60	MW
Total TNB	8,164	MW
Total IPP	10,552	MW
Total Co-Gen	87	MW
System Total	19,363	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,652 MW
IPP Generation	8,529 MW
Total Set On Bus	15,075 MW
Maximum Demand	14,259 MW
Spinning Reserve	807 MW
Net Energy	290,208 MWH
Load Factor	84.8 %

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	10946	10408	9966	9561	9270	9304	9538	9953	10429	12217	13139	13904	13874	13427	13907	14203	14259	13817	12741	12583	13352	13206	12809	12454

Gas Usage

Station	(mmscfd)
CBPS	34
GLGR	57
PAKA	10
PGPS	51
SRDG	6
TJGS	197
TNB Total	356
KLPP	92
MPSS	20
PGLA	87
PLPS	107
SGB3	66
SGRI	38
SKSP	48
YPGS	68
YPKA	95
IPP Total	621
Total Gas	977

Total Gas Required : 977
Gas Calorific Value : 38.500
Generation Mix

Type	MWh	Percentage
ST-Coal	45,934.00	15.83 %
Gas	48,682.00	16.77 %
Hydro	19,377.00	6.68 %
Total TNB	113,993.0	39.28 %
ST-Coal	91,782.0	31.63 %
Gas	82,898.0	28.57 %
Total IPP	174,680.0	60.19 %
Co-Gen	2,262.0	0.78 %
Total Co-Gen	2,262.0	0.78 %
Total Generation	290,935.0	100.25 %
PLTG	92.0	0.03 %
HVDC	635.0	0.22 %
Interconnection	727.0	0.25 %
Net Energy	290,208.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	303
Hydro	205
Syncon	348
Thermal	47
Total	903

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 31

Daily MW Generation On Monday

30-Jan-2012

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-PLTG	-41	12	-27	-40	-111	-75	-72	-84	46	38	-45	-44	36	-30	47	55	97	-14	-48	-23	23	-57	-5	9	-3	51	57	-46	-40	-20	-4	-21	-21	79	57	110	-39	-1	0	5	-11	-13	22	5	8	-88	18	15				
Interconnection	-70	-17	-56	-9	-80	-44	-43	-55	77	69	-16	-15	67	1	77	85	126	15	-17	8	53	-27	25	39	27	81	87	-16	-10	10	27	10	9	109	88	141	-9	29	30	35	19	17	53	36	38	-58	47	44				
System Total	10946	10600	10408	10079	9966	9826	9561	9446	9270	9194	9304	9534	9538	9904	9953	9943	10429	11416	12217	12763	13139	13533	13904	13975	13874	13569	13427	13565	13907	14210	14203	14093	14259	14032	13817	13267	12741	12612	12583	13102	13352	13467	13206	13190	12809	12881	12454	12158				
SRev ST-Coal	43	188	310	428	426	431	434	451	453	473	455	452	451	453	430	440	432	124	49	53	45	47	56	59	58	66	57	56	61	54	59	56	55	69	94	46	75	72	82	73	54	38	55	45	22	1	-54	-45				
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	600	544	578	495	604	711	1110	1225	1456	1417	1627	1647	1539	1271	1228	1493	1031	1047	635	651	406	478	246	271	418	621	660	480	240	142	131	260	105	242	277	411	741	840	861	515	408	312	404	330	428	386	744	1031				
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	
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	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
Syncon	323	474	625	625	625	625	625	625	625	625	625	625	625	474	474	474	625	625	625	323	474	474	474	323	323	474	474	625	474	323	323	323	323	323	323	323	323	625	625	625	323	323	323	474	474	625	625	625	625	625		
Hydro	189	180	107	141	110	105	109	90	17	121	122	114	118	240	123	123	119	123	116	147	227	314	176	274	249	227	205	200	238	298	293	294	289	303	251	254	118	116	113	190	233	231	196	192	185	107	125	131				
S.Reserve Total	1155	1386	1620	1689	1765	1872	2278	2391	2551	2636	2829	2838	2733	2438	2255	2530	2207	1919	1425	1174	1152	1313	952	971	1083	1423	1432	1396	1049	851	842	968	807	972	945	1034	1559	1653	1681	1101	1018	904	1129	1041	1260	1119	1440	1742				