

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	0	MW
ST-Oil	80	MW
Gas	3,056	MW
Hydro	1,890	MW
Distillate	730	MW
Total TNB	7,736	MW
Total IPP	10,322	MW
Total Co-Gen	44	MW
System Total	18,102	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 15:00

TNB Generation	5,893	MW
IPP Generation	8,231	MW
Total Set On Bus	15,100	MW
Maximum Demand	14,268	MW
Spinning Reserve	932	MW
Net Energy	294,409	MWH
Load Factor	86.0	%

Maximum Demand Record

Date :	09/05/2011	15,476.0 MW
Date :	10/05/2011	318,459.0 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	11672	11174	10603	10533	10324	10087	10147	10330	10943	12597	13405	14014	13952	13451	13782	14268	14199	13945	12904	13195	13362	13006	12711	12132

Gas Usage

Station	(mmscfd)
CBPS	44
GLGR	55
PAKA	131
SRDG	13
TJGS	29
TNB Total	273
KLPP	57
MPSS	27
PGLA	58
PLPS	70
SGB3	65
SGRI	49
SKSP	47
YPGS	68
YPKA	130
IPP Total	570
Total Gas	843

Total Gas Required : 1,148
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	26
PGLA	23
PGPS	17
PKLG	130
PLPS	13
SGB3	11
TEWA	2
TJGS	83
Total	305

Generation Mix

Type	MWh	Percentage
ST-Coal	44,935.00	15.26 %
ST-Oil	1,616.00	0.55 %
Gas	33,587.00	11.41 %
Hydro	21,498.00	7.30 %
Distillate	13,094.00	4.45 %
Total TNB	114,730.0	38.97 %
ST-Coal	77,360.0	26.28 %
ST-Gas	66.0	0.02 %
ST-Oil	12,802.0	4.35 %
Gas	76,508.0	25.99 %
Distillate	9,465.0	3.21 %
Total IPP	176,201.0	59.85 %
Co-Gen	1,212.0	0.41 %
Total Co-Gen	1,212.0	0.41 %
Total Generation	292,143.0	99.23 %
PLTG	96.0	0.03 %
HVDC	-2,362.0	-0.80 %
Interconnection	-2,266.0	-0.77 %
Net Energy	294,409.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	447
Hydro	304
Syncon	221
Thermal	43
Total	1016

Weather Temperature

Weather	Temperature
Morning	Sunny 24
Afternoon	Hot 30

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	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
TMGR	HY01	40	40	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	69	40	64	41	48	39	61	84	38	38	36	40	42	43	41	41	43	41	37	39	52	73	82	58
TMGR	HY03	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
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
Total Hydro		824	805	695	482	468	438	452	490	397	414	407	437	486	606	558	529	497	1041	1023	1106	1375	1496	1597	1450
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
KLPP	GT14	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGLA	GT11	65	0	0	0	0	0	1	1	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	0
TEWA	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
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2A	228	228	228	228	131	124	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	GT2B	223	221	223	223	125	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TJGS	ST2C	246	246	246	246	192	117	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Distillate		873	695	697	697	448	279	216	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	20	15	15	15	15	16	17	15	16	15	16	16	15	15	15	14	16	15	15	15	13	15	16	15
PCUF	CUFK	29	30	30	29	31	29	30	31	31	31	30	31	30	31	32	32	33	30	30	30	27	28	29	28
Total Co-Gen		49	45	45	44	46	45	47	46	47	46	46	47	45	46	46	46	46	46	46	46	46	46	46	
Total Gen		11412	11060	10884	10602	10288	10073	10189	10069	10119	10025	10019	10051	10142	10363	10325	10476	10990	11758	12346	12929	13323	13515	13867	13940
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
TIE-HVDC		-294	-295	-294	-295	-294	-293	-295	-196	-195	-98	-98	30	30	30	29	29	-294	-293	-98	-98	-98	-98	-98	-98
TIE-PLTG		34	47	4	52	-21	-42	-49	-93	-10	31	30	8	-35	-69	-35	-59	18	-16	42	52	16	-10	-49	
Interconnection		-260	-248	-290	-243	-315	-335	-344	-289	-205	-67	-68	38	-5	-39	-5	-30	47	-310	-251	-46	-82	-108	-147	
System Total		11672	11308	11174	10845	10603	10408	10533	10358	10324	10092	10087	10013	10147	10402	10330	10506	10943	12068	12897	12975	13405	13623	14014	14034
SRev ST-Coal		41	41	43	46	48	53	49	106	114	262	257	260	251	157	117	117	61	26	27	30	21	28	27	29
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
SRev ST-Oil		4	4	10	7	4	5	4	4	4	3	3	2	2	3	3	3	33	46	49	49	49	49	49	7
SRev CCGT-Gas		965	976	626	694	748	757	829	1184	1034	995	1000	996	962	956	985	945	697	748	1037	651	552	557	626	557
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
SRev Distillate		187	225	3	3	252	421	254	-1	-1	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
Syncon		539	388	625	625	625	625	625	625	625	474	625	474	731	474	625	625	625	388	388	237	86	86	86	86
Hydro		273	443	58	271	224	254	205	167	260	394	285	371	65	202	99	128	160	232	325	393	425	304	203	350
S.Reserve Total		2009	2077	1365	1646	1901	2115	1966	2085	2036	2129	2170	2104	2011	1791	1829	1818	1545	1476	1783	1341	1092	1015	1092	1085