

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,866 MW
Hydro	1,835 MW
Distillate	265 MW
Total TNB	8,176 MW
Total IPP	10,932 MW
Total Co-Gen	48 MW
System Total	19,156 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30

TNB Generation	5,531 MW
IPP Generation	8,944 MW
Total Set On Bus	15,427 MW
Maximum Demand	14,557 MW
Spinning Reserve	904 MW
Net Energy	302,200 MWH
Load Factor	86.5 %

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	11826	11234	10777	10481	10335	10294	10590	10577	11084	12821	13680	14292	14371	13827	14034	14375	14383	14026	13263	13471	13693	13417	12796	12294

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	31
PAKA	86
TJGS	132
TNB Total	297
KLPP	90
MPSS	56
PGLA	52
PLPS	96
SGB3	76
SGRI	78
SKSP	52
YPGS	56
YPKA	132

IPP Total 687

Total Gas 984

Total Gas Required : 1,131

Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	25
PKLG	68
SRDG	3
TJGS	51
Total	146

Generation Mix

Type	MWh	Percentage
ST-Coal	49,345.00	16.33 %
Gas	39,307.00	13.01 %
Hydro	11,170.00	3.70 %
Distillate	10,416.00	3.45 %
Total TNB	110,238.0	36.48 %
ST-Coal	94,960.0	31.42 %
ST-Oil	6,679.0	2.21 %
Gas	89,310.0	29.55 %
Total IPP	190,949.0	63.19 %
Co-Gen	1,386.0	0.46 %
Total Co-Gen	1,386.0	0.46 %
Total Generation	302,573.0	100.12 %
PLTG	270.0	0.09 %
HVDC	103.0	0.03 %
Interconnection	373.0	0.12 %
Net Energy	302,200.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	367
Hydro	179
Syncon	499
Thermal	-5
Total	1040

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

Daily MW Generation On Friday

09-Nov-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																									
Total Co-Gen		57	54	55	56	58	57	57	57	58	57	59	56	56	58	55	57	57	56	56	56	54	51	46	48	47	45	47	46	46	44	46	46	45	45	48	50	48	48	48	49	51	49	51	51	52	52	52	54	
Total Gen		11856	11585	11281	11011	10853	10840	10546	10501	10427	10405	10388	10394	10547	10719	10658	10719	11203	12252	12917	13288	13726	14000	14375	14523	14407	14101	13845	13801	13986	14264	14463	14411	14347	14311	14025	13649	13245	13022	13455	13869	13716	13646	13423	13149	12714	12679	12382	12059	
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		30	30	30	30	30	30	29	31	30	30	31	31	30	31	31	30	31	31	30	30	-29	-29	-30	-30	-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		0	-7	17	-53	46	47	35	12	61	44	64	45	-74	-61	51	-15	88	78	67	51	15	1	53	-65	5	-24	-12	55	-19	16	118	-23	-7	-72	28	58	11	-21	13	36	52	46	35	14	-53	35	118	-69	
Interconnection		30	23	47	-23	76	77	65	41	92	74	94	76	-43	-31	81	16	119	108	97	82	46	31	83	-34	36	6	18	26	-48	-14	88	-52	-36	-101	-1	29	-18	-50	-16	7	23	17	6	-15	-82	6	88	-98	
System Total		11826	11562	11234	11034	10777	10763	10481	10460	10335	10331	10294	10318	10590	10750	10577	10703	11084	12144	12821	13206	13680	13969	14292	14557	14371	14095	13827	13775	14034	14278	14375	14463	14383	14412	14026	13620	13263	13072	13471	13862	13693	13629	13417	13164	12796	12673	12294	12157	
SRev ST-Coal		4	9	2	4	8	2	116	203	226	322	315	314	309	170	60	39	7	-6	8	4	2	5	-4	4	5	-14	-25	9	11	-3	8	6	10	0	1	7	0	9	12	9	-15	28	-1	5	-2	2	17	1	
SRev ST-Oil		-10	-10	-1	6	-5	-11	-11	-10	-10	-10	-10	-10	-10	-10	-11	-11	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	
SRev CCGT-Gas		556	530	832	1103	1257	1250	1417	1402	1425	1393	1393	1391	1285	1260	1382	1352	1413	1235	751	519	424	392	292	276	327	330	410	417	394	345	307	241	208	180	376	504	925	956	536	261	318	322	565	712	627	598	640	496	
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		114	1	10	8	10	10	12	9	13	9	10	9	8	8	10	10	1	2	2	3	4	4	3	4	4	112	7	8	7	6	49	47	45	13	14	4	5	5	10	6	7	4	16	14	251	296	231	399	
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		625	726	726	726	575	726	726	726	726	575	726	726	726	726	726	726	726	726	625	323	323	323	323	323	474	625	625	474	474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625
Hydro		109	100	92	85	247	127	143	113	138	255	129	119	78	77	121	114	130	250	113	128	129	157	339	307	370	342	378	258	295	230	242	213	222	118	204	168	130	249	102	196	222	186	185	188	99	265	209	176	
S.Reserve Total		1398	1356	1661	1932	2092	2104	2403	2443	2518	2544	2563	2549	2396	2231	2289	2230	2266	2046	1590	1370	1275	1173	943	904	1019	1108	1234	1307	1322	1042	1070	1122	1100	926	1210	1348	1675	1683	1275	1087	1147	1155	1380	1534	1590	1625	1712	1602	