

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,866	MW
Hydro	1,854	MW
Distillate	0	MW
Total TNB	7,860	MW
Total IPP	12,228	MW
Total Co-Gen	83	MW
System Total	20,171	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	5,459	MW
IPP Generation	9,923	MW
Total Set On Bus	16,445	MW
Maximum Demand	15,361	MW
Spinning Reserve	980	MW
Net Energy	321,105	MWH
Load Factor	87.1	%

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	13058	12468	11985	11521	11253	11282	11150	11407	11606	13187	14046	14729	14857	14450	14708	15249	15361	15002	13850	13593	14579	14423	13911	13823

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	31
PAKA	99
PGPS	41
SRDG	15
TJGS	108
TNB Total	340
KLPP	88
MPSS	56
PGLA	92
PKLG	86
PLPS	98
SGB3	37
SGRI	156
SKSP	52
YPKA	133
IPP Total	797
Total Gas	1,137
Total Gas Required :	1,147
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	9
Total	9

Generation Mix

Type	MWh	Percentage
ST-Coal	49,149.00	15.31 %
Gas	43,149.00	13.44 %
Hydro	13,912.00	4.33 %
Total TNB	106,210.0	33.08 %
ST-Coal	113,163.0	35.24 %
ST-Gas	8,391.0	2.61 %
ST-Oil	877.0	0.27 %
Gas	92,523.0	28.81 %
Total IPP	214,954.0	66.94 %
Co-Gen	2,201.0	0.69 %
Total Co-Gen	2,201.0	0.69 %
Total Generation	323,365.0	100.70 %
PLTG	440.0	0.14 %
HVDC	1,820.0	0.57 %
Interconnection	2,260.0	0.70 %
Net Energy	321,105.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	191
Hydro	178
Syncon	391
Thermal	229
Total	988

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	35

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																										
Total Hydro		483	453	402	418	461	478	464	353	419	350	375	385	353	510	463	327	466	494	350	466	452	662	809	902	995	685	561	690	663	874	999	986	1017	917	669	517	541	502	537	544	946	865	684	597	482	537	634	472		
PCUF	CUFG	54	54	52	54	52	53	55	51	53	53	54	52	52	53	53	52	52	53	53	52	54	51	51	53	53	52	52	51	54	54	53	51	51	54	54	53	51	51	54	54	49	52	52	53	53					
PCUF	CUFK	27	32	34	34	34	35	37	38	36	38	38	36	34	33	35	33	33	30	31	30	29	29	31	31	29	28	30	29	29	30	30	31	31	31	31	31	29	32	34	33	31	35	36	35	35					
Total Co-Gen		81	86	86	88	86	88	92	89	89	91	92	88	86	86	88	86	88	84	86	85	82	84	83	81	81	84	84	81	82	81	80	82	83	82	83	82	85	85	84	80	83	88	87	80	87	88	88	88		
Total Gen		13145	12617	12401	12194	11995	11832	11602	11399	11299	11239	11345	11276	11193	11442	11418	11234	11704	12880	13342	13929	14158	14465	14808	14906	14938	14722	14501	14672	14771	15085	15349	15391	15465	15378	15022	14447	13896	13529	13654	14324	14864	14825	14682	14588	14298	14018	14049	13518		
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		29	29	29	30	30	31	31	30	30	30	30	30	29	29	31	31	31	29	29	29	29	29	31	31	30	30	29	29	31	31	30	30	30	30	31	31	31	30	305	303	305	306	304	306	305	305	31			
TIE-PLTG		58	-59	-96	-49	-20	-82	50	30	16	95	33	31	13	21	-18	96	67	25	126	121	83	58	50	-67	50	0	21	161	34	21	69	101	74	52	-10	76	15	-29	31	-98	-18	-34	-47	130	81	-95	-79	98		
Interconnection		87	-30	-67	-19	10	-51	81	60	46	125	63	61	43	50	11	127	98	56	155	150	112	87	79	-36	81	30	51	190	63	52	100	131	104	82	20	107	46	2	61	207	285	271	259	434	387	210	226	129		
System Total		13058	12647	12468	12213	11985	11883	11521	11339	11253	11114	11282	11215	11150	11392	11407	11107	11606	12524	13187	13779	14046	14378	14729	14942	14857	14692	14450	14482	14708	15033	15249	15260	15361	15296	15002	14340	13850	13527	13593	14117	14579	14554	14423	14154	13911	13808	13823	13389		
SRev ST-Coal		218	214	224	267	278	209	208	211	212	220	222	217	204	209	216	217	217	214	210	219	215	214	214	212	220	211	215	216	224	211	213	214	216	217	217	211	218	217	281	211	217	219	211	213	221	215	260	157		
SRev ST-Gas		0	0	0	3	6	0	4	4	42	22	14	41	38	37	74	73	73	74	74	74	74	76	82	85	77	43	34	31	30	27	26	32	34	35	35	46	80	76	74	81	41	26	26	24	58	76	74	74		
SRev ST-Oil		10	10	10	42	37	36	36	36	36	36	36	37	37	37	0	0	0	0	0	0	0	0	0	0	0	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 OCGT-Gas		184	320	219	366	475	689	949	1038	1271	1305	1269	1295	1299	1194	1211	1297	1113	1094	636	334	187	175	146	138	198	157	204	233	241	162	164	215	181	172	187	224	674	913	705	144	137	125	112	136	319	246	134	401		
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
Syncon		474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	
Hydro		326	205	205	189	146	129	143	254	188	257	232	222	254	97	144	280	141	113	252	136	155	368	356	134	210	148	172	218	195	307	243	256	73	173	262	113	88	127	92	85	242	172	107	119	147	92	146	135		
S.Reserve Total		1212	1374	1283	1492	1567	1688	1965	2168	2374	2465	2398	2437	2457	2199	2270	2492	2169	2120	1802	1393	1256	1135	1100	1022	1007	1098	1164	1298	1324	1016	965	1060	980	1068	1286	1219	1685	1958	1777	1146	939	995	995	1031	1370	1254	1088	1392		