

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,355 MW
Hydro	1,861 MW
Distillate	0 MW
Total TNB	6,666 MW
Total IPP	11,249 MW
Total Co-Gen	81 MW
System Total	17,996 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,901 MW
IPP Generation	9,927 MW
Total Set On Bus	16,874 MW
Maximum Demand	15,947 MW
Spinning Reserve	965 MW
Net Energy	331,177 MWH
Load Factor	86.5 %

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	13260	12581	11906	11656	11411	11246	11303	11445	11933	13824	14677	15554	15576	15316	15582	15836	15947	15546	14542	14306	14867	14660	14171	13780

Gas Usage

Station	(mmscfd)
CBPS	54
GLGR	65
PAKA	174
PGPS	44
SRDG	18
TJGS	112
TNB Total	467
KLPP	105
MPSS	61
PDPS	20
PGLA	110
PKLG	112
PLPS	105
PTEK	7
SGB3	71
SGRI	185
SKSP	41
YPKA	132
IPP Total	947
Total Gas	1,414
Total Gas Required :	1,414
Gas Calorific Value :	38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	33,076.00	9.99 %
Gas	58,315.00	17.61 %
Hydro	22,019.00	6.65 %
Total TNB	113,410.0	34.24 %
ST-Coal	95,941.0	28.97 %
ST-Gas	10,896.0	3.29 %
Gas	108,518.0	32.77 %
Total IPP	215,355.0	65.03 %
Co-Gen	1,949.0	0.59 %
Total Co-Gen	1,949.0	0.59 %
Total Generation	330,714.0	99.86 %
PLTG	237.0	0.07 %
HVDC	-700.0	-0.21 %
Interconnection	-463.0	-0.14 %
Net Energy	331,177.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	396
Hydro	218
Syncon	127
Thermal	188
Total	928

Weather Temperature

	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	32

Daily MW Generation On Wednesday

18-Dec-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																															
PGAU	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																															
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	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	HY02	-1	-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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1																															
TMGR	HY04	38	34	30	26	34	35	33	31	32	32	32	33	42	34	35	27	38	32	32	58	77	76	76	77																															
UPIA	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																															
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6																															
Total Hydro		644	623	591	578	627	636	539	505	491	534	522	514	542	559	543	548	476	568	526	567	793	1101	1519	1529	1525	1256	1271	1299	1603	1603	1585	1769	1649	1485	1332	671	648	646	856	1373	1417	1461	1219	1014	777	667	670	535							
PCUF	CUFG	43	43	44	43	43	42	43	43	43	44	43	44	42	42	43	44	43	42	41	41	40	39	39	40	40	39	41	39	40	40	39	40	39	41	42	42	44	43	42	42	43	42	43	43	42	44	45								
PCUF	CUFK	40	39	39	38	39	39	39	39	37	39	40	40	39	39	39	40	40	40	38	39	38	38	40	39	40	39	39	40	39	40	40	39	40	40	40	38	40	39	41	39	38	41	41	39											
Total Co-Gen		83	82	83	81	82	81	82	82	80	82	84	83	83	81	81	83	84	83	80	80	79	78	79	78	80	79	79	80	77	81	79	81	81	82	84	83	80	82	82	83	82	81	83	85	84										
Total Gen		13220	12925	12645	12209	11894	11716	11613	11441	11435	11239	11195	11124	11193	11352	11449	11565	12049	12969	13836	14320	14651	15012	15521	15548	15531	15214	15185	15214	15689	15884	15877	15860	15909	15789	15602	14845	14537	14103	14263	14990	14991	14970	14723	14497	14242	13967	13746	13388							
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		-29	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-28	-30	-28	-31	-30	-28	-30								
TIE-PLTG		-11	12	94	68	17	4	-14	-51	54	-40	-22	10	-82	-46	33	-12	145	-32	41	-5	3	-67	-4	-53	-15	-24	-102	-140	136	62	70	-6	-9	1	86	-154	24	63	-14	69	153	65	93	31	102	-59	-6	6							
Interconnection		-40	-18	64	39	-12	-25	-43	-81	24	-69	-51	-18	-110	-75	4	-41	116	-61	12	-34	-26	-96	-33	-83	-45	-53	-131	-169	107	33	41	-35	-38	-29	56	-183	-5	34	-43	40	124	37	63	3	71	-89	-34	-24							
System Total		13260	12943	12581	12170	11906	11741	11656	11522	11411	11308	11246	11142	11303	11427	11445	11606	11933	13030	13824	14354	14677	15108	15554	15631	15576	15267	15316	15383	15582	15851	15836	15895	15947	15818	15546	15028	14542	14069	14306	14950	14867	14933	14660	14494	14171	14056	13780	13412							
SRev ST-Coal		211	194	203	195	201	196	206	208	199	195	194	197	194	199	197	194	196	200	196	191	211	194	207	199	208	209	235	235	184	204	221	194	203	205	221	202	200	215	209	216	206	203	208	212	211	214	206	210							
SRev ST-Gas		0	-1	0	83	75	75	74	73	73	74	74	74	74	74	75	73	73	84	19	5	0	-5	37	37	9	13	11	4	9	-15	15	31	26	7	-2	-2	0	0	-1	-1	0	0	-1	-1	0	0	0	0	0	0	0	0	0		
SRev CCGT-Gas		488	569	458	711	940	1009	1007	1144	1143	1388	1423	1482	1444	1294	1183	1358	1651	1108	507	279	307	275	294	314	322	345	356	368	404	449	500	417	436	427	569	469	472	711	765	498	553	529	430	447	465	418	292	510							
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	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	0	0	
Snoon		625	625	625	625	625	625	625	625	474	625	625	625	625	625	625	625	625	474	625	474	474	323	0	0	0	237	237	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro		82	103	145	158	109	100	77	111	276	82	94	102	74	57	73	68	140	235	126	235	139	207	337	328	331	214	199	171	254	254	272	87	208	272	375	126	148	100	141	312	353	310	266	236	170	86	83	92							
S.Reserve Total		1406	1490	1431	1772	1950	2005	1989	2161	2165	2364	2410	2480	2411	2249	2152	2318	2685	2090	1538	1198	1136	999	1026	893	913	1033	1061	1045	1026	886	1079	759	965	983	1272	1506	1476	1652	1591	1226	1226	1128	990	1066	1319	1343	1206	1437							