

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,096 MW
Hydro	1,871 MW
Distillate	0 MW
Total TNB	8,177 MW
Total IPP	11,107 MW
Total Co-Gen	81 MW
System Total	19,925 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,383 MW
IPP Generation	8,584 MW
Total Set On Bus	16,000 MW
Maximum Demand	15,127 MW
Spinning Reserve	952 MW
Net Energy	315,062 MWH
Load Factor	86.8 %

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	12379	11702	11304	11013	10906	10836	10963	11087	11731	13257	14083	14625	14554	14159	14663	15073	15127	14730	13657	13342	14413	14300	13657	13306

Gas Usage

Station	(mmscfd)
CBPS	58
GLGR	57
PAKA	94
PGPS	52
SRDG	19
TJGS	213
TNB Total	492
KLPP	108
MPSS	56
PGLA	112
PKLG	2
PLPS	108
SGB3	85
SGRI	84
SKSP	38
YPGS	35
YPKA	65
IPP Total	693
Total Gas	1,186

Total Gas Required : 1,186
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,664.00	15.76 %
Gas	64,439.00	20.45 %
Hydro	12,543.00	3.98 %
Total TNB	126,646.0	40.20 %
ST-Coal	95,803.0	30.41 %
ST-Gas	370.0	0.12 %
Gas	89,592.0	28.44 %
Total IPP	185,765.0	58.96 %
Co-Gen	2,156.0	0.68 %
Total Co-Gen	2,156.0	0.68 %
Total Generation	314,567.0	99.84 %
PLTG	201.0	0.06 %
HVDC	-696.0	-0.22 %
Interconnection	-495.0	-0.16 %
Net Energy	315,062.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	267
Hydro	253
Syncon	339
Thermal	37
Total	895

	Weather	Temperature
Morning	Cloudy	24
Afternoon	Hot	36

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	85	84	84	84	85	85	83	83	86	84	86	82	85	84	81	82	83	82	81	82	82	83	77	82	80	84	82	83	84	81	84	83	81	83	83	83	85	84	83	82	82	84	87	85	81	84	82			
Total Gen	12382	12175	11734	11456	11325	11288	11107	10954	10846	10761	10797	10831	10942	11391	11170	11360	11722	12657	13182	13727	14024	14295	14658	14690	14583	14212	14174	14353	14628	15044	15066	15047	15048	15110	14794	14059	13607	13358	13304	14040	14395	14354	14296	14013	13670	13785	13256	13025		
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	0	
TIE-HVDC	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-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	32	5	61	49	50	-11	123	-12	-31	-8	-10	-30	8	26	112	78	20	88	-46	19	-30	-19	62	20	58	20	44	28	-6	57	22	42	-50	78	93	-69	-21	-55	-9	15	11	-1	25	71	42	32	-21	-46		
Interconnection	3	-24	32	-78	21	-40	94	-41	-60	-37	-39	-59	-21	-3	83	49	-9	59	-75	-10	-59	-48	33	-9	29	-9	15	-1	-35	28	-7	13	-79	49	64	-98	-50	-84	-38	-14	-18	-30	-4	42	13	3	-50	-75		
System Total	12379	12199	11702	11534	11304	11328	11013	10995	10906	10798	10836	10890	10963	11394	11087	11311	11731	12598	13257	13737	14083	14343	14625	14699	14554	14221	14159	14354	14663	15016	15073	15034	15127	15061	14730	14157	13657	13442	13342	14054	14413	14384	14300	13971	13657	13782	13306	13100		
SRev ST-Coal	36	30	47	52	55	40	75	73	61	52	30	28	28	26	76	36	28	35	30	40	49	56	30	59	30	35	40	42	47	55	32	31	40	26	29	18	29	13	51	49	55	42	54	50	54	100	105	77		
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	1029	927	1399	1611	1730	1788	1921	2115	2191	2086	2064	2046	1912	1728	1805	1692	1255	592	361	248	293	77	212	142	239	245	269	190	187	209	329	320	303	301	460	391	380	561	548	147	116	135	177	245	296	192	417	175		
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
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
Syncon	727	727	727	727	727	727	576	727	576	727	576	727	425	576	576	576	576	726	877	726	726	474	474	474	877	877	726	424	172	172	172	172	172	172	172	273	575	726	726	575	273	273	273	273	424	424	727	727		
Hydro	108	92	94	94	104	98	109	221	92	231	90	223	98	136	126	120	229	129	130	58	161	95	199	306	259	221	221	279	305	302	307	316	300	291	303	274	318	206	208	225	447	478	479	486	336	290	109	68		
S.Reserve Total	1900	1776	2267	2484	2616	2653	2832	2985	3071	2945	2911	2873	2765	2315	2583	2424	2088	1332	1247	1223	1229	954	990	1048	1068	1443	1474	1301	1027	953	984	955	952	944	1152	992	1304	1580	1533	996	891	928	983	1054	1110	1006	1358	1045		