

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,936	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	7,979	MW
Total IPP	10,652	MW
Total Co-Gen	87	MW
System Total	18,718	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30		
TNB Generation	5,731	MW
IPP Generation	9,158	MW
Total Set On Bus	15,901	MW
Maximum Demand	15,065	MW
Spinning Reserve	925	MW
Net Energy	313,964	MWH
Load Factor	86.8	%

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	12421	11824	11391	11111	10816	10835	11026	11116	11415	13035	13996	14556	14522	14229	14830	15004	14928	14690	13441	13319	14209	14070	13628	13292

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	57
PAKA	91
PGPS	52
SRDG	22
TJGS	175
TNB Total	455
KLPP	107
MPSS	57
PGLA	93
PLPS	113
SGB3	85
SGRI	64
SKSP	52
YPGS	34
YPKA	135
IPP Total	740
Total Gas	1,195
Total Gas Required :	1,334
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	127
TJGS	12
Total	139

Generation Mix

Type	MWh	Percentage
ST-Coal	49,645.00	15.81 %
Gas	57,766.00	18.40 %
Hydro	12,818.00	4.08 %
Distillate	1,485.00	0.47 %
Total TNB	121,714.0	38.77 %
ST-Coal	81,892.0	26.08 %
ST-Oil	12,467.0	3.97 %
Gas	96,218.0	30.65 %
Total IPP	190,577.0	60.70 %
Co-Gen	2,228.0	0.71 %
Total Co-Gen	2,228.0	0.71 %
Total Generation	314,519.0	100.18 %
PLTG	-176.0	-0.06 %
HVDC	731.0	0.23 %
Interconnection	555.0	0.18 %
Net Energy	313,964.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	343
Hydro	263
Syncon	320
Thermal	10
Total	936

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Daily MW Generation On Thursday

17-Jan-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																										
TJGS	GTIB	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	48	48	89	89	89	89	89	89	89	123	123	139	139	154	154	167	167	181				
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	0	0	0	0	48	48	89	89	89	89	89	89	123	123	139	139	154	154	167	167	181					
PCUF	CUFG	50	52	51	52	52	51	53	51	51	52	51	53	51	51	53	51	52	51	50	51	50	51	54	52	52	51	52	53	52	50	50	51	50	51	51	51	52	51	52	51	52	51	52	51	51	51				
PCUF	CUFK	34	36	34	34	35	35	36	34	34	35	34	34	35	35	35	34	34	34	35	35	33	33	33	33	35	34	34	34	34	35	35	31	33	32	34	33	34	35	34	34	34	34	34	32	34	35	34	34		
Total Co-Gen		84	88	85	86	87	86	89	85	85	87	85	87	86	88	87	85	85	87	86	87	84	83	84	83	84	89	86	86	85	86	88	87	81	83	83	84	84	85	87	85	86	85	86	83	86	88	85	85		
Total Gen		12443	12095	11852	11587	11383	11224	11069	10938	10871	10815	10781	10855	10936	11416	11209	11170	11584	12440	12984	13584	14018	14452	14641	14825	14605	14316	14252	14459	14850	15087	15040	14976	14963	14928	14810	14120	13513	13309	13354	13971	14233	14178	14094	13965	13679	13530	13357	12872		
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	0	0	
TIE-HVDC		30	30	31	31	30	30	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	30	30		
TIE-PLTG		-8	-86	-3	-91	-38	16	-73	-28	25	-40	-84	46	-121	7	62	55	139	-15	-80	-40	-8	30	54	1	52	-9	-8	-18	-11	16	6	-119	5	40	90	31	42	-32	4	-32	-7	-36	-7	16	20	-28	35	12		
Interconnection		22	-56	28	-60	-8	46	-42	3	55	-10	-54	76	-90	38	93	86	169	15	-51	-11	22	60	85	32	83	22	23	13	20	47	36	-89	35	71	120	61	72	-2	35	-1	24	-5	24	47	51	3	65	42		
System Total		12421	12151	11824	11647	11391	11178	11111	10935	10816	10825	10835	10779	11026	11378	11116	11084	11415	12425	13035	13595	13996	14392	14556	14793	14522	14294	14229	14446	14830	15040	15004	15065	14928	14857	14690	14059	13441	13311	13319	13972	14209	14183	14070	13918	13628	13527	13292	12830		
SRev ST-Coal		4	-2	2	11	3	0	9	3	40	0	13	-9	-1	8	-4	-3	13	2	5	3	-4	-2	32	21	49	63	69	76	20	94	-6	-2	12	8	14	18	11	13	4	15	23	20	7	15	16	19	11	5		
SRev ST-Oil		-3	-3	-1	1	0	-2	-1	-2	-5	-2	-8	-2	11	-6	-1	2	-4	-3	-8	-29	-7	-2	-2	-16	-1	-1	5	15	21	35	35	30	28	28	6	3	1	-2	-2	-2	-1	-1	-4	-1	-1	-1	-2			
SRev CCGT-Gas		619	802	1014	1290	1480	1638	1794	1929	1966	2051	1886	1801	1720	1488	1437	1466	1416	842	549	307	192	230	349	225	358	265	325	296	309	373	264	358	433	468	585	615	597	569	663	656	503	481	484	375	201	257	343	831		
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		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 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		726	726	726	726	726	726	726	726	726	726	575	726	424	726	726	726	726	575	575	575	323	323	323	323	625	625	625	474	474	474	172	172	172	172	172	172	172	625	726	726	726	172	172	323	323	474	625	625	726	726
Hydro		108	78	116	93	100	65	57	58	53	63	68	202	46	77	61	63	135	121	234	228	228	325	253	240	248	322	264	169	320	171	278	304	287	284	310	90	164	78	78	510	404	344	438	282	238	140	129	63		
S.Reserve Total		1454	1601	1857	2121	2309	2427	2585	2714	2780	2838	2691	2561	2489	2008	2214	2251	2292	1687	1360	1105	1043	947	1052	949	1182	1419	1429	1315	1284	1138	1057	925	986	1012	1120	1365	1512	1398	1480	1328	1077	1128	1251	1127	1064	1027	1195	1622		