

Availability At Daily Maximum Demand Hour

ST-Coal	1,200	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,437	MW
Hydro	1,499	MW
Distillate	760	MW
Total TNB	6,976	MW
Total IPP	10,552	MW
Total Co-Gen	65	MW
System Total	17,593	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,546	MW
IPP Generation	9,141	MW
Total Set On Bus	15,632	MW
Maximum Demand	14,803	MW
Spinning Reserve	880	MW
Net Energy	306,160	MWH
Load Factor	86.2	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	12032	11517	10822	10469	10564	10308	10572	10595	11200	12765	13668	14364	14225	14002	14564	14646	14744	14189	13256	13067	13996	13862	13367	13060

Gas Usage

Station	(mmscfd)
GLGR	55
PAKA	181
PGPS	48
SRDG	38
TJGS	52
TNB Total	373
KLPP	4
MPSS	46
PDPS	6
PGLA	53
PKLG	1
PLPS	99
SGB3	69
SGRI	120
SKSP	51
YPGS	34
YPKA	140
IPP Total	623
Total Gas	997
Total Gas Required :	1,235
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	17
PKLG	124
TJGS	98
Total	239

Generation Mix

Type	MWh	Percentage
ST-Coal	27,359.00	8.94 %
ST-Oil	1,563.00	0.51 %
Gas	45,710.00	14.93 %
Hydro	14,056.00	4.59 %
Distillate	14,823.00	4.84 %
Total TNB	103,511.0	33.81 %
ST-Coal	105,320.0	34.40 %
ST-Oil	12,154.0	3.97 %
Gas	83,853.0	27.39 %
Total IPP	201,327.0	65.76 %
Co-Gen	1,744.0	0.57 %
Total Co-Gen	1,744.0	0.57 %
Total Generation	306,582.0	100.14 %
PLTG	-299.0	-0.10 %
HVDC	721.0	0.24 %
Interconnection	422.0	0.14 %
Net Energy	306,160.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	343
Hydro	178
Syncon	343
Thermal	52
Total	915

	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	
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
TMGR	HY03	76	81	81	35	31	31	29	34	34	32	34	35	35	33	30	32	36	33	36	81	81	81	81	81	
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Total Hydro		473	494	512	437	347	395	177	238	237	230	258	238	242	449	311	321	340	409	450	737	772	909	1032	1033	
TJGS	GT2A	225	227	135	132	131	131	130	131	132	131	132	132	131	131	131	130	230	226	227	226	226	224	224	224	222
TJGS	GT2B	223	223	132	131	128	128	128	128	128	128	130	128	129	129	129	130	128	226	224	222	224	224	224	224	222
TJGS	ST2C	246	246	183	191	192	191	191	191	191	191	191	191	191	191	191	238	246	246	246	246	246	246	247	245	
Total Distillate		694	696	450	454	451	450	449	450	451	450	453	451	450	451	451	452	449	694	696	695	696	696	694	694	
PCUF	CUFG	22	22	22	23	22	22	21	23	22	23	22	25	25	25	24	25	26	24	25	26	25	25	26	25	
PCUF	CUFK	38	41	41	41	40	40	40	42	41	42	43	43	40	37	40	43	43	41	40	40	42	40	41	42	
Total Co-Gen		60	63	63	64	62	62	61	65	63	65	65	68	65	62	64	68	68	67	64	65	68	65	66	67	
Total Gen		12085	11667	11356	11117	10915	10774	10559	10596	10590	10320	10258	10297	10556	11014	10822	10667	11095	12092	12785	13348	13690	13974	14352	14604	
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		29	31	29	31	31	31	31	30	29	30	29	31	31	29	30	31	31	31	31	29	30	30	30	30	
TIE-PLTG		24	-11	-190	-47	62	11	59	4	-4	-18	-80	-127	-47	39	198	4	-136	-7	-10	67	-9	-14	-43		
Interconnection		53	20	-161	-16	93	42	90	35	26	11	-50	-98	-16	70	227	33	-105	22	20	98	22	17	-12		
System Total		12032	11647	11517	11133	10822	10732	10469	10561	10564	10309	10308	10395	10572	10944	10595	10634	11200	12070	12765	13250	13668	13957	14364	14570	
SRev ST-Coal		47	43	46	60	46	52	58	196	212	279	269	268	201	94	48	108	36	44	37	41	42	45	27	143	
SRev ST-Oil		7	7	6	7	31	5	13	5	5	58	58	58	22	6	5	8	4	4	4	3	3	6	11	13	
SRev CCGT-Gas		214	497	578	732	823	1037	1018	917	905	993	960	904	784	793	911	1022	789	521	470	490	257	165	135	146	
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		6	4	250	246	249	250	251	250	249	250	247	249	250	249	249	248	251	6	4	5	4	4	6	6	
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		625	625	625	625	625	731	731	731	731	580	731	731	474	625	731	731	474	474	474	625	474	323	323	323	
Hydro		102	80	62	99	189	141	148	87	88	95	218	87	83	238	225	109	90	278	221	230	94	108	136	135	
S.Reserve Total		1001	1256	1567	1769	1963	2110	2219	2186	2190	2406	2332	2297	2107	1870	2064	2223	1905	1327	1210	1244	1025	868	971	820	