

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	10,222	MW
Total Co-Gen	48	MW
System Total	18,769	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30	
TNB Generation	5,414 MW
IPP Generation	7,532 MW
Total Set On Bus	14,145 MW
Maximum Demand	13,087 MW
Spinning Reserve	1,151 MW
Net Energy	284,464 MWH
Load Factor	90.6 %

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	12116	11512	11070	10830	10697	10363	10372	10366	10258	11510	12262	12811	12736	12396	12618	12569	12626	12269	11999	12338	12948	12799	12460	12151

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	59
PAKA	94
PGPS	53
TJGS	203
TNB Total	466
KLPP	73
MPSS	55
PGLA	115
PLPS	75
SGB3	108
SGRI	74
SKSP	52
YPKA	138
IPP Total	689
Total Gas	1,155
Total Gas Required :	1,155
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,519.00	17.41 %
Gas	61,371.00	21.57 %
Hydro	7,820.00	2.75 %
Total TNB	118,710.0	41.73 %
ST-Coal	73,651.0	25.89 %
Gas	90,179.0	31.70 %
Total IPP	163,830.0	57.59 %
Co-Gen	1,265.0	0.44 %
Total Co-Gen	1,265.0	0.44 %
Total Generation	283,805.0	99.77 %
PLTG	43.0	0.02 %
HVDC	-702.0	-0.25 %
Interconnection	-659.0	-0.23 %
Net Energy	284,464.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	238
Hydro	193
Syncon	572
Thermal	98
Total	1102

Weather Temperature

Weather	Temperature
Morning	Sunny 27
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																												
System Total		12116	11810	11512	11438	11070	10895	10830	10621	10697	10540	10363	10437	10372	10535	10366	10195	10258	11027	11510	11813	12262	12506	12811	12999	12736	12609	12396	12467	12618	12725	12569	12559	12626	12554	12269	12045	11999	11992	12338	13087	12948	12955	12799	12591	12460	12419	12151	12012				
SRev ST-Coal		184	180	171	174	171	185	182	178	179	178	186	183	163	175	263	403	399	236	184	172	177	197	144	67	90	133	137	136	127	105	109	126	131	122	119	122	154	131	110	79	91	80	81	68	103	68	80	178				
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	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	0	0
SRev CCGT-Gas		415	443	772	800	1063	1307	1450	1596	1492	1561	1781	1695	1805	1690	1611	1662	1661	1044	635	341	311	351	219	181	303	322	377	353	260	249	334	227	171	150	335	315	576	691	499	85	245	190	115	375	393	303	261	275				
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	726	726	726	726	726	726	726	575	575	726	575	726	726	726	812	812	812	661	661	661	661	812	812	726	726	726	575	726	726	726	575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	
Hydro		110	98	102	160	171	148	123	132	104	116	190	245	117	235	113	112	111	111	105	108	201	189	126	131	56	151	202	196	58	118	50	141	141	203	95	89	106	90	208	161	93	122	183	315	150	145	153	153				
S.Reserve Total		1435	1447	1771	1860	2131	2366	2481	2632	2601	2681	2832	2798	2911	2773	2813	3003	2997	2303	1836	1533	1450	1498	1250	1140	1361	1518	1542	1511	1271	1147	1319	1320	1269	1235	1460	1637	1747	1823	1643	1151	1255	1218	1205	1433	1472	1343	1220	1332				