

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	70 MW
Gas	3,525 MW
Hydro	1,853 MW
Distillate	300 MW
Total TNB	7,818 MW
Total IPP	10,980 MW
Total Co-Gen	49 MW
System Total	18,847 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:30		
TNB Generation	6,465 MW	
IPP Generation	9,545 MW	
Total Set On Bus	16,984 MW	
Maximum Demand	15,991 MW	
Spinning Reserve	925 MW	
Net Energy	322,061 MWH	
Load Factor	83.9 %	

Maximum Demand Record

Date :	18/03/2013	15,991.0 MW
Date :	20/06/2012	328,716.0 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	12082	11405	11113	10651	10400	10179	10616	10933	11647	13472	14458	15120	15150	14923	15351	15822	15894	15439	14165	13748	14937	14782	14503	13935

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	55
PAKA	138
PGPS	12
SRDG	50
TJGS	107
TNB Total	411
KLPP	62
MPSS	49
PGLA	63
PLPS	105
SGRI	184
SKSP	37
YPGS	35
YPKA	70
IPP Total	605
Total Gas	1,016

Total Gas Required : 1,241
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	32
PDPS	12
PGLA	25
PGPS	30
PKLG	115
PTEK	12
Total	226

Generation Mix

Type	MWh	Percentage
ST-Coal	49,474.00	15.36 %
Gas	49,609.00	15.40 %
Hydro	20,141.00	6.25 %
Distillate	3,736.00	1.16 %
Total TNB	122,960.0	38.18 %
ST-Coal	97,451.0	30.26 %
ST-Gas	1,585.0	0.49 %
ST-Oil	11,203.0	3.48 %
Gas	78,374.0	24.34 %
Distillate	9,621.0	2.99 %
Total IPP	198,234.0	61.55 %
Co-Gen	1,496.0	0.46 %
Total Co-Gen	1,496.0	0.46 %
Total Generation	322,690.0	100.20 %
PLTG	-36.0	-0.01 %
HVDC	665.0	0.21 %
Interconnection	629.0	0.20 %
Net Energy	322,061.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	409
Hydro	235
Syncon	274
Thermal	37
Total	955

Weather Temperature

Weather	Temperature
Morning	Sunny 25
Afternoon	Hot 36

Table with columns: 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. Rows include various power stations like SGRI, YPGS, YPKA, etc., and their hourly generation in MW.

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	
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	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	-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	-1
TMGR	HY04	34	36	32	34	32	31	30	33	32	32	30	34	32	33	28	22	24	37	37	39	42	35	79	76	36
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		664	647	663	640	538	536	534	540	538	536	535	541	536	539	535	515	524	559	559	670	949	1061	1256	1229	1179
KLPP	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PDPS	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGLA	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGPS	GT3A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGPS	GT3B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGPS	ST3C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PTEK	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUFG	13	20	19	19	19	20	20	19	20	20	20	21	20	20	20	21	20	19	19	21	17	16	14	14	16
PCUF	CUFK	33	32	32	32	33	34	36	35	36	36	37	36	38	36	38	38	40	41	41	39	41	40	40	39	39
Total Co-Gen		46	52	51	51	52	54	56	54	55	56	55	57	56	58	56	57	57	60	61	62	59	61	60	61	59
Total Gen		12197	11670	11578	11331	11098	11006	10783	10674	10433	10436	10337	10378	10637	10820	10980	10981	11788	12589	13408	14086	14447	14885	15142	15371	15245
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
TIE-HVDC		-30	-30	31	30	30	30	31	31	31	31	30	29	31	31	29	29	31	31	31	31	30	30	30	30	30
TIE-PLTG		145	-67	142	98	-45	49	102	39	2	4	127	-94	-8	-161	16	165	112	-125	-95	-37	-40	-25	-9	-86	
Interconnection		115	-97	173	128	-15	79	132	70	33	35	158	-64	21	-130	47	194	141	-94	-64	-8	-11	6	22	-55	
System Total		12082	11767	11405	11283	11113	10921	10651	10604	10400	10401	10179	10442	10616	10950	10933	10787	11647	12683	13472	14094	14458	14879	15120	15426	15150
SRev ST-Coal		35	53	43	41	37	71	134	215	129	134	279	263	151	30	31	44	35	26	26	21	32	26	23	25	28
SRev ST-Oil		15	14	14	14	14	14	15	15	14	14	13	13	11	11	11	11	11	11	11	12	12	10	10	11	11
SRev CCGT-Gas		727	1078	1056	1279	1424	1486	1375	1458	1556	1552	1493	1478	1326	1269	961	1726	1655	1144	914	451	388	422	363	285	282
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
SRev Distillate		0	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
Syncon		474	625	474	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625	625
Hydro		218	84	218	90	90	92	94	88	90	92	93	87	92	89	244	113	104	69	69	108	234	222	232	259	309
S.Reserve Total		1469	1854	1805	2049	2190	2288	2242	2401	2415	2417	2504	2466	2207	2024	1721	2520	2431	1874	1644	1216	1052	1038	985	1021	1139