

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,605	MW
Hydro	1,861	MW
Distillate	0	MW
Total TNB	7,606	MW
Total IPP	9,975	MW
Total Co-Gen	39	MW
System Total	18,184	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:30	
TNB Generation	6,273 MW
IPP Generation	8,709 MW
Total Set On Bus	15,939 MW
Maximum Demand	15,059 MW
Spinning Reserve	918 MW
Net Energy	314,957 MWH
Load Factor	87.1 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12338	11802	11396	11191	10879	10819	10664	11007	11793	13414	14196	14912	14839	14553	14972	14972	14836	14557	13601	13686	14169	13903	13270	12814

Gas Usage

Station	(mmscfd)
CBPS	54
GLGR	65
PAKA	197
PGPS	40
SRDG	29
TJGS	113
TNB Total	498
KLPP	102
MPSS	57
PDPS	23
PGLA	115
PLPS	96
PTEK	10
SGRI	200
SKSP	52
YPGS	67
YPKA	99
IPP Total	821
Total Gas	1,319

Total Gas Required : 1,319
Gas Calorific Value : 38,500
Generation Mix

Type	MWh	Percentage
ST-Coal	49,593.00	15.75 %
Gas	61,857.00	19.64 %
Hydro	17,795.00	5.65 %
Total TNB	129,245.0	41.04 %
ST-Coal	79,015.0	25.09 %
Gas	106,013.0	33.66 %
Total IPP	185,028.0	58.76 %
Co-Gen	1,002.0	0.32 %
Total Co-Gen	1,002.0	0.32 %
Total Generation	315,275.0	100.12 %
PLTG	-362.0	-0.11 %
HVDC	728.0	0.23 %
Interconnection	366.0	0.12 %
Net Energy	314,909.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	331
Hydro	243
Syncon	293
Thermal	67
Total	934

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Rainy 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
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY04	30	35	30	35	32	36	34	32	34	36	32	37	34	41	34	40	35	34	32	34	31	35	34	37
UPIA	HY01	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		443	427	366	427	383	429	427	422	286	288	260	288	263	300	261	299	249	477	515	519	641	876	1182	1256
PCUF	CUFG	24	23	24	23	23	25	24	24	24	23	25	24	24	24	22	22	23	23	21	22	22	23	21	22
PCUF	CUFK	9	12	11	11	12	11	12	12	13	12	13	13	12	12	12	15	12	13	14	15	15	17	16	13
Total Co-Gen		33	35	35	34	35	36	36	36	38	36	37	37	36	39	36	37	36	37	38	40	39	34	35	37
Total Gen		12368	12079	11832	11598	11456	11398	11161	11084	10870	10910	10806	10650	10628	10986	11083	11282	11773	12847	13481	13895	14300	14598	14908	15021
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
TIE-HVDC		30	30	30	30	30	31	31	30	30	31	31	30	30	29	29	31	31	31	31	31	31	31	30	30
TIE-PLTG		0	-78	0	-28	30	-22	-61	0	-38	-16	-43	-45	-66	-73	47	-74	-51	-27	36	4	74	-35	-35	
Interconnection		30	-48	30	2	60	8	-30	31	-8	14	-12	-14	-36	-43	76	-45	-20	4	67	35	104	-5	-4	
System Total		12338	12127	11802	11596	11396	11390	11191	11053	10878	10896	10818	10664	10664	11029	11007	11327	11793	12843	13414	13860	14196	14603	14912	15059
SRev ST-Coal		121	118	120	125	125	118	67	63	56	48	49	45	47	49	69	71	97	105	87	84	93	84	87	
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
SRev CCGT-Gas		425	276	463	749	848	965	1203	1330	1445	1403	1479	1667	1661	1507	1372	1541	1391	734	348	279	92	47	62	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	154	28	149	141	231	202	249	277	209	
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
Syncon		625	625	625	625	625	625	474	625	625	625	625	625	474	625	625	474	625	625	474	625	625	474	625	625
Hydro		164	82	145	83	128	81	84	239	124	122	250	122	147	110	300	111	161	285	96	91	170	235	367	
S.Reserve Total		1335	1101	1353	1582	1726	1787	1979	2106	2250	2198	2403	2459	2480	2291	2215	2348	2274	1598	1310	1107	1129	981	919	