

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,181 MW
Hydro	1,833 MW
Distillate	0 MW
Total TNB	8,224 MW
Total IPP	10,517 MW
Total Co-Gen	42 MW
System Total	18,783 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	6,206 MW
IPP Generation	8,453 MW
Total Set On Bus	15,756 MW
Maximum Demand	14,684 MW
Spinning Reserve	1,055 MW
Net Energy	300,689 MWH
Load Factor	85.3 %

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	11126	10645	10170	9885	9722	9530	9623	10176	10987	12988	13673	14388	14470	14111	14515	14613	14544	14275	13245	13381	13969	13521	12985	12446

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	57
PAKA	125
PGPS	37
SRDG	32
TJGS	210
TNB Total	507
KLPP	107
MPSS	55
PDPS	13
PGLA	100
PLPS	77
SGB3	77
SGRI	70
SKSP	53
YPKA	127
IPP Total	679
Total Gas	1,186
Total Gas Required :	1,186
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	48,289.00	16.06 %
Gas	64,950.00	21.60 %
Hydro	10,236.00	3.40 %
Total TNB	123,475.0	41.06 %
ST-Coal	87,407.0	29.07 %
ST-Oil	137.0	0.05 %
Gas	87,875.0	29.22 %
Total IPP	175,419.0	58.34 %
Co-Gen	1,338.0	0.44 %
Total Co-Gen	1,338.0	0.44 %
Total Generation	300,232.0	99.85 %
PLTG	157.0	0.05 %
HVDC	-614.0	-0.20 %
Interconnection	-457.0	-0.15 %
Net Energy	300,689.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	283
Hydro	174
Syncon	485
Thermal	28
Total	970

Weather Temperature

Weather	Temperature
Morning	Sunny 27
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																												
PCUF	CUFG	21	21	22	22	21	21	21	21	21	22	23	23	22	22	22	22	21	20	19	20	20	20	16	16	15	17	18	17	18	17	16	17	15	15	16	16	16	15	17	18	18	18	17	17	16	16	17					
PCUF	CUFK	34	38	35	36	34	36	35	35	35	34	34	34	35	34	33	33	30	28	26	26	26	28	27	27	26	24	25	24	26	28	28	34	34	29	29	30	28	30	31	31	34	33	34	34	35	35						
Total Co-Gen		55	59	57	58	55	57	56	56	56	55	56	58	57	56	56	57	56	54	53	49	48	46	46	44	43	42	43	42	42	42	43	44	45	49	49	45	45	46	43	47	49	49	52	50	51	50	51	52				
Total Gen		11096	11047	10815	10346	10156	9971	9871	9814	9682	9581	9574	9679	9626	9975	10159	10408	11011	12103	12871	13332	13504	14068	14329	14501	14500	14243	14193	14295	14541	14701	14661	14678	14556	14581	14281	13813	13267	13151	13341	13860	13946	13763	13508	13298	13092	12905	12387	12178				
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		31	30	30	-30	-30	-29	-30	-29	-29	-30	-30	-30	-29	-29	-30	-30	-28	-28	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29			
TIE-PLTG		-61	-62	140	-45	16	42	16	-10	-11	-23	74	39	33	-56	12	54	54	-41	-88	-83	-139	-79	-31	25	59	93	112	33	55	46	77	51	41	5	35	56	51	4	-11	-118	6	62	21	35	136	45	-30	-9				
Interconnection		-30	-32	170	-73	-14	13	-14	-39	-40	-53	44	9	3	-85	-17	24	24	-70	-117	-113	-169	-107	-59	-4	30	63	82	4	26	17	48	22	12	-24	6	27	22	-25	-40	-147	-23	32	-9	6	107	16	-59	-39				
System Total		11126	11079	10645	10419	10170	9958	9885	9853	9722	9634	9530	9670	9623	10060	10176	10384	10987	12173	12988	13445	13673	14175	14388	14505	14470	14180	14111	14291	14515	14684	14613	14656	14544	14605	14275	13786	13245	13176	13381	14007	13969	13731	13517	13292	12985	12889	12446	12217				
SRev ST-Coal		73	99	89	320	511	506	502	566	561	613	615	615	619	544	441	236	69	30	3	22	22	21	36	49	67	40	57	35	41	40	50	30	41	38	25	21	17	16	18	8	20	28	15	23	35	42	17	7				
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	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 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	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 CCGT-Gas		708	727	933	1356	1538	1581	1676	1630	1744	1748	1757	1648	1682	1484	1479	1522	1424	850	400	297	480	365	271	265	260	325	396	268	197	228	264	262	494	363	424	239	656	793	584	108	315	283	275	467	330	349	681	818				
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	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	0	0
Syncon		726	726	726	726	726	726	575	575	726	726	726	726	575	726	575	726	726	726	424	424	323	424	424	424	575	726	726	726	575	575	575	575	726	726	726	726	726	726	726	424	575	726	726	575	726	726	424	575				
Hydro		106	86	120	108	110	113	119	224	249	113	115	110	112	239	99	257	108	104	102	233	237	157	187	111	265	341	136	208	243	211	274	240	239	218	92	87	100	81	95	66	265	221	89	97	270	69	101	356				
S.Reserve Total		1613	1638	1868	2510	2885	2926	3023	2995	3129	3200	3213	3099	3139	2842	2745	2590	2327	1710	1231	976	1163	857	914	850	1013	1279	1314	1239	1209	1055	1163	1097	1340	1362	1333	1073	1499	1616	1423	908	1109	1107	1105	1313	1210	1186	1525	1605				