

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,231	MW
Hydro	1,830	MW
Distillate	0	MW
Total TNB	8,271	MW
Total IPP	11,072	MW
Total Co-Gen	56	MW
System Total	19,399	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	5,781	MW
IPP Generation	9,272	MW
Total Set On Bus	15,988	MW
Maximum Demand	15,080	MW
Spinning Reserve	879	MW
Net Energy	307,307	MWH
Load Factor	84.9	%

Maximum Demand Record

Date :	20/06/2012	15,826.0 MW
Date :	20/06/2012	328,716.0 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	11576	11073	10616	10371	10112	10145	10462	10545	11324	12904	13915	14578	14461	14237	14746	15006	15080	14660	13579	13765	14094	13897	13266	12596

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	31
PAKA	43
PGPS	26
SRDG	22
TJGS	185
TNB Total	356
KLPP	91
MPSS	55
PGLA	49
PKLG	4
PLPS	98
SGB3	83
SGRI	77
SKSP	53
YPGS	69
YPKA	132
IPP Total	712
Total Gas	1,068
Total Gas Required :	1,189
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	121
Total	121

Generation Mix

Type	MWh	Percentage
ST-Coal	49,467.00	16.10 %
Gas	46,812.00	15.23 %
Hydro	13,246.00	4.31 %
Total TNB	109,525.0	35.64 %
ST-Coal	93,271.0	30.35 %
ST-Oil	11,874.0	3.86 %
Gas	92,127.0	29.98 %
Distillate	9.0	0.00 %
Total IPP	197,281.0	64.20 %
Co-Gen	1,449.0	0.47 %
Total Co-Gen	1,449.0	0.47 %
Total Generation	308,255.0	100.31 %
PLTG	226.0	0.07 %
HVDC	722.0	0.23 %
Interconnection	948.0	0.31 %
Net Energy	307,307.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	292
Hydro	194
Syncon	457
Thermal	14
Total	956

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Hot 31

Daily MW Generation On Wednesday

07-Nov-2012

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
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	17	18	18	18	18	19	19	19	19	20	18	18	18	17	17	16	16	16	16	16	16	17	16	18
PCUF	CUFK	35	35	36	37	37	37	37	38	40	38	37	38	40	40	40	38	38	39	36	37	36	36	35	35
Total Co-Gen		52	53	54	55	55	56	55	56	58	56	55	57	59	59	60	56	56	57	53	54	52	52	51	52
Total Gen		11638	11295	11116	10951	10647	10492	10429	10406	10216	10238	10242	10275	10387	10772	10594	10714	11361	12432	12914	13422	14017	14173	14571	14645
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	31	31	30	30	30	30	30	31	31	29	29	30	30	30	30	30	31	31	31	31
TIE-PLTG		32	12	13	106	2	-42	28	84	75	110	68	-20	-104	44	18	-12	8	57	-20	-56	72	-19	-37	
Interconnection		62	42	43	136	32	-11	59	114	105	140	98	10	-74	75	49	17	37	87	10	-26	102	11	-7	
System Total		11576	11253	11073	10815	10615	10503	10370	10292	10111	10098	10144	10265	10461	10697	10545	10697	11324	12345	12904	13448	13915	14162	14578	14615
SRev ST-Coal		19	24	21	5	87	84	90	90	273	269	260	265	287	58	14	6	13	9	24	24	-8	-8	-11	
SRev ST-Oil		4	4	12	9	56	56	56	56	56	56	56	56	56	5	5	5	3	3	3	3	3	3	3	3
SRev CCGT-Gas		888	1085	1201	1340	1323	1299	1329	1353	1362	1351	1353	1330	1274	1247	1300	1400	1661	861	733	505	352	312	216	
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
SRev Distillate		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 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		474	474	474	474	575	575	575	575	575	575	424	172	474	474	474	474	625	625	625	625	474	474	474	625
Hydro		207	139	198	244	104	114	129	150	130	121	123	111	186	308	148	117	128	203	107	98	226	168	165	
S.Reserve Total		1592	1726	1906	2072	2245	2228	2279	2304	2496	2472	2467	2437	2327	1941	1992	2153	2378	1657	1476	1244	1215	1132	964	959