

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,924 MW
Hydro	1,731 MW
Distillate	0 MW
Total TNB	7,105 MW
Total IPP	11,192 MW
Total Co-Gen	44 MW
System Total	18,341 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30	
TNB Generation	5,145 MW
IPP Generation	10,128 MW
Total Set On Bus	16,358 MW
Maximum Demand	15,355 MW
Spinning Reserve	1,041 MW
Net Energy	324,058 MWH
Load Factor	87.9 %

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	13071	12488	12054	11675	11438	11220	11315	11258	11763	13490	14361	15047	15009	14454	14737	15296	15284	14971	13848	13848	14779	14513	14002	13662

Gas Usage

Station	(mmscfd)
CBPS	49
PAKA	148
PGPS	43
SRDG	70
TJGS	106
TNB Total	416

Alternate Fuel Usage

Station	(mmscfd)
PKLG	123
Total	123

Generation Mix

Type	MWh	Percentage
ST-Coal	33,095.00	10.21 %
Gas	50,401.00	15.55 %
Hydro	18,636.00	5.75 %
Total TNB	102,132.0	31.52 %
ST-Coal	95,443.0	29.45 %
ST-Gas	611.0	0.19 %
ST-Oil	12,151.0	3.75 %
Gas	112,493.0	34.71 %
Total IPP	220,698.0	68.10 %
Co-Gen	1,095.0	0.34 %
Total Co-Gen	1,095.0	0.34 %
Total Generation	323,925.0	99.96 %
PLTG	564.0	0.17 %
HVDC	-697.0	-0.22 %
Interconnection	-133.0	-0.04 %
Net Energy	324,058.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	416
Hydro	203
Syncon	269
Thermal	96
Total	984

KLPP	114
MPSS	58
PDPS	2
PGLA	114
PKLG	14
PLPS	102
PTEK	17
SGB3	66
SGRI	169
SKSP	53
YPGS	67
YPKA	98
IPP Total	875
Total Gas	1,291

Total Gas Required : 1,414
Gas Calorific Value : 38,500

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	32

Daily MW Generation On Friday

20-Sep-2013

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																											
SIHY	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																											
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
SYPS	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																											
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
SYPS	HY04	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	HY01	35	42	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																											
TMGR	HY02	62	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																											
TMGR	HY03	66	73	30	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																											
TMGR	HY04	64	70	33	33	34	32	30	31	34	30	32	33	33	34	29	33	73	32	42	66	70	71	65	64																											
UPLA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5																											
Total Hydro		995	859	632	542	540	359	210	312	490	503	397	416	416	486	378	446	587	467	506	642	854	879	1210	1185	947	793	637	762	922	1042	1266	1265	1257	1265	1053	967	790	680	694	1155	1221	1104	1018	950	879	820	780	728			
PCUF	CUFG	32	30	30	30	30	30	30	31	30	31	30	31	31	32	32	31	31	30	29	29	28	28	28	28	28	28	28	27	28	27	27	28	26	27	28	28	28	28	28	28	28	28	29	29	30	30	31				
PCUF	CUFK	17	18	17	17	17	18	17	17	16	15	15	16	16	16	17	18	17	17	17	16	18	16	16	17	16	16	17	16	17	17	17	17	17	17	17	17	17	17	17	16	16	14	16	15	15	16	14	16			
Total Co-Gen		49	48	47	47	47	48	47	47	47	45	46	46	47	47	48	49	49	48	47	47	45	47	44	44	45	44	45	46	44	45	43	44	45	43	44	45	45	45	44	44	42	44	43	44	44	46	44	47			
Total Gen		13116	12869	12483	12281	12007	11799	11661	11509	11342	11247	11143	11247	11244	11433	11254	11323	11806	12835	13547	13978	14435	14738	15132	15246	15083	14747	14459	14623	14714	14999	15281	15317	15241	15282	14975	14408	13838	13563	13717	14646	14790	14680	14550	14354	13964	13919	13666	13445			
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	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-30	-30	-30	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28		
TIE-PLTG		75	-6	25	-1	-18	27	16	-42	-67	1	-48	-23	-43	2	25	18	72	91	87	81	103	65	115	134	103	85	34	165	6	-25	15	-8	-14	-3	33	63	20	-6	-101	-73	39	40	65	41	-10	-70	32	9			
Interconnection		45	-36	-5	-30	-47	-3	-14	-71	-96	-27	-77	-52	-71	-26	-4	-11	43	62	57	51	74	36	85	104	74	56	5	136	-23	-54	-15	-38	-43	-32	4	34	-10	-36	-131	-101	11	12	37	15	-38	-98	4	-19			
System Total		13071	12905	12488	12311	12054	11802	11675	11580	11438	11274	11220	11299	11315	11459	11258	11334	11763	12773	13490	13927	14361	14702	15047	15142	15009	14691	14454	14487	14737	15053	15296	15355	15284	15314	14971	14374	13848	13899	13848	14747	14779	14668	14513	14341	14002	14017	13662	13464			
SRev ST-Coal		108	104	109	110	106	112	108	98	109	108	114	102	105	115	102	108	108	99	102	103	97	104	111	112	122	186	218	145	141	100	101	105	105	106	106	133	135	131	174	96	83	105	88	137	130	103	104	117			
SRev ST-Gas		41	40	41	41	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		4	4	4	4	4	45	12	20	21	2	3	3	24	4	0	2	4	2	2	-1	-1	-1	-1	-1	3	4	3	3	3	3	3	1	-1	-1	-1	38	81	81	81	34	2	-1	-1	15	39	43	39	23			
SRev CCGT-Gas		436	199	352	319	600	657	750	1006	1379	1505	1497	1424	1404	1295	1564	1476	1672	943	516	536	395	302	364	324	158	341	470	379	487	355	357	354	382	360	409	469	695	881	665	311	356	358	372	351	353	276	336	361			
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	
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
Syncon		151	388	539	625	625	731	625	625	625	474	625	625	625	625	625	625	539	625	474	453	453	453	151	151	453	453	539	453	453	302	151	151	151	151	151	302	453	539	539	302	302	302	302	453	453	453	453	539			
Hydro		325	222	298	69	70	103	146	150	77	214	170	151	152	79	189	119	64	98	212	97	166	140	310	335	171	226	63	23	200	231	308	308	317	309	291	226	227	251	239	117	147	266	252	169	238	194	86	53			
S.Reserve Total		1065	957	1343	1168	1447	1648	1641	1899	2211	2303	2409	2305	2310	2118	2480	2330	2387	1767	1356	1255	1277	995	1013	999	1063	1380	1388	1172	1438	1089	1027	1041	1119	1076	1154	1333	1732	1959	1765	914	974	1118	1147	1142	1369	1135	1018	1135			