

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	4,209	MW
Hydro	1,558	MW
Distillate	0	MW
Total TNB	7,907	MW
Total IPP	10,215	MW
Total Co-Gen	68	MW
System Total	18,190	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	7,016 MW
IPP Generation	9,320 MW
Total Set On Bus	17,387 MW
Maximum Demand	16,415 MW
Spinning Reserve	983 MW
Net Energy	341,659 MWH
Load Factor	86.7 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	14/05/2013	344,423.0 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	13622	13048	12545	12096	11769	11806	11766	11892	12246	13954	14877	15654	15737	15404	16005	16146	16415	16020	14884	14243	15461	15440	15021	14752

Gas Usage

Station	(mmscfd)
CBPS	103
GLGR	58
PAKA	190
PGGS	15
PGPS	52
SRDG	79
TJGS	120
TNB Total	616
KLPP	109
MPSS	55
PDPS	63
PGLA	106
PKLG	34
PLPS	117
PTEK	53
SGB3	36
SGRI	200
YPGS	67
YPKA	130
IPP Total	970
Total Gas	1,586
Total Gas Required :	1,586
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,565.00	14.51 %
Gas	72,780.00	21.30 %
Hydro	9,718.00	2.84 %
Total TNB	132,063.0	38.65 %
ST-Coal	86,351.0	25.27 %
Gas	120,775.0	35.35 %
Total IPP	207,126.0	60.62 %
Co-Gen	1,946.0	0.57 %
Total Co-Gen	1,946.0	0.57 %
Total Generation	341,135.0	99.85 %
PLTG	179.0	0.05 %
HVDC	-703.0	-0.21 %
Interconnection	-524.0	-0.15 %
Net Energy	341,659.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	298
Hydro	130
Syncon	279
Thermal	177
Total	884

	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	
PGAU	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	-1
PGAU	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	24	-1	-1	-1	-1	-1	-1	-1	116	111	80	-1	-1	-1	-1	-1	-1	-1
PGAU	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	0
SYPS	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	0
SYPS	HY02	0	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	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	-1
TMGR	HY02	0	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	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	83	83	83	-1	-1	84	83	83	83	83
TMGR	HY04	30	28	28	31	29	30	31	35	35	35	34	28	33	36	34	33	36	38	40	34	44	79	79	78	79
UPIA	HY01	5	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		189	186	190	181	160	159	161	168	198	179	168	155	164	193	169	170	176	266	287	195	224	552	854	940	807
PCUF	CUFG	50	53	53	54	52	51	52	53	53	53	52	54	53	54	51	51	51	51	52	52	51	49	49	49	49
PCUF	CUFK	28	29	29	29	30	29	30	29	29	30	32	30	31	28	28	30	30	29	30	28	27	23	23	23	23
Total Co-Gen		78	82	82	83	82	80	82	82	82	83	84	84	84	82	79	81	81	80	82	80	78	72	72	72	72
Total Gen		13669	13105	12997	12741	12500	12238	12090	12011	11707	11796	11739	11702	11758	11945	11807	11767	12215	13270	13903	14529	14793	15223	15648	15914	15787
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
TIE-HVDC		-29	-29	-29	-29	-30	-30	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-30	-29
TIE-PLTG		76	54	-22	-20	-15	40	23	-75	-32	29	-38	68	21	-93	-56	151	-2	37	-22	18	-55	11	24	-9	
Interconnection		47	25	-51	-49	-45	10	-6	-104	-62	-1	-67	39	-8	-122	-85	122	-31	8	-51	-11	-84	-18	-6	-39	
System Total		13622	13080	13048	12790	12545	12228	12096	12115	11769	11797	11806	11663	11766	12067	11892	11645	12246	13262	13954	14540	14877	15241	15654	15953	15737
SRev ST-Coal		205	203	199	246	202	236	206	204	199	211	205	213	202	204	210	209	421	301	208	201	194	207	218	203	206
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
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
SRev CCGT-Gas		182	494	382	556	846	1043	1253	1341	1700	1581	1684	1700	1664	1502	1557	1602	947	149	121	191	159	167	202	204	
SRev OCGT-Gas		97	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82	138	229	31	252	103	265	
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
Syncon		580	580	580	580	580	580	580	429	580	580	580	580	580	429	580	580	580	474	474	580	494	151	0	151	
Hydro		131	134	130	139	138	139	137	130	251	119	130	143	134	256	129	128	122	138	117	103	75	90	129	225	
S.Reserve Total		1199	1507	1295	1525	1770	2002	2180	2259	2583	2495	2603	2640	2584	2395	2480	2517	2074	1148	1062	1308	957	871	656	1052	