

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,568 MW
Hydro	1,552 MW
Distillate	60 MW
Total TNB	8,310 MW
Total IPP	10,437 MW
Total Co-Gen	92 MW
System Total	18,839 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00	
TNB Generation	5,979 MW
IPP Generation	6,779 MW
Total Set On Bus	13,604 MW
Maximum Demand	12,911 MW
Spinning Reserve	754 MW
Net Energy	283,536 MWH
Load Factor	91.5 %

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	12071	11483	11238	10607	10525	10509	10439	10506	10416	11453	12084	12671	12749	12375	12481	12484	12567	12256	11969	11877	12911	12762	12477	12270

Gas Usage

Station	(mmscfd)
CBPS	57
GLGR	57
PAKA	45
PGPS	49
SRDG	17
TJGS	218
TNB Total	443
KLPP	77
MPSS	61
PGLA	96
PLPS	118
SGRI	35
YPGS	68
YPKA	136
IPP Total	591
Total Gas	1,034
Total Gas Required :	1,034
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	47,255.00	16.67 %
Gas	59,037.00	20.82 %
Hydro	15,756.00	5.56 %
Total TNB	122,048.0	43.04 %
ST-Coal	80,711.0	28.47 %
ST-Gas	65.0	0.02 %
Gas	77,775.0	27.43 %
Total IPP	158,551.0	55.92 %
Co-Gen	2,224.0	0.78 %
Total Co-Gen	2,224.0	0.78 %
Total Generation	282,823.0	99.75 %
PLTG	-15.0	-0.01 %
HVDC	-698.0	-0.25 %
Interconnection	-713.0	-0.25 %
Net Energy	283,536.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	175
Hydro	253
Syncon	303
Thermal	86
Total	817

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	31

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																										
System Total		12071	11753	11483	11258	11238	10978	10607	10554	10525	10156	10509	10337	10439	10220	10506	10152	10416	10942	11453	11834	12084	12407	12671	12882	12749	12536	12375	12388	12481	12585	12484	12556	12567	12435	12256	12103	11969	11825	11877	12532	12911	12799	12762	12703	12477	12506	12270	12050		
SRev ST-Coal		396	385	312	291	281	423	766	457	457	439	439	439	439	439	439	439	439	434	285	286	285	164	160	78	67	62	87	66	79	58	69	89	93	74	54	47	31	35	43	38	52	30	40	49	46	114	126	173		
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
SRev CCGT-Gas		411	553	707	954	972	1063	913	760	794	1018	873	950	901	1014	821	942	857	768	505	95	106	110	145	129	186	237	206	160	151	152	218	162	208	205	156	202	248	322	165	226	181	168	170	196	185	145	161	167		
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	36	32	33	98	34	186	190	224	77	63	101	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
Syncron		283	434	585	736	736	736	736	736	736	585	736	585	736	736	585	736	736	585	434	172	172	172	323	625	736	585	323	323	474	323	323	323	323	323	323	323	323	323	323	172	172	172	172	172	172	172	172			
Hydro		239	277	132	87	104	97	104	83	104	130	213	85	215	119	85	137	117	226	124	109	199	184	490	485	544	547	223	125	138	333	370	249	303	438	324	205	410	441	547	282	315	394	402	372	425	306	260	387		
S.Reserve Total		1329	1649	1736	2068	2093	2319	2519	2036	2091	2323	2110	2210	2140	2312	2085	2254	2149	2013	1650	1226	1175	892	967	864	969	1169	1141	1087	953	866	980	974	927	1040	857	777	1048	1153	1111	967	754	950	974	1013	905	800	820	899		