

Availability At Daily Maximum Demand Hour

ST-Coal	1,620	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,017	MW
Hydro	1,614	MW
Distillate	60	MW
Total TNB	7,311	MW
Total IPP	11,712	MW
Total Co-Gen	61	MW
System Total	19,084	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30		
TNB Generation	4,916	MW
IPP Generation	9,322	MW
Total Set On Bus	15,205	MW
Maximum Demand	14,405	MW
Spinning Reserve	899	MW
Net Energy	300,631	MWH
Load Factor	87.0	%

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	11904	11189	10877	10624	10374	10248	10393	10359	11150	12791	13675	14208	14195	13785	13795	14245	14350	14145	13182	13337	13698	13281	12918	12331

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	62
PAKA	49
PGPS	24
SRDG	30
TJGS	158
TNB Total	375

Alternate Fuel Usage

Station	(mmscfd)
PKLG	68
Total	68

Generation Mix

Type	MWh	Percentage
ST-Coal	39,492.00	13.14 %
Gas	50,120.00	16.67 %
Hydro	9,638.00	3.21 %
Total TNB	99,250.0	33.01 %
ST-Coal	110,267.0	36.68 %
ST-Oil	6,479.0	2.16 %
Gas	82,055.0	27.29 %
Total IPP	198,801.0	66.13 %
Co-Gen	1,614.0	0.54 %
Total Co-Gen	1,614.0	0.54 %
Total Generation	299,665.0	99.68 %
PLTG	-270.0	-0.09 %
HVDC	-696.0	-0.23 %
Interconnection	-966.0	-0.32 %
Net Energy	300,631.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	269
Hydro	126
Syncon	508
Thermal	77
Total	981

KLPP	90
MPSS	44
PKLG	1
PLPS	102
SGB3	79
SGRI	70
SKSP	52
YPGS	34
YPKA	140
IPP Total	612
Total Gas	987

Total Gas Required : 1,055
Gas Calorific Value : 38.500

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Cloudy 33

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																										
PCUF	CUFG	26	25	26	26	23	24	25	25	25	25	25	24	25	24	24	24	26	25	25	25	25	26	25	25	26	24	24	25	25	24	24	25	24	25	24	25	25													
PCUF	CUFK	32	32	41	41	42	42	41	41	42	42	42	42	44	44	44	38	38	42	42	42	42	43	43	45	45	38	38	41	41	44	44	41	41	41	41	42	42	39	39	41	41	43	43	42	42	41	41			
Total Co-Gen		58	57	67	67	65	66	66	67	67	67	67	66	69	68	68	62	62	68	67	66	66	69	68	70	70	64	63	65	66	69	69	66	66	67	66	67	68	63	63	66	66	67	67	67	66	66	66			
Total Gen		11859	11498	11326	10975	10714	10644	10515	10386	10326	10259	10183	10259	10279	10735	10394	11062	11090	11861	12870	13184	13663	13859	14106	14306	14115	13914	13638	13793	13888	14317	14258	14293	14300	14253	14051	13496	13163	13034	13210	13733	13701	13606	13318	13072	12878	12655	12381	12212		
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	0		
TIE-HVDC		-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-30	-29	-29	-29	-30	-29	-29	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29		
TIE-PLTG		-16	-33	166	-1	-133	32	-80	-98	-20	-53	-37	-69	-85	11	64	-121	-31	-76	108	115	16	37	-73	-70	-51	-31	-118	35	123	57	42	8	-21	-13	-64	-45	10	17	-97	16	31	54	67	-23	-11	32	79	-25		
Interconnection		-45	-62	137	-30	-163	2	-109	-127	-48	-81	-65	-97	-114	-18	35	-150	-60	-105	79	86	-12	9	-102	-99	-80	-60	-147	6	93	27	13	-21	-50	-42	-94	-74	-19	-12	-127	-13	3	25	37	-52	-40	3	50	-54		
System Total		11904	11560	11189	11005	10877	10642	10624	10513	10374	10340	10248	10356	10393	10753	10359	11212	11150	11966	12791	13098	13675	13850	14208	14405	14195	13974	13785	13787	13795	14290	14245	14314	14350	14295	14145	13570	13182	13046	13337	13746	13698	13581	13281	13124	12918	12652	12331	12266		
SRev ST-Coal		62	60	426	490	493	566	568	567	567	587	596	594	581	579	568	388	389	98	30	34	22	30	18	24	18	46	42	-58	64	57	56	3	9	-20	40	47	45	48	42	43	47	60	62	46	69	59	-53	40		
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 ST-Oil		54	55	55	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	55	55	54	54	54	55	54	28	28			
SRev CCGT-Gas		556	484	182	181	206	97	145	152	191	104	95	58	57	62	402	57	430	1021	488	643	232	167	221	160	190	140	185	130	133	131	258	221	208	279	220	258	454	594	410	131	132	195	399	422	466	417	593	359		
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	
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
SRev Co-Gen		-4	6	-5	-5	-6	-4	-5	-4	-7	-6	-6	-8	-6	-9	-9	-6	-1	-1	-8	-6	-6	-6	-6	-7	-7	-9	-1	-2	-9	-5	-8	-9	-4	-4	-3	-6	-7	-5	-3	-3	-6	-6	-7	-7	-5	-6	-3	-4		
Syncon		731	731	731	731	580	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731	731		
Hydro		88	82	128	125	243	115	128	114	131	134	119	82	75	216	363	70	123	95	168	135	103	969	886	899	1007	1063	1233	1075	1105	1032	1191	1046	1041	1087	1155	1137	1310	1441	1262	791	998	1117	1294	1292	1363	1312	1362	1036		
S.Reserve Total		1487	1418	1517	1576	1570	1559	1621	1614	1667	1604	1589	1511	1492	1331	1807	1294	1726	1998	1463	1485	1030	969	886	899	1007	1063	1233	1075	1105	1032	1191	1046	1041	1087	1155	1137	1310	1441	1262	791	998	1117	1294	1292	1363	1312	1362	1036		