

Availability At Daily Maximum Demand Hour

ST-Coal	1,290 MW
ST-Gas	150 MW
ST-Oil	0 MW
Gas	3,936 MW
Hydro	1,902 MW
Distillate	60 MW
Total TNB	7,338 MW
Total IPP	11,472 MW
Total Co-Gen	81 MW
System Total	18,891 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30		
TNB Generation	5,288	MW
IPP Generation	9,149	MW
Total Set On Bus	15,318	MW
Maximum Demand	14,536	MW
Spinning Reserve	800	MW
Net Energy	303,282	MWH
Load Factor	86.9	%

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	12179	11483	11091	10872	10566	10385	10612	10762	11010	12614	13441	14143	14091	13625	13822	14413	14461	14131	13082	12926	13706	13420	12961	12838

Gas Usage

Station	(mmscfd)
CBPS	43
GLGR	28
PAKA	133
PGPS	52
SRDG	1
TJGS	151
TNB Total	408
KLPP	88
MPSS	26
PGLA	97
PLPS	104
SGB3	82
SGRI	110
SKSP	47
YPKA	138
IPP Total	693
Total Gas	1,101
Total Gas Required :	1,166
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PCLG	65
Total	65

Generation Mix

Type	MWh	Percentage
ST-Coal	30,861.00	10.18 %
Gas	54,768.00	18.06 %
Hydro	22,437.00	7.40 %
Total TNB	108,066.0	35.63 %
ST-Coal	94,441.0	31.14 %
ST-Oil	6,304.0	2.08 %
Gas	92,998.0	30.66 %
Total IPP	193,743.0	63.88 %
Co-Gen	2,182.0	0.72 %
Total Co-Gen	2,182.0	0.72 %
Total Generation	303,991.0	100.23 %
PLTG	-7.0	0.00 %
HVDC	716.0	0.24 %
Interconnection	709.0	0.23 %
Net Energy	303,282.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	397
Hydro	203
Syncon	299
Thermal	61
Total	960

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																												
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	4																											
UPIA	HY02	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																											
Total Hydro		834	906	844	918	917	739	760	626	590	635	656	561	666	806	671	707	641	719	683	754	745	1052	1279	1406	1326	1241	1226	1322	1329	1377	1485	1517	1465	1400	1367	1076	986	952	890	819	970	867	778	811	780	808	795	645				
PCUF	CUFG	52	52	53	52	52	52	52	51	52	52	52	53	53	52	52	52	51	51	49	50	52	52	51	50	51	51	51	51	51	51	51	51	51	51	51	52	52	52	52	52	53	52	52	51	52	53	52	52				
PCUF	CUFK	34	35	33	36	34	33	36	36	36	33	34	35	37	34	35	35	34	36	37	36	34	31	30	28	29	29	28	28	28	29	28	30	29	30	31	29	31	30	30	31	31	32	31	33	32	34	33	34				
Total Co-Gen		86	87	86	88	86	85	88	88	87	90	87	85	86	87	88	89	87	85	80	80	80	81	80	78	79	79	80	79	81	80	81	82	81	83	82	82	83	84	84	84	84	84	87	85	86							
Total Gen		12280	11984	11544	11273	11066	10878	10874	10638	10558	10522	10526	10513	10643	10968	10829	10853	11082	11907	12674	13122	13465	13951	14196	14244	14110	13919	13604	13654	13825	14150	14441	14518	14497	14394	14220	13686	13100	12834	12889	13297	13740	13725	13475	13387	13035	12964	12873	12538				
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			
TIE-HVDC		30	30	30	30	29	29	29	29	30	30	31	31	30	30	31	30	29	31	29	30	32	30	30	31	31	30	29	30	29	29	29	29	29	30	30	29	29	29	29	29	30	30	29	31	29	31	29	31	31			
TIE-PLTG		71	-67	31	64	-54	-17	-27	33	-38	-21	110	-11	1	-22	37	-21	42	-26	29	36	-6	-14	23	-71	-12	34	-51	-24	-27	-32	-1	-47	7	41	59	-3	-11	5	-66	-11	4	3	25	3	43	-34	4	25				
Interconnection		101	-37	61	94	-25	12	2	62	-8	9	141	20	31	8	67	10	72	3	60	65	24	18	53	-41	19	65	-21	5	3	-3	28	-18	36	70	89	27	18	34	-37	18	34	33	55	32	74	-5	35	56				
System Total		12179	12021	11483	11179	11091	10866	10872	10576	10566	10513	10385	10493	10612	10960	10762	10843	11010	11904	12614	13057	13441	13933	14143	14285	14091	13854	13625	13649	13822	14153	14413	14536	14461	14324	14131	13659	13082	12800	12926	13279	13706	13692	13420	13355	12961	12969	12838	12482				
SRev ST-Coal		37	49	57	52	52	57	58	167	221	269	256	234	241	69	46	48	47	55	25	33	42	33	35	36	34	31	99	110	100	102	110	102	106	98	91	78	87	100	24	21	33	20	35	31	26	-14	18	24				
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 ST-Oil		2	2	2	2	2	2	2	2	28	28	5	7	7	19	33	27	9	16	6	-8	21	22	55	55	55	55	55	55	55	55	14	-11	-10	-10	-10	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	
SRev CCGT-Gas		676	813	1212	1574	1760	1773	1783	1793	1787	1772	1797	1787	1792	1783	1800	1779	1700	1050	602	560	501	437	431	500	471	659	808	761	620	425	401	397	447	493	554	680	962	1090	1044	569	266	191	336	462	558	450	424	605				
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	
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		453	453	453	151	453	453	453	539	539	539	539	625	453	302	302	453	453	453	453	453	453	453	453	453	302	302	302	302	302	302	302	302	302	302	151	151	151	151	151	453	539	539	625	540	388	388	625	625	625	625	625	
Hydro		288	140	202	430	129	157	136	140	176	131	110	119	186	197	332	145	296	218	298	227	242	186	334	207	286	371	301	205	198	150	193	161	286	351	384	297	301	335	288	102	188	291	143	110	141	103	116	116				
S.Reserve Total		1456	1457	1926	2209	2396	2442	2432	2641	2725	2739	2730	2770	2679	2358	2499	2458	2523	1785	1394	1279	1230	979	1124	1100	1148	1418	1565	1433	1275	1034	869	800	1021	1125	1170	1563	1944	2119	1981	1232	960	890	1139	1228	1350	1164	1183	1370				