

Availability At Daily Maximum Demand Hour

ST-Coal	1,980 MW
ST-Gas	80 MW
ST-Oil	80 MW
Gas	3,226 MW
Hydro	1,609 MW
Distillate	700 MW
Total TNB	7,675 MW
Total IPP	9,830 MW
Total Co-Gen	57 MW
System Total	17,562 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00

TNB Generation	5,968 MW
IPP Generation	8,405 MW
Total Set On Bus	15,611 MW
Maximum Demand	14,450 MW
Spinning Reserve	1,181 MW
Net Energy	308,243 MWH
Load Factor	88.9 %

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	12404	11863	11371	11131	10735	10627	10781	11132	11187	12764	13500	14257	14188	13802	14202	14450	14392	14192	13189	13170	13898	13766	13248	12799

Gas Usage

Station	(mmscfd)
CBPS	48
GLGR	56
PAKA	134
PGPS	50
SRDG	57
TJGS	42
TNB Total	387
KLPP	9
PDPS	8
PGLA	52
PKLG	11
PLPS	73
PTEK	9
SGB3	31
SGRI	76
SKSP	56
YPGS	35
YPKA	134
IPP Total	494
Total Gas	881
Total Gas Required :	1,266
Gas Calorific Value :	38.500

Alternate Fuel Usage

Station	(mmscfd)
PDPS	8
PGLA	39
PGPS	13
PKLG	130
PLPS	26
SGB3	60
SGRI	22
TJGS	86
Total	384

Generation Mix

Type	MWh	Percentage
ST-Coal	46,839.00	15.20 %
ST-Oil	1,189.00	0.39 %
Gas	45,430.00	14.74 %
Hydro	21,596.00	7.01 %
Distillate	12,550.00	4.07 %
Total TNB	127,604.0	41.40 %
ST-Coal	82,902.0	26.90 %
ST-Gas	150.0	0.05 %
ST-Oil	12,753.0	4.14 %
Gas	62,947.0	20.42 %
Distillate	19,617.0	6.36 %
Total IPP	178,369.0	57.87 %
Co-Gen	1,468.0	0.48 %
Total Co-Gen	1,468.0	0.48 %
Total Generation	307,441.0	99.74 %
PLTG	-104.0	-0.03 %
HVDC	-698.0	-0.23 %
Interconnection	-802.0	-0.26 %
Net Energy	308,243.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	451
Hydro	136
Syncon	336
Thermal	53
Total	976

