

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,601 MW
Hydro	1,718 MW
Distillate	0 MW
Total TNB	7,459 MW
Total IPP	8,554 MW
Total Co-Gen	81 MW
System Total	16,094 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 19:30	
TNB Generation	5,882 MW
IPP Generation	7,325 MW
Total Set On Bus	14,233 MW
Maximum Demand	13,313 MW
Spinning Reserve	945 MW
Net Energy	281,088 MWH
Load Factor	88.0 %

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	12611	11826	11345	11085	10741	10614	10497	10300	9997	10437	11169	11712	11943	11920	12014	12096	12044	11858	11669	12342	13287	13155	12948	12826

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	64
PAKA	158
PGPS	54
SRDG	27
TJGS	112
TNB Total	460
KLPP	44
MPSS	60
PDPS	8
PGLA	116
PKLG	28
PTEK	8
SGB3	98
SGRI	190
SKSP	57
YPGS	30
YPKA	91
IPP Total	730
Total Gas	1,190

Total Gas Required : 1,190
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,206.00	17.51 %
Gas	57,291.00	20.38 %
Hydro	11,252.00	4.00 %
Total TNB	117,749.0	41.89 %
ST-Coal	65,351.0	23.25 %
ST-Gas	2,717.0	0.97 %
Gas	92,371.0	32.86 %
Total IPP	160,439.0	57.08 %
Co-Gen	1,978.0	0.70 %
Total Co-Gen	1,978.0	0.70 %
Total Generation	280,166.0	99.67 %
PLTG	-555.0	-0.20 %
EGAT	331.0	0.12 %
HVDC	-698.0	-0.25 %
Interconnection	-922.0	-0.33 %
Net Energy	281,088.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	163
Hydro	155
Syncon	433
Thermal	56
Total	807

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	35

Daily MW Generation On Sunday

24-Nov-2013

Table with 23 columns (Station, Unit, 0000-2300) and multiple rows of data for various power stations including SGRI, YPKA, SKSP, PDPS, KNRG, etc.

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	
UPIA HY01	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA HY02	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro	364	259	268	363	261	307	268	200	235	230	203	232	242	281	177	175	204	185	186	186	329	716	711	658	736
PCUF CUFG	44	44	44	43	43	43	44	44	43	43	42	45	44	45	45	44	44	42	42	42	41	40	42	43	43
PCUF CUFK	38	40	40	39	41	40	40	41	40	42	41	42	39	40	39	40	41	42	39	40	40	39	39	40	38
Total Co-Gen	82	84	84	82	84	83	84	85	83	85	83	87	83	85	84	84	85	82	82	81	80	81	82	82	83
Total Gen	12495	12105	11716	11583	11249	11212	11044	11001	10665	10594	10520	10557	10474	10648	10320	10242	9936	10250	10449	10875	11121	11631	11697	11840	11838
TIE-EGAT	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	28	28	28	27	29	30	31	31	31	30	30	30
TIE-HVDC	-29	-29	-29	-29	-29	-28	-29	-29	-29	-30	-29	-30	-29	-29	-29	-30	-29	-29	-29	-30	-29	-29	-28	-30	-29
TIE-PLTG	-86	10	-80	-77	-66	11	-11	33	-46	-25	-64	-40	7	-51	21	68	-59	-16	11	-57	-48	-16	-15	-80	-105
Interconnection	-116	-20	-110	-107	-96	-18	-41	3	-76	-56	-94	-71	-23	-52	20	67	-61	-17	12	-55	-47	-14	-14	-80	-104
System Total	12611	12125	11826	11690	11345	11230	11085	10998	10741	10650	10614	10628	10497	10700	10300	10175	9997	10267	10437	10930	11168	11645	11711	11920	11942
SRev ST-Coal	117	120	126	130	80	74	71	67	93	95	67	75	238	163	161	167	332	317	321	84	72	60	63	57	64
SRev ST-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 CCGT-Gas	172	163	114	148	185	170	257	237	580	646	719	707	633	575	800	870	1039	720	518	278	466	790	391	201	287
SRev OCGT-Gas	-7	102	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
Synocon	625	575	726	625	539	539	539	640	640	640	489	640	489	640	640	640	640	640	539	388	539	539	625	625	625
Hydro	44	199	39	45	148	102	141	108	73	78	105	227	66	177	131	133	104	123	122	122	70	259	141	129	99
S.Reserve Total	951	1159	1005	948	952	885	1008	1052	1386	1459	1531	1498	1577	1404	1732	1810	2115	1800	1601	1124	1147	1497	1134	936	1073