

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,711 MW
Hydro	1,602 MW
Distillate	0 MW
Total TNB	7,453 MW
Total IPP	11,071 MW
Total Co-Gen	83 MW
System Total	18,607 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30		
TNB Generation	5,269 MW	
IPP Generation	9,638 MW	
Total Set On Bus	16,293 MW	
Maximum Demand	15,061 MW	
Spinning Reserve	1,303 MW	
Net Energy	319,742 MWH	
Load Factor	88.5 %	

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	12812	12271	11901	11500	11380	11446	11535	11381	11820	13325	14012	14704	14527	14150	14438	15012	15060	14589	13815	13519	14111	14244	13958	13724

Gas Usage

Station	(mmscfd)
GLGR	56
PAKA	156
PGPS	42
SRDG	37
TJGS	114
TNB Total	406
KLPP	91
MPSS	49
PDPS	15
PGLA	111
PKLG	69
PLPS	93
SGB3	37
SGRI	169
YPGS	69
YPKA	132
IPP Total	834
Total Gas	1,240
Total Gas Required :	1,240
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,594.00	15.51 %
Gas	50,939.00	15.93 %
Hydro	11,071.00	3.46 %
Total TNB	111,604.0	34.90 %
ST-Coal	99,251.0	31.04 %
ST-Gas	5,265.0	1.65 %
Gas	101,007.0	31.59 %
Total IPP	205,523.0	64.28 %
Co-Gen	2,150.0	0.67 %
Total Co-Gen	2,150.0	0.67 %
Total Generation	319,277.0	99.85 %
PLTG	235.0	0.07 %
HVDC	-700.0	-0.22 %
Interconnection	-465.0	-0.15 %
Net Energy	319,742.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	307
Hydro	155
Syncon	459
Thermal	130
Total	1050

	Weather	Temperature
Morning	Sunny	24
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
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	-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	HY02	34	74	39	32	33	53	32	37	40	77	83	37	81	45	35	37	82	80	82	62	86	53	85	38
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		274	385	299	271	224	268	209	199	184	284	294	185	267	221	169	199	271	329	346	359	583	643	788	680
PCUF	CUFG	53	53	53	53	52	54	52	54	51	52	54	53	55	51	52	53	53	52	52	51	51	50	50	50
PCUF	CUFK	30	29	32	32	32	31	31	32	31	31	31	32	32	31	33	34	33	32	32	32	34	31	31	29
Total Co-Gen		83	82	85	85	85	83	85	84	85	82	83	86	85	84	86	86	85	84	84	85	82	81	79	80
Total Gen		12884	12533	12249	12094	11835	11632	11546	11396	11318	11415	11459	11362	11467	11530	11442	11413	11719	12677	13253	13645	13973	14281	14631	14729
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		-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		101	-8	6	126	-37	-5	75	6	-33	-46	42	-40	-39	-12	91	18	-72	-35	-43	-16	-10	-27	-44	93
Interconnection		72	-36	-22	97	-66	-34	46	-23	-62	-75	13	-69	-68	-42	61	-11	-101	-64	-72	-45	-39	-56	-73	64
System Total		12812	12569	12271	11997	11901	11666	11500	11419	11380	11490	11446	11431	11535	11572	11381	11424	11820	12741	13325	13690	14012	14337	14704	14665
SRev ST-Coal		152	150	147	144	140	145	151	159	143	145	153	144	147	143	159	154	139	168	145	142	152	147	141	143
SRev ST-Gas		42	41	38	38	37	37	37	37	38	37	37	38	38	38	37	37	37	41	20	12	6	6	6	8
SRev CCGT-Gas		243	603	755	879	1109	1331	1352	1489	1572	1568	1520	1521	1493	1389	1417	1475	1623	755	503	334	271	243	223	247
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	14	7	35	69	26	20
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	726	726	726	575	726	575	726	726	726	575	726	726	726	575	489	489	554	554	554	554
Hydro		224	113	199	227	173	129	188	249	113	164	3	112	30	76	128	249	26	68	51	38	110	296	151	194
S.Reserve Total		1286	1532	1764	1913	2185	2368	2454	2509	2592	2489	2439	2540	2434	2372	2468	2490	2551	1754	1530	1274	1127	1216	1079	1170