

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	70	MW
Gas	3,977	MW
Hydro	1,837	MW
Distillate	0	MW
Total TNB	7,954	MW
Total IPP	10,906	MW
Total Co-Gen	74	MW
System Total	18,934	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	5,656 MW
IPP Generation	9,486 MW
Total Set On Bus	16,239 MW
Maximum Demand	15,449 MW
Spinning Reserve	1,023 MW
Net Energy	316,389 MWH
Load Factor	85.3 %

Maximum Demand Record

Date :	16/04/2013	16,356.0 MW
Date :	16/04/2013	338,800.0 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	11727	11441	10827	10577	10326	10050	10410	10578	11250	13252	14168	15009	14922	14629	15208	15299	15449	15143	13785	13523	14539	14279	13897	13501

Gas Usage

Station	(mmscfd)
CBPS	46
GLGR	56
PAKA	154
PGPS	42
SRDG	41
TJGS	103
TNB Total	443
KLPP	109
PDPS	18
PGLA	44
PKLG	48
PLPS	97
PTEK	15
SGRI	218
SKSP	34
YPGS	45
YPKA	69
IPP Total	697
Total Gas	1,140
Total Gas Required :	1,201
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
PGPS	10
PKLG	52
Total	62

Generation Mix

Type	MWh	Percentage
ST-Coal	49,406.00	15.62 %
ST-Oil	886.00	0.28 %
Gas	53,665.00	16.96 %
Hydro	12,350.00	3.90 %
Total TNB	116,307.0	36.76 %
ST-Coal	101,275.0	32.01 %
ST-Gas	3,126.0	0.99 %
ST-Oil	5,105.0	1.61 %
Gas	84,317.0	26.65 %
Total IPP	193,823.0	61.26 %
Co-Gen	2,150.0	0.68 %
Total Co-Gen	2,150.0	0.68 %
Total Generation	312,280.0	98.70 %
PLTG	-4,841.0	-1.53 %
HVDC	732.0	0.23 %
Interconnection	-4,109.0	-1.30 %
Net Energy	316,389.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	330
Hydro	118
Syncon	485
Thermal	53
Total	985

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	32

Table with columns: Station, Unit, and hourly MW generation values from 0000 to 2300. Rows include various power stations such as SGRI, YPGS, YPKA, TIJS, BSLA, and SYPS.

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		
SYPS	HY02	25	25	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	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	-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	HY02	33	31	33	35	32	37	37	30	38	36	32	37	40	30	25	28	38	36	37	42	38	44	48	33	26	29
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	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	
UPIA	HY01	6	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		376	373	325	256	269	212	212	200	235	210	204	211	219	200	189	163	184	312	520	801	727	864	882	922	669	676
PCUF	CUFG	50	51	49	50	51	50	52	51	51	52	50	52	51	51	50	51	50	48	47	48	46	49	47	46	45	46
PCUF	CLFK	35	34	36	33	35	36	35	36	38	38	37	37	36	37	39	37	38	38	35	34	33	32	30	29	30	28
Total Co-Gen		85	85	85	83	86	86	85	88	89	89	89	87	86	89	90	88	89	88	86	84	81	79	78	75	79	75
Total Gen		11600	11449	11227	10881	10661	10696	10370	10123	10125	10025	9920	10094	10214	10323	10473	10468	11075	12390	13075	13546	13974	14424	14710	15011	14865	14699
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		31	31	31	31	30	30	31	31	31	31	31	31	30	30	30	31	31	29	29	31	31	30	30	31	31	
TIE-PLTG		-158	-187	-245	-306	-196	-195	-238	-154	-232	-213	-161	-233	-226	-140	-135	-104	-206	-239	-208	-223	-224	-217	-330	-156	-87	
Interconnection		-127	-156	-214	-275	-166	-165	-207	-123	-201	-182	-130	-202	-196	-110	-105	-74	-175	-208	-177	-192	-194	-187	-299	-125	-57	
System Total		11727	11605	11441	11156	10827	10861	10577	10246	10326	10205	10050	10296	10410	10433	10578	10542	11250	12598	13252	13738	14168	14611	15009	15136	14922	
SRev ST-Coal		21	24	22	11	59	61	10	236	251	238	276	270	283	205	177	171	17	13	2	13	18	26	15	4	8	
SRev ST-Gas		79	73	73	73	73	73	73	73	73	73	73	73	73	73	74	73	74	72	72	74	36	36	36	36	36	
SRev ST-Oil		5	5	5	6	6	6	6	5	5	5	5	5	5	5	5	4	5	5	5	5	84	45	42	45	40	
SRev CCGT-Gas		616	674	484	769	957	785	1127	1252	1174	1262	1548	1385	1262	1444	1442	1490	1359	1111	850	772	347	186	199	319	369	
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	3	7	166		
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		726	726	726	726	575	726	726	726	726	726	726	726	726	576	726	726	726	726	726	625	474	474	474	323	625	
Hydro		124	127	125	119	257	138	138	150	266	140	146	139	131	150	161	137	116	93	91	136	210	98	80	281	147	
S.Reserve Total		1571	1629	1435	1704	1927	1789	2080	2442	2344	2444	2774	2598	2480	2453	2584	2602	2296	2021	1646	1474	1159	864	854	1213	1234	