

Availability At Daily Maximum Demand Hour

ST-Coal	1,780	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,406	MW
Hydro	1,721	MW
Distillate	0	MW
Total TNB	8,047	MW
Total IPP	12,005	MW
Total Co-Gen	82	MW
System Total	20,698	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,419 MW
IPP Generation	9,782 MW
Total Set On Bus	16,312 MW
Maximum Demand	15,195 MW
Spinning Reserve	1,029 MW
Net Energy	312,796 MWH
Load Factor	85.8 %

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	12219	11530	10989	10869	10542	10372	10611	10905	11407	13012	14054	14658	14683	14408	14871	15038	15190	14813	13710	13297	14431	14282	13673	13400

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	56
PAKA	89
PGPS	52
SRDG	2
TJGS	205
TNB Total	460
KLPP	103
MPSS	55
PGLA	108
PLPS	101
SGB3	92
SGRI	93
SKSP	53
YPGS	35
YPKA	134
IPP Total	775
Total Gas	1,235

Total Gas Required : 1,235
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	38,965.00	12.46 %
Gas	60,868.00	19.46 %
Hydro	8,271.00	2.64 %
Total TNB	108,104.0	34.56 %
ST-Coal	102,491.0	32.77 %
Gas	100,649.0	32.18 %
Total IPP	203,140.0	64.94 %
Co-Gen	2,088.0	0.67 %
Total Co-Gen	2,088.0	0.67 %
Total Generation	313,332.0	100.17 %
PLTG	-189.0	-0.06 %
HVDC	725.0	0.23 %
Interconnection	536.0	0.17 %
Net Energy	312,796.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	388
Hydro	245
Syncon	270
Thermal	43
Total	946

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	35

Daily MW Generation On Tuesday
29-Jan-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																									
TIB-HVDC		29	30	30	29	29	31	31	31	31	30	30	30	30	30	30	30	30	30	30	30	30	31	31	30	30	30																							
TIE-PLTG		-120	-79	-38	-17	-59	-253	-65	26	-16	-74	-47	-164	-65	-128	38	25	-86	-47	69	37	-53	3	33	11	2	13	-20	-113	-30	-10	80	57	-9	-7	80	-38	-36	-19	-20	-21	8	32	33	-45	245	-33	139	-175	
Interconnection		-91	-49	-8	12	-30	-222	-34	57	15	-44	-17	-133	-34	-97	68	55	-56	-17	99	67	-23	33	63	41	32	43	10	-83	0	21	111	88	22	23	110	-8	-6	11	10	9	38	63	64	-15	273	-3	169	-145	
System Total		12219	11779	11530	11218	10989	11023	10869	10522	10542	10523	10372	10624	10611	10996	10905	10748	11407	12343	13012	13396	14054	14316	14658	14786	14683	14390	14408	14570	14871	15140	15038	15195	15190	15140	14813	14303	13710	13285	13297	13946	14431	14393	14282	14171	13673	13696	13400	13106	
SRev ST-Coal		48	7	7	61	64	20	15	160	171	159	277	272	289	220	134	43	87	11	94	105	24	62	-2	76	102	58	17	11	154	134	-12	19	25	27	24	51	57	55	66	43	8	33	20	26	25	26	23	16	
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		551	815	993	1282	1570	1845	1835	1941	2059	2172	2079	1999	1910	1710	1811	2235	1862	1093	642	309	287	363	257	298	358	313	267	216	221	289	424	404	468	405	543	730	1199	1554	1539	860	532	543	625	797	579	538	590	1018	
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	
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	726	726	726	726	726	575	726	726	726	726	726	726	726	726	726	575	726	424	424	273	273	273	273	575	575	575	273	273	273	273	273	273	273	273	273	575	576	576	576	576	273	273	273	273	273	726	726	726
Hydro		96	67	95	94	118	65	64	195	80	98	110	75	64	68	101	114	70	228	110	379	292	286	325	298	225	193	297	284	307	281	305	291	381	282	384	229	113	113	106	120	220	196	238	249	248	97	107	93	
S.Reserve Total		1421	1615	1821	2163	2478	2656	2640	2871	3036	3155	3192	3072	2989	2724	2772	3118	2745	1907	1572	1217	1027	984	936	943	957	1139	1154	1085	951	1010	1033	1029	1227	987	1224	1585	1945	2298	2287	1599	1033	1045	1156	1345	1125	1387	1446	1853	