

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	3,206	MW
Hydro	1,830	MW
Distillate	1,060	MW
Total TNB	8,306	MW
Total IPP	10,392	MW
Total Co-Gen	66	MW
System Total	18,764	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00

TNB Generation	6,419	MW
IPP Generation	8,549	MW
Total Set On Bus	16,336	MW
Maximum Demand	15,088	MW
Spinning Reserve	1,302	MW
Net Energy	313,304	MWH
Load Factor	86.5	%

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	12418	11756	11292	11016	10754	10558	10824	10877	11517	13007	13842	14615	14588	14341	14717	15088	15023	14744	13573	13669	14284	14035	13497	13083

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	61
PAKA	147
PGPS	26
TJGS	107
TNB Total	388
KLPP	68
MPSS	56
PGLA	54
PLPS	105
SGB3	32
SGRI	75
SKSP	57
YPGS	69
YPKA	131
IPP Total	646
Total Gas	1,034

Total Gas Required : 1,359
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	24
PDPS	7
PGPS	13
PKLG	114
SGB3	14
SGRI	16
SRDG	28
TJGS	109
Total	325

Generation Mix

Type	MWh	Percentage
ST-Coal	48,984.00	15.63 %
ST-Oil	1,256.00	0.40 %
Gas	49,610.00	15.83 %
Hydro	12,878.00	4.11 %
Distillate	18,192.00	5.81 %
Total TNB	130,920.0	41.79 %
ST-Coal	78,492.0	25.05 %
ST-Gas	347.0	0.11 %
ST-Oil	11,106.0	3.54 %
Gas	83,892.0	26.78 %
Distillate	7,447.0	2.38 %
Total IPP	181,284.0	57.86 %
Co-Gen	1,819.0	0.58 %
Total Co-Gen	1,819.0	0.58 %
Total Generation	314,023.0	100.23 %
PLTG	-6.0	0.00 %
HVDC	725.0	0.23 %
Interconnection	719.0	0.23 %
Net Energy	313,304.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	409
Hydro	170
Syncon	404
Thermal	33
Total	1016

Weather		Temperature
Morning	Sunny	24
Afternoon	Hot	33

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
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	97	97	95	95	94	94	94	93
SRDG	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	122	125	123	123	123	121	121	121
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125	122	122	122	121	122	122	121
TJGS	GT2A	228	228	229	229	228	192	192	174	174	173	172	174	173	173	173	227	227	223	228	228	228	227	228	228
TJGS	GT2B	224	224	225	225	224	188	188	171	166	168	169	170	167	167	169	168	223	225	219	223	224	222	222	225
TJGS	ST2C	243	244	243	242	242	222	221	207	209	210	209	210	210	209	208	210	244	240	241	243	242	244	245	244
Total Distillate		695	696	697	696	694	602	601	552	549	551	550	552	551	549	550	551	694	692	683	694	733	867	1038	
PCUF	CUFG	42	42	43	42	44	43	42	42	44	42	42	43	43	42	42	42	42	43	42	44	42	42	41	
PCUF	CUFK	33	32	31	34	34	34	36	33	34	33	36	35	34	34	34	32	33	33	29	31	29	25	24	
Total Co-Gen		75	74	74	76	78	77	78	75	78	75	78	77	76	76	75	76	73	72	74	71	67	66	66	
Total Gen		12488	12113	11834	11606	11407	11229	11161	10809	10816	10740	10655	10847	10843	11218	11063	10730	11529	12385	13145	13425	13905	14241	14554	
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	
TIE-HVDC		30	31	31	29	29	30	30	30	30	31	31	30	30	30	30	30	30	30	30	30	30	31	31	
TIE-PLTG		40	35	47	20	86	-13	115	21	32	-72	66	-48	-11	47	155	-72	-18	48	108	-57	33	-64		
Interconnection		70	66	78	49	115	17	145	51	62	-41	97	-18	19	78	186	-42	12	78	138	-27	63	-34		
System Total		12418	12047	11756	11557	11292	11212	11016	10758	10754	10781	10558	10865	10824	11140	10877	10772	11517	12307	13007	13452	13842	14275	14615	
SRev ST-Coal		14	144	129	204	204	201	76	138	149	146	136	123	142	126	86	137	18	14	25	22	19	17		
SRev ST-Oil		39	11	12	9	10	9	9	29	37	37	37	37	37	39	39	68	15	13	13	13	12	14		
SRev CCGT-Gas		352	384	699	805	866	898	1068	1362	1294	1362	1417	1290	1032	874	822	1233	1272	790	462	449	479	458		
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		
SRev Distillate		5	4	3	4	6	98	99	148	151	149	150	148	149	151	150	149	6	8	17	6	67	63		
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		
Syncon		474	625	625	726	575	726	726	726	726	726	575	424	726	726	726	625	474	323	323	323	323	474		
Hydro		123	185	164	106	352	108	131	135	92	83	125	75	247	194	138	109	124	142	192	232	175	193		
S.Reserve Total		1007	1353	1632	1854	2013	2040	2109	2538	2449	2503	2591	2399	2182	1806	1961	2393	2214	1695	1334	1196	1076	1066		