

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,156 MW
Hydro	1,813 MW
Distillate	0 MW
Total TNB	7,489 MW
Total IPP	10,442 MW
Total Co-Gen	44 MW
System Total	18,255 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,491 MW
IPP Generation	8,872 MW
Total Set On Bus	15,448 MW
Maximum Demand	14,479 MW
Spinning Reserve	1,041 MW
Net Energy	291,768 MWH
Load Factor	84.0 %

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	10888	10268	9862	9654	9320	9244	9450	9632	10545	12443	13290	13933	14023	13796	14176	14442	14479	14098	13004	13194	13517	13208	12643	12326

Gas Usage

Station	(mmscfd)
CBPS	47
GLGR	57
PAKA	139
SRDG	24
TJGS	207
TNB Total	474
KLPP	106
MPSS	56
PDPS	3
PGLA	53
PKLG	2
PLPS	104
SGB3	83
SGRI	128
SKSP	53
YPGS	59
YPKA	63
IPP Total	710
Total Gas	1,184

Total Gas Required : 1,184
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,110.00	11.01 %
Gas	61,877.00	21.21 %
Hydro	11,642.00	3.99 %
Total TNB	105,629.0	36.20 %
ST-Coal	92,673.0	31.76 %
Gas	91,425.0	31.33 %
Total IPP	184,098.0	63.10 %
Co-Gen	1,368.0	0.47 %
Total Co-Gen	1,368.0	0.47 %
Total Generation	291,095.0	99.77 %
PLTG	23.0	0.01 %
HVDC	-696.0	-0.24 %
Interconnection	-673.0	-0.23 %
Net Energy	291,768.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	363
Hydro	190
Syncon	451
Thermal	13
Total	1017

Weather Temperature

Weather	Temperature
Morning	Sunny 28
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	CUFK	38	38	37	37	37	37	38	37	36	37	38	37	39	38	37	38	36	37	36	37	36	37	37	35	34	30	31	30	28	28	28	28	29	27	29	30	30	32	32	32	33	32	34	33	35	36	35			
Total Co-Gen		55	56	54	54	54	55	55	56	55	53	55	55	57	56	54	56	54	55	54	54	52	53	52	51	49	45	46	45	44	44	43	44	45	43	45	46	46	48	48	49	49	49	51	50	53	54	52			
Total Gen		10906	10558	10231	10059	9831	9730	9563	9505	9325	9329	9294	9380	9462	9642	9656	9845	10507	11693	12426	12868	13261	13565	13863	14029	13972	13901	13730	13843	14091	14476	14403	14377	14407	14276	14080	13534	13007	12750	13142	13610	13495	13404	13183	12957	12613	12465	12251	11895		
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		-29	-29	-29	-29	-30	-28	-30	-29	-28	-29	-29	-28	-28	-29	-29	-30	-30	-28	-28	-28	-31	-28	-28	-29	-29	-29	-31	-31	-28	-30	-28	-29	-29	-28	-30	-29	-29	-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29		
TIE-PLTG		47	0	-8	31	-1	-4	-61	8	33	30	79	-24	40	24	53	80	-8	63	12	-21	1	-130	-42	6	-20	11	-38	-96	-56	72	-8	10	-44	-104	10	32	32	15	-22	17	7	10	4	-39	-1	3	-47	-8		
Interconnection		18	-29	-37	2	-31	-32	-91	-21	5	-1	50	-52	12	-5	24	-50	-38	34	-17	-51	-29	-158	-70	-22	-51	-17	-66	-125	-85	43	-39	-21	-72	-134	-18	3	3	-13	-52	-12	-22	-19	-25	-68	-30	-25	-75	-37		
System Total		10888	10587	10268	10057	9862	9762	9654	9526	9320	9328	9244	9432	9450	9647	9632	9795	10545	11659	12443	12919	13290	13723	13933	14051	14023	13918	13796	13968	14176	14433	14442	14398	14479	14410	14098	13531	13004	12763	13194	13622	13517	13423	13208	13025	12643	12490	12326	11955		
SRev ST-Coal		15	275	239	260	286	415	422	426	472	459	479	471	467	479	469	428	147	10	4	16	17	2	11	18	8	4	11	2	17	8	22	3	-11	-28	94	90	51	20	19	22	25	20	24	19	20	18	15	10		
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	
SRev CCGT-Gas		889	750	1018	1112	1340	1489	1606	1638	1711	1719	1731	1673	1597	1623	1579	1510	1887	1128	1112	772	488	376	240	318	329	243	406	457	247	260	294	339	345	353	234	222	612	809	422	204	292	391	337	357	363	264	341	475		
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 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	727	490	641	641	641	540	540	389	540	389	540	389	389	540	540	540	540	625	474	474	474	474	474	474	625	625	625	625	474	625	625	726	575	726	726	726	726			
Hydro		102	120	144	126	121	115	245	117	124	118	131	110	112	230	122	109	119	208	138	274	138	229	165	231	245	103	101	185	231	131	192	191	192	238	190	107	120	111	114	237	111	108	178	222	97	119	120	112		
S.Reserve Total		1732	1871	2127	2224	2473	2745	2848	2907	3033	3032	3067	2980	2903	2907	2896	2773	2879	1971	1879	1536	1268	1081	1170	1112	1168	1087	1254	1292	1148	972	1025	1050	1041	1073	1120	1066	1408	1665	1180	937	1053	1144	1265	1173	1206	1127	1202	1323		