

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,661 MW
Hydro	1,604 MW
Distillate	0 MW
Total TNB	7,405 MW
Total IPP	9,445 MW
Total Co-Gen	53 MW
System Total	16,903 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:30	
TNB Generation	6,492 MW
IPP Generation	8,447 MW
Total Set On Bus	16,086 MW
Maximum Demand	15,093 MW
Spinning Reserve	1,094 MW
Net Energy	318,475 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	12558	11887	11525	11223	10884	11007	11137	11024	11789	13403	14255	14766	14820	14355	14636	15015	15054	14802	13891	13995	14589	14341	13829	13332

Gas Usage

Station	(mmscfd)
CBPS	98
GLGR	29
PAKA	182
PGGS	12
PGPS	46
SRDG	73
TJGS	113
TNB Total	551
KLPP	116
MPSS	60
PDPS	52
PGLA	59
PKLG	75
PLPS	69
PTEK	64
SGB3	37
SGRI	189
SKSP	54
YPGS	33
YPKA	132
IPP Total	940
Total Gas	1,491

Alternate Fuel Usage

Station	(mmscfd)
PKLG	9
Total	9

Generation Mix

Type	MWh	Percentage
ST-Coal	49,254.00	15.47 %
Gas	65,384.00	20.53 %
Hydro	18,092.00	5.68 %
Total TNB	132,730.0	41.68 %
ST-Coal	67,128.0	21.08 %
ST-Gas	7,311.0	2.30 %
ST-Oil	929.0	0.29 %
Gas	107,678.0	33.81 %
Total IPP	183,046.0	57.48 %
Co-Gen	1,335.0	0.42 %
Total Co-Gen	1,335.0	0.42 %
Total Generation	317,111.0	99.57 %
PLTG	-672.0	-0.21 %
HVDC	-692.0	-0.22 %
Interconnection	-1,364.0	-0.43 %
Net Energy	318,475.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	401
Hydro	236
Syncon	233
Thermal	103
Total	972

Weather Temperature

Weather	Temperature
Morning	Cloudy 24
Afternoon	Hot 34

Total Gas Required : 1,501
Gas Calorific Value : 38,500

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
KNYR	HY01	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
KNYR	HY03	99	100	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY04	101	101	100	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
LPJA	HY01	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
MNOR	HY01	1	1	1	1	1	1	1	1	1	1	1	1	3	3	6	6	6	3	3	3	3	4	4	6
PGAU	HY01	-1	-1	-1	-1	-1	-1	28	-1	-1	-1	-1	-1	-1	-1	81	88	108	-1	-1	-1	-1	110	109	111
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	28	112	112	120	25	-1	-1	-1	111	111	112
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	21	87	110	86	22	-1	-1	-1	-1	81	81
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	16	16	0	0	0	0	0	0	0	0	0	0	25	25	25	16	16	16	16	16	0	0	0	0
SYPS	HY02	16	16	0	0	0	0	0	0	0	0	0	0	25	25	25	16	16	16	16	16	0	0	0	0
SYPS	HY03	16	16	0	0	0	0	0	0	0	0	0	0	24	24	24	16	16	16	16	16	0	0	0	0
SYPS	HY04	16	16	0	0	0	0	0	0	0	0	0	0	25	25	25	16	16	16	16	16	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	30	33	32	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	31	34	29	41	31	35	34	32	35	37	32	32	40	27	27	41	39	37	36	39	38	35	35	41
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	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	2	2	2	2	2	2	2	2
Total Hydro		512	517	444	463	450	454	453	449	513	491	483	466	561	559	557	529	559	781	917	1012	928	591	523	502
PCUF	CUFG	17	17	16	16	17	17	17	16	17	18	17	16	15	15	14	13	13	13	13	13	13	13	13	13
PCUF	CUFK	42	42	39	41	40	42	42	41	40	42	42	40	41	41	40	40	39	38	41	40	40	39	39	39
Total Co-Gen		59	59	55	57	57	59	59	58	56	59	60	57	56	55	54	53	54	54	52	52	53	53	54	54
Total Gen		12501	12177	11918	11705	11549	11343	11142	11067	10851	10807	10913	10937	11104	11335	11060	11197	11844	12543	13289	13563	14130	14513	14735	14898
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		-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-30	-29	-28	-30	-29	-29	-29	-29	-28	-29	-29	-29
TIE-PLTG		-30	-41	59	-65	52	-51	-53	-16	-5	-72	-66	1	-5	22	64	-104	85	-35	-86	-142	-96	-31	-2	-31
Interconnection		-58	-69	31	-93	24	-79	-81	-44	-33	-100	-94	-27	-33	-6	36	-132	55	-64	-114	-172	-125	-60	-31	-60
System Total		12559	12246	11887	11798	11525	11422	11223	11111	10884	10907	11007	10964	11137	11341	11024	11329	11789	12607	13403	13735	14255	14573	14766	14958
SRev ST-Coal		98	88	99	90	97	93	98	100	97	94	97	93	90	88	97	91	105	96	102	91	101	92	105	98
SRev ST-Gas		-7	-6	10	39	36	63	76	74	74	75	75	74	74	73	74	76	74	8	-1	-1	-1	-1	0	0
SRev ST-Oil		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 CCGI-Gas		433	511	317	480	573	762	875	914	1193	1222	1106	1069	897	690	989	893	942	415	366	267	263	114	151	159
SRev OCGI-Gas		6	6	7	7	7	7	6	7	7	7	7	7	4	-35	0	0	0	246	110	137	153	124	54	159
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	625	625	625	474	625	625	474	625	625	625	625	625	625	474	474	172	172	172	474	474
Hydro		101	96	105	86	99	95	96	100	187	58	66	231	87	108	106	83	88	90	94	122	246	291	507	412
S.Reserve Total		1256	1320	1163	1327	1437	1645	1776	1820	2032	2081	1976	1948	1780	1580	1855	1766	1836	1300	1441	1214	1220	1123	1058	895