

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,075 MW
Hydro	1,827 MW
Distillate	1,010 MW
Total TNB	8,052 MW
Total IPP	10,279 MW
Total Co-Gen	50 MW
System Total	18,381 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30	
TNB Generation	6,944 MW
IPP Generation	9,232 MW
Total Set On Bus	17,181 MW
Maximum Demand	16,437 MW
Spinning Reserve	955 MW
Net Energy	341,412 MWH
Load Factor	86.5 %

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	13827	13001	12599	12065	11619	11582	11772	11743	12400	14055	15094	15688	15822	15331	16060	16261	16314	15946	14715	14343	15480	15462	15089	14558

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	58
PAKA	169
SRDG	18
TJGS	104
TNB Total	396
KLPP	13
MPSS	58
PGLA	58
PKLG	3
PLPS	57
SGB3	20
SGRI	64
SKSP	55
YPGS	69
YPKA	131
IPP Total	528

Total Gas 924
Total Gas Required : 1,515
Gas Calorific Value : 38,500
Alternate Fuel Usage

Station	(mmscfd)
CBPS	41
KLPP	97
PDPS	39
PGGS	20
PGLA	55
PGPS	64
PKLG	65
PLPS	60
PTEK	8
SGB3	39
SGRI	84
SRDG	18
Total	591

Generation Mix

Type	MWh	Percentage
ST-Coal	47,860.00	14.02 %
ST-Oil	1,314.00	0.38 %
Gas	49,664.00	14.55 %
Hydro	20,092.00	5.88 %
Distillate	13,639.00	3.99 %
Total TNB	132,569.0	38.83 %
ST-Coal	81,181.0	23.78 %
ST-Oil	6,427.0	1.88 %
Gas	72,233.0	21.16 %
Distillate	43,928.0	12.87 %
Total IPP	203,769.0	59.68 %
Co-Gen	1,424.0	0.42 %
Total Co-Gen	1,424.0	0.42 %
Total Generation	337,762.0	98.93 %
PLTG	-4,771.0	-1.40 %
HVDC	1,121.0	0.33 %
Interconnection	-3,650.0	-1.07 %
Net Energy	341,412.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	434
Hydro	293
Syncon	174
Thermal	28
Total	929

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	33



Daily MW Generation On Wednesday

22-May-2013

Table with 23 columns representing hourly generation from 0000 to 2300. Rows include various power generation units (e.g., TMGR, UPIA, CBPS, KLPP, PGLA, SGR1, PLPS, PCUF) and their respective MW output values for each hour.

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																										
SRev ST-Oil		19	15	24	22	15	15	14	13	15	15	16	14	13	14	13	13	13	14	15	16	16	16	16	18	18	19	18	23	23	24	24	26	26	25	25	24	23	22												
SRev CCGT-Gas		260	280	194	375	808	961	1094	1297	1433	1615	1599	1664	1448	1599	1596	1544	1266	667	235	232	260	251	286	268	275	315	310	291	309	269	292	304	372	279	321	240	479	543	773	318	187	204	206	302	213	280	276	396		
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 Distillate		59	333	233	241	30	37	38	28	35	143	218	293	335	198	376	542	418	413	323	232	169	167	202	209	211	306	222	307	254	256	261	260	315	313	307	343	372	344	285	177	164	173	169	151	185	274	239	50		
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		302	388	237	625	625	625	625	625	625	625	625	474	625	625	625	625	625	474	237	237	86	0	0	302	453	453	0	0	0	0	0	0	0	0	0	0	0	539	453	453	453	539	474	388	388	388	388	388	539	
Hydro		137	290	224	95	59	63	118	115	122	116	106	112	66	219	147	238	102	93	101	237	406	406	489	386	491	407	389	203	389	250	394	381	427	315	483	249	231	206	191	344	235	236	285	275	263	306	408	223		
S.Reserve Total		843	1322	932	1364	1547	1718	1907	2095	2245	2527	2580	2720	2692	2567	2780	2983	2437	1829	1316	1207	1108	1107	1091	897	1012	1365	1417	1313	1012	806	986	1029	1144	955	1157	1430	1577	1657	1752	1327	1156	1121	1086	1151	1101	1322	1388	1232		