

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,135 MW
Hydro	1,865 MW
Distillate	0 MW
Total TNB	7,520 MW
Total IPP	10,861 MW
Total Co-Gen	85 MW
System Total	19,026 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30	
TNB Generation	4,917 MW
IPP Generation	8,503 MW
Total Set On Bus	14,659 MW
Maximum Demand	13,539 MW
Spinning Reserve	1,154 MW
Net Energy	296,328 MWH
Load Factor	91.2 %

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	13076	12389	11927	11571	11207	10875	10960	10798	10714	11615	12507	13092	13101	12805	13061	13039	13135	12856	12348	12353	13460	13419	13179	13016

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	32
PAKA	92
PGPS	53
SRDG	9
TJGS	219
TNB Total	463
KLPP	113
MPSS	55
PDPS	4
PGLA	53
PKLG	7
PLPS	106
SGB3	63
SGRI	78
SKSP	56
YPGS	35
YPKA	134
IPP Total	703
Total Gas	1,166
Total Gas Required :	1,166
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	34,875.00	11.77 %
Gas	61,816.00	20.86 %
Hydro	8,149.00	2.75 %
Total TNB	104,840.0	35.38 %
ST-Coal	98,996.0	33.41 %
Gas	91,065.0	30.73 %
Total IPP	190,061.0	64.14 %
Co-Gen	1,832.0	0.62 %
Total Co-Gen	1,832.0	0.62 %
Total Generation	296,733.0	100.14 %
PLTG	-319.0	-0.11 %
HVDC	724.0	0.24 %
Interconnection	405.0	0.14 %
Net Energy	296,328.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	218
Hydro	223
Syncon	464
Thermal	50
Total	954

Weather Temperature

	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																												
Interconnection		27	65	19	-14	-12	68	-42	-14	-8	111	178	88	-42	-39	39	112	-41	157	4	-15	-28	19	4	27	35	53	14	-52	22	-22	85	52	62	39	46	97	49	12	42	-27	-48	-34	-100	-41	33	10	49	62				
System Total		13076	12546	12389	12104	11927	11715	11571	11367	11207	10983	10875	10973	10960	10862	10798	10624	10714	11146	11615	12160	12507	12801	13092	13185	13101	12760	12805	12811	13061	13221	13039	13097	13135	13122	12856	12499	12348	12216	12353	13058	13460	13539	13419	13330	13179	13268	13016	12978				
SRev ST-Coal		16	17	18	81	82	84	172	178	175	107	110	108	297	296	299	342	383	398	338	113	111	88	67	61	60	39	65	55	60	62	16	19	14	20	55	61	63	148	147	121	100	81	78	11	11	6271	11	14				
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		443	931	1169	1348	1321	1412	1449	1460	1452	1364	1404	1392	1267	1307	1292	1350	1395	959	524	182	270	354	243	204	275	319	257	241	356	241	338	305	285	252	225	448	590	466	379	165	205	282	151	152	137	138	126	124				
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	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	0
Syncon		726	726	575	726	575	575	726	575	726	726	726	726	726	726	726	726	726	726	424	424	726	575	575	575	575	726	726	726	726	424	424	424	625	625	726	726	726	726	726	726	575	273	273	726	726	726	625	625	726			
Hydro		114	121	243	99	232	253	99	143	105	126	134	135	98	107	107	117	92	182	364	151	122	111	111	110	130	95	228	93	257	348	374	169	160	116	115	129	115	112	120	127	259	380	206	105	116	54	155	99				
S.Reserve Total		1299	1795	2005	2254	2210	2324	2446	2356	2458	2323	2374	2361	2388	2436	2424	2535	2596	1963	1650	1152	1128	1128	1146	950	1191	1464	1561	1200	1182	1160	1237	1203	1169	1199	1406	1449	1579	1537	1457	1123	946	1166	1276	1092	1071	7169	1009	1144				