

**Availability At Daily Maximum Demand Hour**

ST-Coal	1,350 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,362 MW
Hydro	1,789 MW
Distillate	0 MW
<b>Total TNB</b>	<b>6,571 MW</b>
<b>Total IPP</b>	<b>10,980 MW</b>
<b>Total Co-Gen</b>	<b>48 MW</b>
<b>System Total</b>	<b>17,599 MW</b>

**Set On Bus, TNB, IPP And MD**

At Daily Maximum Demand Hour : 11:30

TNB Generation	4,221 MW
IPP Generation	10,021 MW
Total Set On Bus	15,339 MW
Maximum Demand	14,196 MW
Spinning Reserve	1,049 MW
Net Energy	301,825 MWH
Load Factor	88.6 %

**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	11874	11070	10880	10682	10405	10351	10622	10834	11360	12945	13621	14121	14057	13609	13889	14072	14093	13912	13051	13128	13878	13683	12967	12447

**Gas Usage**

Station	(mmscfd)
CBPS	48
PAKA	120
PGPS	27
SRDG	31
TJGS	110
<b>TNB Total</b>	<b>335</b>
KLPP	109
MPSS	57
PDPS	12
PGLA	93
PKLG	63
PLPS	95
SGB3	81
SGRI	189
SKSP	51
YPGS	67
YPKA	98
<b>IPP Total</b>	<b>916</b>
<b>Total Gas</b>	<b>1,251</b>
<b>Total Gas Required :</b>	<b>1,251</b>
<b>Gas Calorific Value :</b>	<b>38.500</b>

**Generation Mix**

Type	MWh	Percentage
ST-Coal	32,134.00	10.65 %
Gas	41,797.00	13.85 %
Hydro	12,719.00	4.21 %
<b>Total TNB</b>	<b>86,650.0</b>	<b>28.71 %</b>
ST-Coal	98,556.0	32.65 %
ST-Gas	5,252.0	1.74 %
Gas	111,213.0	36.85 %
<b>Total IPP</b>	<b>215,021.0</b>	<b>71.24 %</b>
Co-Gen	1,198.0	0.40 %
<b>Total Co-Gen</b>	<b>1,198.0</b>	<b>0.40 %</b>
<b>Total Generation</b>	<b>302,869.0</b>	<b>100.35 %</b>
PLTG	321.0	0.11 %
HVDC	723.0	0.24 %
<b>Interconnection</b>	<b>1,044.0</b>	<b>0.35 %</b>
<b>Net Energy</b>	<b>301,825.0</b>	<b>100.00 %</b>

**Average SR During Peak Hour**

Type	MW
GT	274
Hydro	102
Syncon	540
Thermal	87
<b>Total</b>	<b>1003</b>

	Weather	Temperature
Morning	Cloudy	23
Afternoon	Cloudy	31





Daily MW Generation On Tuesday

10-Sep-2013

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																									
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	32	36	34	36	36	38	38	34	36	36	37	41	38	37	34	32	31	29	32	34	32	30	30	33	34	34	33	34	34	35	35	34	34	35	34	38	35	48	45	39	41	32	34	29	30	37			
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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Total Hydro		643	477	214	216	220	232	229	237	220	216	209	222	194	254	216	277	495	501	485	485	527	608	651	786	787	697	628	606	604	639	641	556	554	554	555	554	521	581	561	958	899	899	904	824	863	738	774	746	
PCUF	CUFG	26	27	27	26	27	27	27	28	27	27	28	27	27	27	26	25	27	27	28	27	29	27	28	29	28	29	29	29	28	29	29	30	30	30	30	30	30	30	30	30	30	30	31	30	30	31			
PCUF	CUFK	22	22	22	21	22	22	22	21	22	23	22	23	23	23	23	23	23	23	23	20	21	21	21	21	21	21	20	20	20	20	21	20	21	21	27	26	20	21	21	21	21	22	23	22	23				
Total Co-Gen		48	49	49	47	49	49	49	50	48	49	51	49	49	49	50	50	50	48	48	50	48	49	50	48	49	49	49	49	49	50	51	57	56	50	51	51	51	51	51	53	53	52	54						
Total Gen		11883	11485	11090	11032	10880	10693	10682	10485	10405	10359	10351	10445	10622	10863	10834	10814	11360	12329	12945	13305	13621	13956	14121	14196	14057	13741	13609	13727	13889	14121	14072	14070	14093	14141	13912	13455	13051	12987	13128	13908	13878	13816	13683	13400	12967	12743	12447	12063	
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		
TIE-HVDC		31	30	31	31	31	31	32	29	32	29	29	29	31	31	30	30	30	30	30	30	31	29	30	30	30	30	31	29	29	31	31	30	30	29	29	30	31	29	29	30	31	29	29	30	30	30	30	29	
TIE-PLTG		-22	-53	-11	27	10	-6	-41	-13	-1	58	32	9	22	49	16	62	2	15	48	23	99	25	50	64	59	16	-6	-1	43	54	85	62	25	11	-55	26	70	-6	-121	-191	-118	-8	73	110	90	30	6	-76	
Interconnection		9	-23	20	58	41	25	-9	16	31	87	61	38	51	80	47	92	32	45	80	54	128	55	80	94	89	46	25	28	72	85	115	92	55	42	-24	56	100	23	-92	-161	-87	21	102	140	120	60	36	-47	
System Total		11874	11508	11070	11032	10880	10693	10682	10485	10405	10359	10351	10445	10622	10863	10834	10814	11360	12329	12945	13305	13621	13956	14121	14196	14057	13741	13609	13727	13889	14121	14072	14070	14093	14141	13912	13455	13051	12987	13128	13908	13878	13816	13683	13400	12967	12743	12447	12063	
SRev ST-Coal		125	122	151	150	144	136	115	77	68	94	77	84	78	126	103	102	105	87	105	99	94	76	86	106	100	97	90	118	108	107	114	103	98	86	95	107	105	106	119	121	95	115	107	90	97	110	78	95	
SRev ST-Gas		37	37	37	37	37	37	37	37	37	37	37	37	37	36	36	41	10	0	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	7	40	37	119	31	5	-1	-1	-1	5	40	36				
SRev CCGT-Gas		715	571	608	621	806	1032	1112	1331	1386	1416	1462	1596	1184	945	963	1001	1340	594	587	424	257	293	121	164	176	439	531	435	272	196	214	140	161	140	284	327	519	527	419	129	161	123	194	306	443	583	610	713	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	168	81	136	49	84	64	193	205	202	201	201	66	66	91	87	85	8	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	
Syncon		625	625	731	731	731	731	731	580	731	731	731	731	731	580	731	580	625	625	626	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	580	
Hydro		178	194	141	139	155	123	126	269	135	139	146	133	111	202	91	286	128	122	136	137	174	168	225	90	89	179	248	119	119	84	82	105	107	107	107	108	141	232	104	125	98	98	93	151	82	107	71	144	
S.Reserve Total		1680	1549	1668	1678	1853	2059	2121	2294	2357	2417	2453	2381	2141	1890	1925	2005	2234	1469	1632	1366	1285	1210	1140	1049	1183	1544	1544	1497	1324	1077	1100	1063	1077	1042	1118	1166	1397	1379	1304	1033	1010	966	1018	1171	1246	1430	1424	1568	