

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,406 MW
Hydro	1,822 MW
Distillate	60 MW
Total TNB	8,418 MW
Total IPP	11,620 MW
Total Co-Gen	71 MW
System Total	20,659 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00	
TNB Generation	5,776 MW
IPP Generation	9,402 MW
Total Set On Bus	16,361 MW
Maximum Demand	15,302 MW
Spinning Reserve	1,112 MW
Net Energy	315,962 MWH
Load Factor	86.0 %

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	12472	11830	11433	10930	10624	10694	11138	11003	11395	13159	14133	14623	14663	14463	15058	15302	15298	14952	13798	13438	14379	14224	13675	13212

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	56
PGPS	49
SRDG	19
TJGS	195
TNB Total	367
KLPP	102
MPSS	52
PGLA	86
PKLG	1
PLPS	109
SGB3	87
SGRI	48
YPGS	34
YPKA	137
IPP Total	656
Total Gas	1,023
Total Gas Required :	1,023
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,193.00	14.94 %
Gas	48,516.00	15.36 %
Hydro	20,195.00	6.39 %
Total TNB	115,904.0	36.68 %
ST-Coal	112,364.0	35.56 %
ST-Oil	129.0	0.04 %
Gas	85,132.0	26.94 %
Total IPP	197,625.0	62.55 %
Co-Gen	1,879.0	0.59 %
Total Co-Gen	1,879.0	0.59 %
Total Generation	315,408.0	99.82 %
PLTG	-265.0	-0.08 %
HVDC	-289.0	-0.09 %
Interconnection	-554.0	-0.18 %
Net Energy	315,962.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	365
Hydro	218
Syncon	314
Thermal	56
Total	952

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	31

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	77	77	79	78	77	75	76	76	75	77	77	80	78	76	76	76	78	77	77	78	75	72	72	72	73	72	72	71	72	71	72	73	74	76	77	78	79	78	78	76	76	76	77	78	77	78	77				
Total Gen	12362	11993	11815	11518	11324	11133	10965	10760	10699	10682	10668	10718	11048	11094	11082	10966	11377	12483	13219	13594	14081	14480	14595	14814	14582	14389	14361	14614	15028	15348	15249	15188	15220	15085	14854	14125	13748	13366	13378	13983	14456	14406	14342	14170	13804	13643	13233	12781			
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	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	-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	-81	-9	14	21	-80	-6	64	-5	104	-45	3	-142	-61	-61	108	78	11	49	89	-18	-22	-36	1	-59	-52	-145	-73	-31	-1	100	-24	86	-49	-22	-68	-69	-21	28	-31	-52	-23	1	18	2	30	-115	-68	-244			
Interconnection	-110	-38	-15	-8	-109	-35	35	-34	75	-74	-26	-171	-90	-90	79	49	-18	20	60	-48	-52	-65	-28	-88	-81	-174	-102	-60	-30	71	-53	57	-78	-52	-98	-98	-50	-1	-60	-23	77	101	118	101	129	-145	21	-273			
System Total	12472	12031	11830	11526	11433	11168	10930	10794	10624	10756	10694	10889	11138	11184	11003	10917	11395	12463	13159	13642	14133	14545	14623	14902	14663	14563	14463	14674	15058	15277	15302	15131	15298	15137	14952	14223	13798	13367	13438	14006	14379	14305	14224	14069	13675	13788	13212	13054			
SRev ST-Coal	125	127	132	133	124	123	128	268	263	376	416	421	304	205	148	303	138	67	80	71	111	45	61	67	53	57	63	63	75	81	63	51	35	78	91	87	99	87	88	106	56	55	66	55	35	61	53	41			
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	588	969	1042	1154	1385	1570	1608	1613	1621	1611	1613	1610	1607	1605	1619	1644	1549	932	689	603	569	281	233	244	223	393	388	202	220	227	213	273	266	294	327	812	897	1108	1098	748	381	391	363	514	455	369	695	588			
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	
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
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
Syncon	453	453	453	539	539	539	539	499	650	650	650	650	348	650	650	499	539	388	302	453	453	453	302	604	604	604	604	302	86	388	302	302	302	302	302	453	453	453	453	302	302	302	453	539	539	625	323				
Hydro	193	177	173	104	68	78	90	194	97	123	151	113	253	59	145	316	265	267	87	79	198	164	273	219	182	55	81	137	197	473	276	319	233	234	215	218	198	192	188	65	238	279	210	92	140	30	37	209			
S.Reserve Total	1359	1726	1885	2015	2201	2395	2450	2659	2716	2845	2915	2879	2597	2604	2647	2847	2576	1739	1243	1291	1416	1028	1181	958	1190	1234	1261	1133	973	1014	1112	1174	1010	1016	1119	1419	1647	1840	1827	1372	977	1027	941	1114	1169	999	1410	1161			