

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,711	MW
Hydro	1,602	MW
Distillate	0	MW
Total TNB	7,453	MW
Total IPP	10,859	MW
Total Co-Gen	76	MW
System Total	18,388	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,358	MW
IPP Generation	9,441	MW
Total Set On Bus	15,909	MW
Maximum Demand	14,959	MW
Spinning Reserve	1,034	MW
Net Energy	318,100	MWH
Load Factor	88.6	%

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	12897	12145	11777	11448	11220	11390	11420	11341	11744	13291	14064	14546	14537	14246	14733	14820	14853	14371	13723	13623	13964	14334	13900	13582

Gas Usage

Station	(mmscfd)
GLGR	56
PAKA	155
PGPS	51
SRDG	32
TJGS	110
TNB Total	404
KLPP	66
MPSS	53
PGLA	94
PKLG	117
PLPS	98
SGB3	37
SGRI	170
YPGS	70
YPKA	133
IPP Total	839
Total Gas	1,243

Total Gas Required : 1,243
Gas Calorific Value : 38,500
Generation Mix

Type	MWh	Percentage
ST-Coal	49,616.00	15.60 %
Gas	50,741.00	15.95 %
Hydro	10,564.00	3.32 %
Total TNB	110,921.0	34.87 %
ST-Coal	98,879.0	31.08 %
ST-Gas	10,344.0	3.25 %
Gas	95,131.0	29.91 %
Total IPP	204,354.0	64.24 %
Co-Gen	2,073.0	0.65 %
Total Co-Gen	2,073.0	0.65 %
Total Generation	317,348.0	99.76 %
PLTG	-54.0	-0.02 %
HVDC	-698.0	-0.22 %
Interconnection	-752.0	-0.24 %
Net Energy	318,100.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	243
Hydro	199
Syncon	383
Thermal	135
Total	961

Weather
Temperature

Morning	Rainy	25
Afternoon	Cloudy	34

Daily MW Generation On Thursday

18-Jul-2013

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																										
TMGR	HY04	31	43	45	46	39	43	39	45	44	50	46	41	50	44	45	42	42	32	35	37	35	38	36	78	34	33	0	0	0	0	77	77	77	36	37	79	76	74	72	73	78	76	38	35	35	0	0			
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		181	200	204	226	189	221	190	221	206	231	222	194	251	230	200	189	236	282	353	430	418	558	537	811	560	437	341	443	628	786	669	769	835	788	413	402	582	494	463	613	602	882	848	801	572	494	348	346		
PCUF	CUPG	51	54	52	53	53	52	52	54	53	51	52	53	53	52	53	52	53	52	53	52	53	52	53	52	53	53	53	49	45	50	48	48	50	51	50	50	51	51	53	53	53	54	53	53	52	52	52			
PCUF	CUFK	36	35	34	35	35	28	29	29	29	29	29	27	29	29	29	28	28	30	28	27	29	28	28	27	29	27	27	27	28	26	27	26	25	26	26	26	27	29	28	29	29	28	29	30	29	28	30	30		
Total Co-Gen		87	89	86	88	88	80	81	83	82	80	81	80	82	81	80	81	80	81	80	81	79	82	80	80	76	73	76	75	74	75	77	76	76	78	80	79	82	82	82	82	82	83	81	80	82	82	82			
Total Gen		12968	12467	12132	11873	11718	11625	11455	11230	11246	11355	11326	11303	11330	11397	11301	11287	11634	12683	13267	13799	14001	14340	14481	14720	14444	14230	14202	14347	14651	14875	14778	14801	14770	14723	14339	13977	13684	13623	13574	13852	13924	14310	14290	14189	13854	13743	13573	13237		
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	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-28	-28	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-30	-29	-30	-29	-29	-29	-29		
TIE-PLTG		100	-17	16	20	-30	23	36	-23	55	0	-35	-25	-61	-55	-11	2	-81	-23	6	17	-33	-78	-37	-1	-65	-54	-15	-44	-53	-55	-12	-74	-54	5	-3	39	-10	30	-20	65	-10	-86	-15	-9	-16	-25	20	-8		
Interconnection		71	-46	-13	-9	-59	-6	7	-52	26	-29	-64	-54	-90	-84	-40	-27	-110	-55	-24	-13	-63	-106	-65	-29	-93	-83	-44	-73	-82	-84	-42	-103	-83	-24	-32	10	-39	1	-49	35	-40	-115	-44	-39	-46	-54	-9	-37		
System Total		12897	12513	12145	11882	11777	11631	11448	11282	11220	11384	11390	11357	11420	11481	11341	11314	11744	12736	13291	13812	14064	14446	14546	14749	14537	14313	14246	14420	14733	14959	14820	14904	14853	14747	14371	13967	13723	13622	13623	13817	13964	14425	14334	14228	13900	13797	13582	13274		
SRV ST-Coal		137	126	177	182	174	175	172	184	180	135	130	129	128	128	168	161	100	123	125	108	130	127	139	147	133	138	147	130	128	140	135	128	130	137	136	138	128	129	124	125	131	139	127	137	130	133	139	145		
SRV ST-Gas		6	53	139	179	179	179	179	179	75	75	75	75	75	75	75	75	75	75	72	52	16	12	14	10	12	12	10	16	17	17	17	20	17	19	23	21	21	11	25	21	19	21	16	52	46	39	41	40		
SRV CCGT-Gas		428	658	630	819	945	1073	1204	1459	1491	1440	1473	1468	1498	1409	1436	1445	1492	637	321	341	305	285	238	267	291	346	289	274	259	264	267	253	255	248	245	242	588	490	498	576	289	187	190	190	217	198	198	400		
SRV OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	31	18	20	22	38	73	48	26	23	46	21	19	21	22	21	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRV 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	726	575	726	726	726	726	726	575	575	726	726	625	625	625	625	474	539	453	453	625	625	625	453	302	302	302	453	453	539	237	388	539	539	388	388	302	302	302	539	539	539	539	539			
Hydro		113	94	90	68	105	224	104	73	88	63	72	100	43	215	95	105	60	115	144	67	78	189	145	167	440	144	155	53	190	265	420	320	153	200	191	354	173	110	141	242	253	307	341	388	230	208	171	151		
S.Reserve Total		1410	1657	1762	1974	2129	2224	2385	2621	2560	2437	2476	2498	2470	2402	2349	2512	2453	1575	1287	1332	1185	1105	1095	1066	1367	1338	1274	1124	1070	1034	1162	1042	1029	1079	1155	1033	1298	1279	1327	1152	1080	956	976	1069	1162	1117	1173	1275		