

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,291	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	7,334	MW
Total IPP	10,082	MW
Total Co-Gen	54	MW
System Total	17,750	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,409 MW
IPP Generation	8,832 MW
Total Set On Bus	15,274 MW
Maximum Demand	14,377 MW
Spinning Reserve	979 MW
Net Energy	302,046 MWH
Load Factor	87.5 %

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	12182	11611	11219	10827	10596	10487	10599	10725	11132	12600	13519	14187	14051	13599	13849	14307	14334	13931	13030	12871	13721	13344	12869	12716

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	58
PAKA	71
PGPS	53
SRDG	19
TJGS	163
TNB Total	422
KLPP	72
MPSS	54
PDPS	18
PGLA	92
PKLG	7
PLPS	97
PTEK	11
SGB3	83
SGRI	54
SKSP	54
YPKA	138
IPP Total	681
Total Gas	1,102

Total Gas Required : 1,102
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,559.00	16.41 %
Gas	54,348.00	17.99 %
Hydro	11,568.00	3.83 %
Total TNB	115,475.0	38.23 %
ST-Coal	97,568.0	32.30 %
Gas	86,952.0	28.79 %
Total IPP	184,520.0	61.09 %
Co-Gen	1,471.0	0.49 %
Total Co-Gen	1,471.0	0.49 %
Total Generation	301,466.0	99.81 %
PLTG	117.0	0.04 %
HVDC	-697.0	-0.23 %
Interconnection	-580.0	-0.19 %
Net Energy	302,046.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	333
Hydro	289
Syncon	286
Thermal	5
Total	914

Weather Temperature

	Weather	Temperature
Morning	Sunny	26
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																											
TIE-PLTG		-21	-23	25	-30	29	113	-50	59	-16	-103	16	-72	-30	-12	51	22	-22	40	-6	45	7	12	10	21	45	-153	95	13	-106	-19	-77	-53	1	51	68	5	18	23	31	-3	-65	46	21	-11	3	28	-13	-67			
Interconnection		-50	-52	-4	-58	1	84	-79	9	-46	-132	-13	-101	-59	-41	22	-7	-51	11	-35	14	-22	-18	-20	-7	17	-182	66	-16	-135	-48	-106	-82	-28	22	39	-24	-11	-6	2	-32	-94	17	-8	-40	-26	-2	-43	-96			
System Total		12181	11873	11610	11415	11218	11068	10826	10591	10595	10569	10486	10465	10598	10652	10724	10677	11131	11907	12599	13063	13518	13743	14186	14169	14050	14158	13598	13611	13848	14103	14306	14376	14333	14181	13930	13588	13029	12786	12870	13627	13720	13564	13343	13277	12868	12862	12715	12572			
SRev ST-Coal		24	-3	21	14	15	9	47	60	82	173	128	247	128	57	74	63	74	-1	14	23	4	-4	0	18	5	-22	-6	7	7	4	2	-2	-5	6	16	4	-2	7	14	2	16	-1	9	-5	11	-3	-3	70			
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		437	518	707	972	1094	1142	1519	1553	1543	1537	1558	1526	1551	1550	1451	1538	1458	1168	788	544	348	399	287	341	381	339	345	349	353	356	351	375	345	429	430	456	518	508	518	205	237	286	375	311	218	212	406	309			
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 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		726	726	726	726	726	726	726	575	726	575	726	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	
Hydro		83	97	100	92	104	130	80	98	205	79	221	89	160	163	233	240	90	231	231	251	314	251	161	167	146	174	276	404	304	209	201	340	211	226	202	199	283	238	259	177	252	263	257	177	95	99	89	84			
S.Reserve Total		1270	1339	1554	1804	1939	2007	2372	2437	2405	2515	2482	2588	2414	2345	2333	2416	2197	1973	1608	1242	1153	1068	972	979	945	1040	1065	1237	1121	1001	965	980	969	1071	1074	1161	1378	1368	1404	806	876	919	1068	1058	1050	1034	1218	1189			