

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	150 MW
Gas	4,241 MW
Hydro	1,744 MW
Distillate	0 MW
Total TNB	7,515 MW
Total IPP	11,892 MW
Total Co-Gen	48 MW
System Total	19,455 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30

TNB Generation	4,871 MW
IPP Generation	9,953 MW
Total Set On Bus	15,866 MW
Maximum Demand	14,903 MW
Spinning Reserve	994 MW
Net Energy	313,968 MWH
Load Factor	87.8 %

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	12791	12189	11639	11294	11096	11172	11093	11090	11489	13098	13744	14392	14372	14186	14731	14815	14891	14420	13505	13222	13793	14078	13894	13345

Gas Usage

Station	(mmscfd)
CBPS	70
GLGR	31
PAKA	45
PGPS	50
TJGS	210
TNB Total	406
KLPP	70
MPSS	54
PGLA	94
PLPS	91
SGB3	83
SGRI	64
SKSP	53
YPGS	34
YPKA	104
IPP Total	649
Total Gas	1,055

Total Gas Required : 1,200
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	15
PKLG	130
Total	145

Generation Mix

Type	MWh	Percentage
ST-Coal	33,089.00	10.54 %
ST-Oil	1,435.00	0.46 %
Gas	54,572.00	17.38 %
Hydro	8,716.00	2.78 %
Total TNB	97,812.0	31.15 %
ST-Coal	118,367.0	37.70 %
ST-Oil	12,756.0	4.06 %
Gas	84,277.0	26.84 %
Total IPP	215,400.0	68.61 %
Co-Gen	1,313.0	0.42 %
Total Co-Gen	1,313.0	0.42 %
Total Generation	314,525.0	100.18 %
PLTG	-170.0	-0.05 %
HVDC	727.0	0.23 %
Interconnection	557.0	0.18 %
Net Energy	313,968.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	288
Hydro	184
Syncon	451
Thermal	18
Total	941

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	33

Daily MW Generation On Tuesday

31-Jul-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		3	-30	-77	37	-26	13	-43	24	-13	-69	-58	-4	-8	-6	47	-30	53	-14	-7	-4	-4	1	-28	-37	43	51	29	-53	-34	18	-19	-62	-18	34	7	25	39	4	41	-23	-56	53	-11	4	60	-21	77	22		
Interconnection		33	0	-47	66	3	44	-12	54	17	-39	-28	26	22	25	78	0	84	16	23	26	26	31	2	-7	73	82	60	-23	-4	49	12	-31	13	64	37	55	69	35	72	7	-26	84	20	34	90	10	108	52		
System Total		12791	12478	12189	11804	11639	11447	11294	11209	11096	11197	11172	11029	11093	11205	11090	11103	11489	12411	13098	13525	13744	14178	14392	14603	14372	14141	14186	14424	14731	14803	14815	14903	14891	14890	14420	13931	13505	13337	13222	13484	13793	14130	14078	14042	13894	13711	13345	13195		
SRev ST-Coal		31	21	25	38	32	48	13	23	27	18	15	18	17	110	46	147	14	15	30	32	30	22	24	15	17	34	24	29	21	20	26	12	23	17	20	29	25	28	20	18	12	18	18	28	26	76	75	76		
SRev ST-Oil		2	0	17	22	16	2	2	-1	57	57	57	56	56	1	57	43	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	4	5	3	3		
SRev CCGT-Gas		501	674	685	780	1036	1173	1418	1441	1482	1357	1391	1495	1431	1290	1493	1362	1224	983	971	679	545	253	267	211	299	280	289	215	213	225	218	209	287	241	307	532	484	671	754	597	255	259	262	273	362	305	375	271		
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 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	575	726	726	726	726	726	726	575	726	575	726	726	726	726	726	640	539	539	389	388	536	539	388	539	539	539	539	388	539	539	539	539	539	539	539	539	539	726	726	726	726	726	474	625	625	625	726	726	575
Hydro		120	210	69	64	47	58	60	49	60	144	23	201	59	65	67	17	65	111	72	176	161	358	255	269	362	224	184	194	215	379	251	233	113	112	138	140	78	88	92	57	58	202	166	165	165	78	87	151		
S.Reserve Total		1380	1480	1522	1630	1857	2007	2219	2238	2352	2151	2212	2346	2289	2247	2333	2309	2072	1748	1611	1425	1124	1020	1081	1033	1062	1039	1036	979	989	1012	1035	994	962	911	1006	1240	1413	1613	1692	1497	1150	952	1070	1090	1182	1190	1266	1076		