

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	70 MW
ST-Oil	0 MW
Gas	3,492 MW
Hydro	1,769 MW
Distillate	0 MW
Total TNB	6,711 MW
Total IPP	10,689 MW
Total Co-Gen	47 MW
System Total	17,447 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00

TNB Generation	5,659 MW
IPP Generation	9,856 MW
Total Set On Bus	16,598 MW
Maximum Demand	15,616 MW
Spinning Reserve	1,036 MW
Net Energy	321,544 MWH
Load Factor	85.8 %

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	12403	11757	11176	10870	10638	10719	10819	10870	11644	13574	14529	15228	15169	14803	15266	15454	15616	15271	14137	13883	14739	14797	14301	13893

Gas Usage

Station	(mmscfd)
CBPS	93
GLGR	31
PAKA	100
PGGS	19
PGPS	40
SRDG	60
TJGS	123
TNB Total	466
KLPP	102
MPSS	56
PDPS	57
PGLA	114
PKLG	39
PLPS	106
PTEK	36
SGB3	82
SGRI	188
SKSP	57
YPKA	125
IPP Total	961
Total Gas	1,427
Total Gas Required :	1,553
Gas Calorific Value :	38,500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	9
PGPS	13
PKLG	78
SGB3	9
SGRI	18
Total	126

Generation Mix

Type	MWh	Percentage
ST-Coal	33,118.00	10.30 %
Gas	55,610.00	17.29 %
Hydro	18,658.00	5.80 %
Distillate	1,655.00	0.51 %
Total TNB	109,041.0	33.91 %
ST-Coal	79,811.0	24.82 %
ST-Gas	713.0	0.22 %
ST-Oil	7,697.0	2.39 %
Gas	119,063.0	37.03 %
Distillate	4,441.0	1.38 %
Total IPP	211,725.0	65.85 %
Co-Gen	1,333.0	0.41 %
Total Co-Gen	1,333.0	0.41 %
Total Generation	322,099.0	100.17 %
PLTG	-81.0	-0.03 %
HVDC	636.0	0.20 %
Interconnection	555.0	0.17 %
Net Energy	321,544.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	349
Hydro	213
Syncon	192
Thermal	133
Total	887

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	36

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	HY04	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
LPIA	HY01	19	19	19	19	21	21	20	19	19	19	20	21	20	20	19	18	19	19	18	18	19	19	19	19
MNOR	HY01	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
PGAU	HY01	-1	-1	-1	-1	20	-1	-1	-1	-1	-1	-1	-1	-1	110	-1	-1	138	128	128	124	-1	-1	-1	79
PGAU	HY02	-1	-1	-1	-1	-1	-1	23	-1	-1	-1	-1	-1	-1	-1	0	0	0	76	73	20	31	113	113	
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	113	83	-1	140	131	131	126	-1	-1	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	140	130	130	125	120	0	0	111	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	50	50	30	0	0	0	30	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	30	0	0	0	30	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	30	0	0	0	30	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	69	69	73	79	79	79	78	77	33	
TMGR	HY03	37	29	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	70	70	80	80	80	80	68	-1	73	
TMGR	HY04	39	32	40	34	36	41	37	43	41	40	39	40	42	32	35	37	43	37	67	66	69	77	77	
UPLA	HY01	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		543	516	506	494	500	529	505	533	507	504	505	510	513	499	501	511	501	903	821	758	1253	1361		
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	
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	
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	
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	
SGB3	GT31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	GT23	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	
PCUF	CUFG	26	22	23	23	22	23	23	22	23	23	22	23	23	22	23	23	22	22	23	22	21	23	23	
PCUF	CUFK	30	32	31	32	30	32	32	32	31	31	31	30	30	31	30	28	28	30	28	28	29	29	28	
Total Co-Gen		56	54	54	55	52	55	55	54	53	54	54	52	53	54	53	50	50	53	50	51	52	53		
Total Gen		12310	11816	11659	11505	11184	11130	10875	10809	10755	10778	10733	10752	10924	11127	11020	10920	11627	12751	13553	14235	14495	15964		
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	
TIE-HVDC		-29	-29	-29	30	30	30	30	30	30	30	29	29	31	31	30	30	30	30	30	30	30	30	30	
TIE-PLTG		-64	52	-69	4	-22	2	-25	-23	87	-9	-16	-35	76	120	119	28	-47	-28	-52	2	-64	-12		
Interconnection		-93	23	-98	34	8	32	5	7	117	21	14	-6	105	151	150	58	-17	3	-21	32	-34			
System Total		12403	11793	11757	11471	11176	11098	10870	10802	10638	10757	10719	10758	10819	10976	10870	10862	11644	12748	13574	14203	14529			
SRev ST-Coal		121	131	117	120	123	123	121	139	120	122	119	121	127	129	123	121	125	122	126	189	190	198		
SRev ST-Gas		0	0	0	0	0	0	0	0	0	60	60	62	63	69	74	74	75	75	75	78	38	40		
SRev ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	4	25	13		
SRev CCGT-Gas		197	439	180	314	637	720	954	1048	1054	1049	1090	1112	1151	918	1216	1519	1312	515	375	268	241	231		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	102	99	21	6	94	161	342	260		
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	
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	

Daily MW Generation On Monday

26-Aug-2013

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																								
Syncon		539	539	625	625	474	625	474	625	625	625	625	474	625	625	625	151	302	453	0	0	0	0	302	388	302	151	151	302	302	0	151	151	302	453	453	453	302	453	453	453	302	453	453	302	453			
Hydro		140	167	91	103	97	219	92	215	90	90	93	92	87	235	98	96	86	96	190	219	131	189	231	230	380	304	362	277	431	433	315	290	491	366	316	213	160	139	129	94	195	53	85	63	68	66	196	57
S.Reserve Total		997	1276	1013	1162	1482	1536	1794	1858	1908	1884	1930	2008	2053	1810	2123	2430	2224	1439	1016	1084	1046	626	782	875	1221	1381	1419	1061	1105	1161	1097	1029	1036	1027	930	1147	1565	1819	1839	1173	1052	992	1086	1199	1156	1050	1140	937