

Availability At Daily Maximum Demand Hour

ST-Coal	1,900 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,829 MW
Hydro	1,714 MW
Distillate	0 MW
Total TNB	7,513 MW
Total IPP	11,064 MW
Total Co-Gen	66 MW
System Total	18,643 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30	
TNB Generation	5,733 MW
IPP Generation	10,037 MW
Total Set On Bus	16,984 MW
Maximum Demand	15,777 MW
Spinning Reserve	1,148 MW
Net Energy	330,794 MWH
Load Factor	87.4 %

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	13303	12613	12301	11869	11615	11430	11591	11449	12121	13877	14807	15477	15340	15077	15600	15742	15665	15191	14259	14415	14744	14437	13915	13528

Gas Usage

Station	(mmscfd)
CBPS	75
PAKA	175
PGPS	42
SRDG	49
TJGS	113
TNB Total	454
KLPP	118
MPSS	58
PDPS	31
PGLA	114
PKLG	130
PLPS	99
PTEK	54
SGB3	37
SGRI	201
SKSP	55
YPGS	33
YPKA	131
IPP Total	1,060
Total Gas	1,514

Total Gas Required : 1,514
Gas Calorific Value : 38,500
Generation Mix

Type	MWh	Percentage
ST-Coal	46,676.00	14.11 %
Gas	56,018.00	16.93 %
Hydro	12,822.00	3.88 %
Total TNB	115,516.0	34.92 %
ST-Coal	83,530.0	25.25 %
ST-Gas	11,443.0	3.46 %
Gas	118,954.0	35.96 %
Total IPP	213,927.0	64.67 %
Co-Gen	1,644.0	0.50 %
Total Co-Gen	1,644.0	0.50 %
Total Generation	331,087.0	100.09 %
PLTG	293.0	0.09 %
Interconnection	293.0	0.09 %
Net Energy	330,794.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	283
Hydro	86
Syncon	498
Thermal	116
Total	983

Weather Temperature

	Weather	Temperature
Morning	Sunny	25
Afternoon	Cloudy	34

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	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	
PGAU	HY03	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
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	33	31	35	29	28	27	22	25	24	27	26	27	33	42	28	24	33	29	40	31	40	37	79	79	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
Total Hydro		439	440	449	445	464	443	399	404	401	405	405	408	440	462	429	397	418	366	543	405	423	574	952	1039	
PCUF	CUFK	53	52	52	52	52	53	53	53	54	53	52	52	53	52	51	53	53	52	51	51	50	46	47	49	49
PCUF	CUFK	16	17	18	17	16	16	17	18	17	17	17	17	17	16	18	17	17	16	18	17	17	18	15	17	18
Total Co-Gen		69	69	70	69	68	69	70	71	71	70	69	69	70	68	68	70	70	70	68	69	68	67	68	66	
Total Gen		13287	12967	12624	12609	12342	12163	11946	11767	11716	11506	11398	11409	11508	11663	11479	11391	12109	13141	13854	14419	14742	15064	15444	15507	
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	
TIE-HVDC		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-PLTG		-16	50	11	47	41	45	77	102	101	95	-32	28	-86	-13	30	-30	-12	16	-23	19	-65	-42	-33	11	
Interconnection		-16	50	11	47	41	45	77	102	101	95	-32	28	-86	-13	30	-30	-12	16	-23	19	-65	-42	-33	11	
System Total		13303	12917	12613	12562	12301	12118	11869	11668	11615	11411	11430	11381	11591	11676	11449	11421	12121	13125	13877	14400	14807	15106	15477	15496	
SRev ST-Coal		132	133	130	128	140	133	134	134	132	138	139	131	129	134	135	163	128	143	131	133	131	133	134	141	
SRev ST-Gas		2	82	76	75	74	74	74	74	73	73	73	74	74	73	73	81	17	5	0	0	0	1	1	0	
SRev CCGT-Gas		328	367	330	322	593	769	932	1116	1174	1385	1487	1491	1427	1285	1438	1463	1237	685	269	318	223	244	237	248	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127	35	102	20	25	21	28	
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	
Syncon		625	625	625	625	474	625	625	625	625	625	474	474	474	625	625	625	474	625	625	625	474	474	474	625	
Hydro		86	87	80	85	217	88	110	105	108	104	104	100	220	197	229	110	84	137	110	89	73	174	97	163	
S.Reserve Total		1173	1294	1241	1235	1498	1689	1875	2054	2112	2325	2428	2420	2324	2164	2349	2434	2155	1607	1116	1200	1154	1196	1119	1048	