

Availability At Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	4,216 MW
Hydro	1,710 MW
Distillate	60 MW
Total TNB	7,426 MW
Total IPP	11,172 MW
Total Co-Gen	87 MW
System Total	19,235 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,616 MW
IPP Generation	9,350 MW
Total Set On Bus	15,888 MW
Maximum Demand	14,925 MW
Spinning Reserve	835 MW
Net Energy	308,515 MWH
Load Factor	86.1 %

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	11905	11386	11093	10784	10543	10385	10743	10841	11160	12874	13653	14451	14479	14168	14755	14910	14870	14510	13512	13134	14101	13798	13377	12794

Gas Usage

Station	(mmscfd)
CBPS	43
GLGR	55
PAKA	129
PGPS	52
SRDG	11
TJGS	149
TNB Total	439
KLPP	100
MPSS	45
PGLA	52
PLPS	100
SGB3	81
SGRI	88
SKSP	50
YPGS	67
YPKA	138
IPP Total	720
Total Gas	1,160

Total Gas Required : 1,160
Gas Calorific Value : 38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,749.00	10.62 %
Gas	58,055.00	18.82 %
Hydro	16,577.00	5.37 %
Total TNB	107,381.0	34.81 %
ST-Coal	103,066.0	33.41 %
Gas	96,342.0	31.23 %
Total IPP	199,408.0	64.63 %
Co-Gen	2,347.0	0.76 %
Total Co-Gen	2,347.0	0.76 %
Total Generation	309,136.0	100.20 %
PLTG	-104.0	-0.03 %
HVDC	725.0	0.23 %
Interconnection	621.0	0.20 %
Net Energy	308,515.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	383
Hydro	124
Syncon	395
Thermal	17
Total	919

Weather Temperature

Weather	Temperature
Morning	Sunny 27
Afternoon	Hot 36

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	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																												
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		182	452	339	246	284	192	213	204	211	195	202	259	431	555	375	260	371	605	676	830	876	920	1138	1365	1223	975	852	1005	1292	1269	1196	1177	1171	1148	1067	696	650	625	665	747	950	851	851	676	662	623	583	600				
PCUF	CUFK	53	51	52	52	54	52	51	51	51	52	52	51	52	53	53	51	52	50	53	54	50	51	53	53	52	53	53	51	53	52	51	51	52	53	54	51	51	51	50	52	54	52	52	54	51	51	51	51	51			
PCUF	CUFK	39	40	38	39	38	39	42	41	41	41	40	40	41	41	41	39	41	41	40	40	40	40	38	36	36	37	35	35	35	35	36	35	35	35	35	37	36	37	37	37	37	37	38	37	37	35	37	36	39			
Total Co-Gen		92	91	90	91	92	91	93	92	93	92	91	93	94	90	91	91	89	88	90	88	86	88	87	87	86	87	88	89	88	87	88	87	89	91	90	89	91	86	88	87	90											
Total Gen		12102	11811	11431	11081	11104	10954	10800	10524	10535	10478	10483	10540	10690	11013	10893	10892	11245	12228	12891	13371	13691	14118	14408	14624	14560	14290	14166	14321	14737	15053	14984	14897	14919	14850	14500	14090	13712	13117	13637	13589	14020	13825	13843	13631	13372	13403	12936	12722				
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	0		
TIE-HVDC		30	30	31	31	29	31	31	29	31	29	30	29	32	31	30	30	29	31	30	30	31	31	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	30	29	29	30	31	29	31		
TIE-PLTG		167	42	14	-52	-18	36	-15	-33	-39	57	68	-61	-85	-28	22	47	56	-2	-13	1	7	-27	-74	-77	51	60	-33	-153	-47	99	44	16	18	-50	-41	97	169	29	-127	-33	-111	-62	16	34	-35	47	113	25				
Interconnection		197	72	45	-21	11	67	16	-4	-8	86	98	-32	-53	3	52	77	85	29	17	31	38	4	-43	-48	81	90	-2	-122	-18	128	74	46	49	-19	-10	128	200	60	-97	-23	-81	-32	45	63	-5	78	142	56				
System Total		11905	11739	11386	11102	11093	10887	10784	10528	10543	10392	10385	10572	10743	11010	10841	10815	11160	12199	12874	13340	13653	14114	14451	14672	14479	14200	14168	14443	14755	14925	14910	14851	14870	14869	14510	13962	13512	13057	13134	13612	14101	13857	13798	13568	13377	13325	12794	12666				
SRev ST-Coal		54	30	30	29	42	29	257	280	281	288	281	396	415	225	129	137	30	32	21	23	30	33	26	57	48	55	47	52	44	60	44	60	56	44	55	62	55	92	65	58	-131	12	-24	38	-113	-121	36	36				
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 CCGT-Gas		953	1377	1643	1902	1905	1975	1917	1847	1837	1872	1880	1769	1780	1907	1942	1957	1934	1396	957	700	585	200	345	423	353	370	377	368	308	256	249	247	227	191	223	202	540	1071	997	405	349	453	308	435	789	829	1065	1299				
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	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	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		585	323	474	474	474	585	585	585	585	585	585	283	323	474	585	474	323	625	625	625	625	323	237	237	539	625	474	323	323	323	323	323	323	323	323	474	625	625	625	625	625	474	625	625	625	625	474	474	625			
Hydro		151	145	105	198	160	141	120	129	122	138	131	74	204	40	69	73	72	359	138	84	76	32	245	109	251	197	234	232	96	119	193	212	217	218	145	150	76	101	65	105	203	107	104	79	93	283	273	105				
S.Reserve Total		1743	1873	2252	2603	2581	2730	2879	2841	2825	2883	2877	2824	2682	2495	2614	2752	2510	2110	1741	1432	1316	890	939	826	889	1161	1283	1126	952	835	905	991	969	887	975	1019	1296	1889	1752	1193	895	1197	1013	1177	1394	1465	1848	2065				