

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,176	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	8,219	MW
Total IPP	10,354	MW
Total Co-Gen	50	MW
System Total	18,903	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30		
TNB Generation	5,824	MW
IPP Generation	8,711	MW
Total Set On Bus	15,683	MW
Maximum Demand	14,607	MW
Spinning Reserve	1,098	MW
Net Energy	306,167	MWH
Load Factor	87.3	%

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	12071	11397	10956	10535	10492	10238	10402	10834	11403	12991	13779	14412	14414	14017	14424	14532	14593	14342	13302	13328	13942	13635	13081	12733

Gas Usage

Station	(mmscfd)
CBPS	52
GLGR	57
PAKA	137
PGPS	52
SRDG	20
TJGS	208
TNB Total	527
KLPP	72
MPSS	54
PDPS	2
PGLA	92
PKLG	6
PLPS	100
SGB3	93
SGRI	75
SKSP	38
YPKA	138
IPP Total	670
Total Gas	1,197

Total Gas Required : 1,197
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,023.00	16.01 %
Gas	68,502.00	22.37 %
Hydro	7,264.00	2.37 %
Total TNB	124,789.0	40.76 %
ST-Coal	94,124.0	30.74 %
Gas	86,778.0	28.34 %
Total IPP	180,902.0	59.09 %
Co-Gen	1,395.0	0.46 %
Total Co-Gen	1,395.0	0.46 %
Total Generation	307,086.0	100.30 %
PLTG	193.0	0.06 %
HVDC	726.0	0.24 %
Interconnection	919.0	0.30 %
Net Energy	306,167.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	299
Hydro	134
Syncon	586
Thermal	17
Total	1035

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

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	49	48	48	44	46	48	50	49	49	51	52	54	52	51	50	48	47	51	52	54	53	54	54	51	51	53	53	51	54	52	50	50	50	47	50	52	53	55	55	56	56	56	55	55	56	57	55		
Total Gen	12035	11768	11365	11171	10963	10778	10624	10515	10553	10428	10415	10505	10440	10665	10929	10887	11346	12262	13044	13405	13835	14093	14422	14520	14502	14187	14101	14352	14463	14600	14581	14570	14594	14588	14285	13848	13433	13163	13320	13985	13994	13842	13720	13551	13123	13044	12759	12400	
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	31	31	31	30	30	30	30	31	31	29	29	31	31	31	29	29	30	30	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	31	29	29		
TIE-PLTG	-66	1	-62	85	-24	55	58	8	31	25	-147	10	7	-74	66	-24	-88	-49	22	-51	27	-49	-21	-13	59	-19	54	39	8	6	18	52	-29	-52	-87	86	101	47	-38	-31	22	40	54	57	11	-103	-3	-33	
Interconnection	-36	31	-32	115	7	86	89	39	61	55	177	40	38	-43	95	5	-57	-18	53	-20	56	-20	10	18	88	10	84	69	39	37	49	83	1	-22	-57	116	131	77	-8	-1	52	70	85	88	42	-72	26	-4	
System Total	12071	11737	11397	11056	10956	10692	10535	10476	10492	10373	10238	10465	10402	10708	10834	10852	11403	12280	12991	13425	13779	14113	14412	14502	14414	14177	14017	14283	14424	14563	14532	14487	14593	14607	14342	13732	13302	13086	13328	13986	13942	13772	13635	13463	13081	13116	12733	12404	
SRev ST-Coal	4	9	21	25	7	39	192	312	289	419	422	476	466	330	189	94	0	22	9	18	22	23	22	21	27	26	26	26	32	27	27	21	32	20	14	16	25	10	3	15	13	14	11	28	2	23	12	8	
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
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
SRev CCGT-Gas	455	739	1116	1331	1640	1742	1741	1735	1737	1719	1756	1674	1758	1669	1534	1707	1663	1212	588	485	363	233	277	214	321	481	558	322	314	217	301	301	242	254	247	371	564	843	701	175	276	375	366	295	538	188	461	689	
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	80	-8	-8	144	147	147	33	12	64	53	85	-4	53	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	575	726	726	726	726	726	726	575	726	726	726	726	575	726	726	726	726	726	575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	575	726	726	726	726	575	726	575	726	726	726	
Hydro	120	248	111	132	262	134	138	132	115	122	156	114	262	112	123	115	113	125	266	120	107	99	153	232	108	112	120	105	108	97	239	114	106	102	115	132	278	134	128	127	126	128	263	124	336	114	138	141	
S.Reserve Total	1305	1571	1974	2214	2484	2641	2797	2905	2867	2986	3060	2990	3061	2837	2572	2642	2502	2085	1438	1349	1218	1081	1107	1034	1174	1489	1577	1326	1213	1079	1206	1215	1191	1098	1155	1245	1442	1713	1558	1043	1141	1243	1215	1173	1451	1051	1337	1564	