Weather Temperature

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	85	85	53	84	83	75	35	81	81	81	-1	-1	-1	-1	-1	69	73	69	67	72	84	55	9	-1	-1	-1	82	78	77	79	84	80	81	80	79	80	80	83	79	79	77	80	79	84	76	84					
TMGR	HY02	88	88	70	84	82	82	68	83	35	32	35	87	82	83	80	78	73	76	88	88	77	88	88	71	82	71	80	82	82	76	67	71	88	71	72	70	71	71	79	88	80	71	49	84	75	88	37	88			
TMGR	HY03	75	75	74	78	75	72	70	33	71	82	71	85	82	69	66	65	65	68	72	69	67	70	85	56	56	57	59	81	82	79	77	79	84	80	81	80	79	80	82	81	79	78	81	78	84	76	85				
TMGR	HY04	77	77	75	79	76	74	72	35	-1	33	81	81	79	79	56	37	38	74	81	78	76	68	80	72	73	73	76	77	80	65	66	47	81	67	58	47	46	44	78	79	75	67	50	78	68	81	36	81			
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	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Total Hydro		882	878	812	887	1046	856	760	770	723	788	741	924	809	1004	942	686	699	1284	1127	1391	856	886	1172	811	778	763	792	820	909	855	844	856	961	930	940	927	931	936	904	938	929	899	846	918	975	1057	787	953			
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGLA	GT11	221	221	223	159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132	132	222	178	211	223	222	223	222	221	220	222	222	221	220	220	220	222	220	219	221	220	221	223	222	220	222	218	224	197			
SGB3	GT31	131	131	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	129	130	130	129	129	129	107	106	129	128	128	129	129	128	128	129	129	129	129	130	130	130	130	130	130	130	130	130	130	130	130
SGB3	GT33	133	133	133	128	128	128	128	129	109	110	110	111	111	113	124	128	128	125	132	133	133	134	134	132	132	133	109	108	133	132	132	132	132	132	132	132	132	132	132	133	133	133	133	133	133	133	133	133	133		
SGRI	GT11	127	128	128	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	144	141	140	140	141	140	142	142	141	141	142	140	141	141	141	142	140	141	141	142	141	142	141	142	143	143	142	143	143	143	143	143	
TJGS	GT1A	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TJGS	GT1B	145	145	145	147	143	143	143	141	145	143	141	144	144	142	146	142	143	143	147	145	147	144	144	144	147	147	147	144	144	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	ST1C	167	77	74	74	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TJGS	GT2A	121	209	208	217	217	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TJGS	GT2B	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TJGS	ST2C	190	106	112	111	109	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total Distillate		1505	1150	1154	851	674	442	348	347	331	330	328	332	332	347	347	348	345	632	757	848	933	967	977	978	1676	1626	1621	1733	1763	1762	1653	1650	1654	1500	1450	1449	1445	1448	1450	1452	1455	1453	1449	1453	1448	1454	1390				
PCUF	CUFG	13	12	11	10	12	11	11	12	13	14	17	17	17	17	17	17	17	17	16	18	17	17	18	15	16	16	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17			
PCUF	CUFK	39	38	35	36	37	37	37	34	38	35	38	38	38	37	36	37	35	35	34	35	41	39	39	41	38	37	42	38	41	40	38	40	39	39	39	38	39	42	40	39	40	38	40	38	40	40	40	40	40		
Total Co-Gen		52	50	46	46	49	48	48	46	49	47	51	52	55	55	54	53	54	52	52	50	53	58	56	57	56	54	53	59	55	58	57	55	58	55	56	56	55	60	57	58	59	58	59	55	60	58	60				
Total Gen		12324	11980	11889	11421	11374	11070	11114	10812	10673	10841	10638	10834	10733	11171	11129	11022	11246	12194	12778	13438	13575	13829	14300	14405	14163	13975	13776	13940	14207	14307	14430	14328	14341	14376	14172	13640	13211	13085	13106	13758	13877	13872	13732	13659	13234	13304	12893	12652			
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	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-28	-30	-30	-29	-29	-29	-29	-30	-29	-29	-30	-28	-30	-31	-28	-28	-29	-29	-29	-28	-30	-28	-29	-29	-31	-28	-29					
TIE-PLTG		-50	-166	55	27	32	-84	13	52	-33	88	40	16	-19	8	26	100	88	39	43	95	103	-82	73	35	4	24	3	-76	35	-87	9	21	-23	76	11	23	50	67	-35	-55	7	-6	-6	-13	15	29	122	-50			
Interconnection		-80	-195	26	-2	3	-114	-17	23	-62	59	11	-13	-48	-21	-3	71	59	10	14	67	75	-112	43	6	-25	-5	-26	-105	5	-116	-20	-9	-51	46	-20	-5	22	38	-64	-84	-21	-36	-34	-42	-14	-2	94	-79			
System Total		12404	12175	11863	11423	11371	11184	11131	10789	10735	10782	10627	10847	10781	11192	11132	10951	11187	12184	12764	13371	13500	13941	14257	14399	14188	13980	13802	14045	14202	14423	14450	14337	14392	14330	14192	13645	13189	13047	13170	13842	13898	13908	13766	13701	13248	13306	12799	12731			
SRev ST-Coal		111	118	113	110	111	92	115	113	142	85	173	195	190	76	66	91	73	56	61	71	66	45	50	36	38	50	42	45	54	33	41	35	41	54	41	50	115	114	101	115	110	104	61	110	50	53	20	31			
SRev ST-Gas		0	0	0																																																