

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	150	MW
ST-Oil	0	MW
Gas	4,281	MW
Hydro	1,885	MW
Distillate	60	MW
Total TNB	8,356	MW
Total IPP	10,992	MW
Total Co-Gen	80	MW
System Total	19,988	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00

TNB Generation	5,014	MW
IPP Generation	6,940	MW
Total Set On Bus	13,249	MW
Maximum Demand	12,050	MW
Spinning Reserve	1,215	MW
Net Energy	244,034	MWH
Load Factor	84.4	%

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	10095	9669	9298	9029	8822	8624	8941	8814	8702	9357	10128	10518	10759	10582	10852	10935	10983	10727	10575	11107	12050	11764	11487	11148

Gas Usage

Station	(mmscfd)
GLGR	60
SRDG	8
TJGS	177
TNB Total	245
KLPP	120
PGLA	122
PLPS	118
SGB3	97
SKSP	52
YPKA	55
IPP Total	565
Total Gas	809

Total Gas Required : 809
Gas Calorific Value : 38.500

Generation Mix

Type	MWh	Percentage
ST-Coal	42,166.00	17.28 %
Gas	35,211.00	14.43 %
Hydro	13,610.00	5.58 %
Total TNB	90,987.0	37.28 %
ST-Coal	73,487.0	30.11 %
Gas	77,077.0	31.58 %
Total IPP	150,564.0	61.70 %
Co-Gen	2,085.0	0.85 %
Total Co-Gen	2,085.0	0.85 %
Total Generation	243,636.0	99.84 %
PLTG	210.0	0.09 %
HVDC	-608.0	-0.25 %
Interconnection	-398.0	-0.16 %
Net Energy	244,034.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	120
Hydro	205
Syncon	440
Thermal	316
Total	1081

	Weather	Temperature
Morning	Sunny	26
Afternoon	Hot	34

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
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	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
KNRG	HY03	37	37	38	38	38	37	37	37	37	38	38	38	37	37	38	38	38	37	37	37	37	37	38	38
KNYR	HY01	52	98	88	60	55	53	49	53	54	66	83	104	53	102	54	42	98	97	105	105	104	95	92	102
KNYR	HY02	64	102	95	72	67	66	61	67	67	80	88	107	67	106	68	56	102	102	107	107	99	95	104	98
KNYR	HY03	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNYR	HY04	64	101	95	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LPLA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
LPLA	HY02	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
MNOR	HY01	8	8	5	5	5	5	5	5	5	5	5	5	4	4	4	6	6	6	6	8	8	8	8	8
PGAU	HY01	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	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	110	131	82	82	110	-1	-1	-1	-1
PGAU	HY03	73	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	135	119	131	-1	-1	-1	-1	-1	
PGAU	HY04	72	82	80	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	82	82	-1	-1	-1	-1	-1	
SIHY	HY01	50	50	42	0	0	0	0	0	0	0	0	0	0	0	0	50	50	49	49	49	49	49	49	49
SIHY	HY02	49	49	50	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50
SIHY	HY03	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49
SYPS	HY01	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY02	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY03	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
SYPS	HY04	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	25	25	25
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	37	37	35	33	32	31	33	32	35	35	40	33	38	33	27	37	37	41	41	39	34	35	39
TMGR	HY03	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	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		823	793	654	359	277	273	261	273	274	302	328	373	274	368	275	269	357	356	376	662	853	881	677	
PCUF	CUFG	52	51	51	52	52	51	51	52	53	53	54	52	53	51	53	51	52	53	51	53	51	52	53	52
PCUF	CUFK	33	29	31	30	27	28	30	29	28	28	29	28	29	29	29	28	29	29	30	27	28	29	27	30
Total Co-Gen		85	80	82	82	79	79	81	81	81	81	83	80	82	81	77	79	82	80	81	81	81	80	76	
Total Gen		10188	9934	9696	9396	9310	9018	9003	8838	8794	8628	8534	8591	8885	8665	8785	8559	8604	8913	9244	9741	10025	10493	10557	
TTE-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
TTE-HVDC		30	30	31	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TTE-PLTG		63	-50	-4	-5	41	55	3	-75	2	-25	-61	-140	-27	-92	0	57	-69	-14	-84	13	-74	18	68	
Interconnection		93	-20	27	-34	12	26	-26	-104	-28	-55	-90	-169	-56	-121	-29	28	-98	-43	-113	-16	-103	-11	39	
System Total		10095	9954	9669	9430	9298	8992	9029	8942	8822	8683	8624	8760	8941	8786	8814	8531	8702	8956	9357	9757	10128	10504	10518	
SRev ST-Coal		503	578	578	579	579	598	598	619	601	600	631	631	631	631	640	620	628	623	605	569	568	538	479	
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 CCGT-Gas		134	226	326	55	54	63	96	79	68	75	73	74	88	73	46	119	37	6	26	31	121	25	35	
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		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

Daily MW Generation On Monday

26-Dec-2011

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		323	474	474	625	625	625	625	625	625	625	625	625	474	625	625	625	474	323	172	474	474	323	474	474	625	625	625	625	625	625	625	474	625	474	172	86	474	625	625	625	625	625						
Hydro		374	148	187	181	158	162	174	162	161	133	107	62	161	67	160	317	78	79	59	74	134	257	159	136	163	200	235	71	94	126	226	213	185	279	268	112	370	73	118	324	407	327	266	279	268	142	223	207
S.Reserve Total		1334	1426	1565	1440	1416	1448	1493	1485	1455	1433	1436	1392	1505	1396	1471	1530	1368	1333	1315	1148	1146	1142	1297	1209	1080	1275	1339	1201	1326	1262	1341	1348	1293	1382	1371	1251	1354	1417	1218	1118	1215	1235	1235	1201	1234	1032	1247	1294