

Availability At Daily Maximum Demand Hour

ST-Coal	1,380 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	4,135 MW
Hydro	1,871 MW
Distillate	0 MW
Total TNB	7,526 MW
Total IPP	11,059 MW
Total Co-Gen	86 MW
System Total	18,671 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:30

TNB Generation	4,593 MW
IPP Generation	8,130 MW
Total Set On Bus	13,637 MW
Maximum Demand	12,804 MW
Spinning Reserve	828 MW
Net Energy	273,701 MWH
Load Factor	89.1 %

Maximum Demand Record

Date :	20/06/2012	15,826.0 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	12623	12157	11662	11248	11024	10710	10766	10537	9914	10290	10861	11282	11373	11470	11555	11401	11241	11114	11040	11531	12650	12643	12501	12293

Gas Usage

Station	(mmscfd)
CBPS	60
GLGR	31
PAKA	91
PGPS	55
SRDG	1
TJGS	222
TNB Total	460
KLPP	120
MPSS	64
PGLA	61
PLPS	124
SGB3	71
SGRI	72
SKSP	55
YPGS	31
YPKA	95
IPP Total	692
Total Gas	1,152

Total Gas Required : 1,152
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,754.00	11.97 %
Gas	62,007.00	22.66 %
Hydro	5,698.00	2.08 %
Total TNB	100,459.0	36.70 %
ST-Coal	81,605.0	29.82 %
ST-Oil	90.0	0.03 %
Gas	90,296.0	32.99 %
Total IPP	171,991.0	62.84 %
Co-Gen	1,885.0	0.69 %
Total Co-Gen	1,885.0	0.69 %
Total Generation	274,335.0	100.23 %
PLTG	-58.0	-0.02 %
HVDC	692.0	0.25 %
Interconnection	634.0	0.23 %
Net Energy	273,701.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	199
Hydro	124
Syncon	536
Thermal	55
Total	913

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32

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
TJGS	GT1B	223	225	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
TJGS	ST1C	257	257	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260	260
TJGS	GT2A	209	207	209	210	210	211	210	210	211	210	211	210	211	210	209	210	209	206	207	206	204	204	203	205
TJGS	GT2B	217	214	217	217	217	219	218	218	218	218	219	219	219	219	219	220	217	214	217	214	214	211	211	211
TJGS	ST2C	259	259	259	259	259	258	259	259	260	259	259	259	259	259	258	258	258	257	258	258	258	259	259	259
Total CCGT-Gas		6850	6903	6818	6697	6526	6365	6099	6065	6144	6045	6141	6128	6193	6112	6083	6056	5956	6170	6140	6088	6413	6486	6473	6437
PKLG	GT08	124	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT01	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT02	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total OCGT-Gas		328	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY01	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
CEND	HY01	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
KNRG	HY03	30	31	31	32	31	30	30	30	31	30	31	31	30	31	31	30	31	30	32	30	31	30	31	30
KNYR	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
KNYR	HY04	57	66	60	66	61	55	59	55	59	55	56	58	60	55	56	54	61	62	58	54	61	62	60	63
LPIA	HY01	23	24	23	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	23	23	23	23	23	23
LMNOR	HY01	5	5	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PGAU	HY01	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
PGAU	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
PGAU	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
SIHY	HY01	30	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	30	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	30	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY02	16	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	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY04	16	0	0	0	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
TMGR	HY02	31	39	33	39	35	29	33	29	33	29	30	32	34	29	29	28	35	35	32	28	34	35	34	36
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
UPIA	HY02	4	4	4	4	4	4	4	4	4	5	5	5	4	4	5	5	5	5	5	4	4	4	4	4
Total Hydro		328	192	200	193	181	169	177	169	176	169	173	202	181	170	195	168	182	184	178	168	183	184	180	207
PCUF	CUFG	51	51	56	53	49	53	51	51	53	53	49	53	51	49	54	55	51	53	50	50	14	0	0	0
PCUF	CUFK	35	32	33	33	32	31	31	31	33	32	31	32	32	33	33	32	32	32	32	31	31	31	31	31
Total Co-Gen		86	83	89	86	81	84	84	85	84	81	85	83	82	87	87	83	85	82	81	45	31	33	31	30
Total Gen		12699	12413	12214	11994	11710	11530	11276	11170	11020	10845	10743	10739	10751	10665	10553	10242	9913	10178	10314	10612	10920	11150	11330	11452
TIE-BGAT		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	30	30	30	0	0	31	31	31	29	29	30	30	31	31	29	29	29	30	31	31	31	30
TIE-PLTG		46	-8	27	-32	18	34	28	91	-35	-8	2	-14	-44	-43	-14	80	-32	40	-5	28	29	-67	17	
Interconnection		76	22	57	-22	48	64	28	91	-4	23	33	15	-15	-13	16	111	-1	69	24	57	59	-36	48	
System Total		12623	12391	12157	12016	11662	11466	11248	11079	11024	10822	10710	10724	10766	10678	10537	10331	9914	10109	10290	10555	10861	11186	11282	11433
SRev ST-Coal		12	11	18	52	60	57	54	105	290	275	432	429	460	463	469	515	551	550	513	447	470	342	167	

Daily MW Generation On Sunday

03-Feb-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																										
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 CCGT-Gas		255	202	287	198	147	308	574	608	529	628	532	545	480	561	590	570	670	456	486	538	213	140	153	130	158	156	153	189	274	251	478	449	556	587	739	740	756	725	549	148	107	106	306	253	257	113	260	315		
SRev OCGT-Gas		-28	-24	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	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	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	575	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726
Hydro		214	100	243	99	111	123	115	123	116	123	119	241	111	122	248	124	110	108	114	124	109	108	112	236	114	110	101	115	96	253	131	109	119	111	112	240	120	120	118	210	105	129	218	345	189	172	183	123		
S.Reserve Total		1179	1015	1123	1075	1044	1214	1469	1562	1661	1752	1809	1790	1777	1874	1882	1935	2057	1840	1839	1835	1518	1316	1158	1040	1092	1093	1076	1136	1145	1127	1368	1377	1529	1553	1698	1679	1726	1695	1521	1171	944	828	1123	1051	1173	1012	1180	1194		