

Availability At Daily Maximum Demand Hour

ST-Coal	1,200 MW
ST-Gas	0 MW
ST-Oil	155 MW
Gas	3,242 MW
Hydro	1,432 MW
Distillate	848 MW
Total TNB	6,877 MW
Total IPP	10,712 MW
Total Co-Gen	68 MW
System Total	17,657 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 11:00	
TNB Generation	4,417 MW
IPP Generation	8,237 MW
Total Set On Bus	13,765 MW
Maximum Demand	12,691 MW
Spinning Reserve	1,026 MW
Net Energy	280,798 MWH
Load Factor	92.2 %

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	12315	11621	11309	10956	10798	10784	10686	10591	10405	11569	12114	12691	12555	12172	12298	12393	12402	12076	11850	11964	12592	12397	12318	11823

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	61
PAKA	175
PGPS	49
TNB Total	330
KLPP	62
MPSS	56
PGLA	79
PLPS	84
SGB3	55
SGRI	40
SKSP	49
YPGS	34
YPKA	105
IPP Total	564
Total Gas	894

Total Gas Required : 1,240
Gas Calorific Value : 38.500

Alternate Fuel Usage

Station	(mmscfd)
KLPP	41
PGLA	1
PGPS	34
PKLG	135
PLPS	21
SGB3	2
SGRI	0
TJGS	112
Total	347

Generation Mix

Type	MWh	Percentage
ST-Coal	27,360.00	9.74 %
ST-Oil	3,240.00	1.15 %
Gas	40,781.00	14.52 %
Hydro	12,158.00	4.33 %
Distillate	15,270.00	5.44 %
Total TNB	98,809.0	35.19 %
ST-Coal	83,370.0	29.69 %
ST-Oil	13,306.0	4.74 %
Gas	75,862.0	27.02 %
Distillate	8,563.0	3.05 %
Total IPP	181,101.0	64.50 %
Co-Gen	1,925.0	0.69 %
Total Co-Gen	1,925.0	0.69 %
Total Generation	281,835.0	100.37 %
PLTG	310.0	0.11 %
HVDC	727.0	0.26 %
Interconnection	1,037.0	0.37 %
Net Energy	280,798.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	533
Hydro	108
Syncon	289
Thermal	28
Total	958

	Weather	Temperature
Morning	Sunny	25
Afternoon	Hot	31

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
PGLA	GT11	216	165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT31	127	127	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGB3	GT32	136	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SGRI	GT21	39	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	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLPS	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
TJGS	GT1A	114	114	114	114	114	114	114	114	113	113	115	112	115	114	114	114	114	114	114	115	114	114	114	114
TJGS	ST1C	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
TJGS	GT2A	144	147	147	147	147	147	147	147	63	45	60	231	231	231	230	231	231	230	228	228	228	220	203	179
TJGS	GT2B	0	0	0	0	14	7	0	0	0	0	0	0	0	59	60	60	74	90	125	144	174	205	227	
TJGS	ST2C	87	88	88	90	91	90	90	89	14	0	37	115	118	117	117	117	117	111	118	110	112	109	92	100
Total Distillate		1325	1002	718	552	554	567	559	550	393	361	411	660	665	662	664	663	663	714	720	834	875	879	881	
PCUF	CUFG	49	50	48	47	46	46	47	47	50	50	51	50	49	51	50	52	52	51	51	50	51	51	50	51
PCUF	CUFK	26	26	26	26	28	28	35	35	37	37	36	36	36	34	34	34	34	37	37	34	34	34	32	32
Total Co-Gen		75	76	74	73	74	74	82	82	87	87	86	87	86	85	85	84	86	86	88	88	84	85	85	84
Total Gen		12436	12174	11639	11609	11376	11112	10975	10841	10684	10837	10807	10684	10698	10550	10615	10410	10507	10984	11456	11709	12195	12448	12739	12704
TIE-EGAT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TIE-HVDC		29	29	31	31	30	30	30	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31
TIE-PLTG		93	-23	-12	35	38	-44	-10	-28	-142	-106	-6	-28	-16	13	-5	56	72	37	-143	-41	51	101	18	121
Interconnection		121	5	18	65	67	-15	19	1	-114	-78	23	1	12	41	24	85	102	67	-113	-11	81	131	48	
System Total		12315	12169	11621	11544	11309	11127	10956	10840	10798	10915	10784	10683	10686	10509	10591	10325	10405	10917	11569	11720	12114	12317	12691	12553
SRRev ST-Coal		8	12	6	8	1	13	46	48	38	48	57	87	104	104	105	128	221	163	23	22	20	22	10	23
SRRev ST-Oil		4	4	4	8	5	7	4	2	2	4	3	4	2	1	1	3	5	5	3	2	2	3	3	3
SRRev CCGT-Gas		594	594	600	493	461	581	564	686	682	486	498	667	751	805	909	925	850	611	702	799	543	563	484	447
SRRev 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
SRRev Distillate		-30	161	315	1	-1	-14	-6	3	160	104	142	-7	0	3	1	2	2	11	5	31	0	14	12	65
SRRev Co-Gen		-9	-9	-9	-9	-11	-11	-18	-18	-20	-20	-19	-19	-19	-17	-17	-17	-17	-17	-20	-20	-17	-17	-17	-15
Syncon		474	474	474	323	323	625	625	625	625	625	625	625	625	625	625	625	625	474	474	474	474	474	323	323
Hydro		371	137	156	111	351	122	106	109	43	42	252	274	165	256	118	280	142	187	44	180	150	159	362	222
S.Reserve Total		1412	1373	1546	935	1129	1323	1321	1455	1530	1289	1407	1631	1628	1775	1742	1946	1828	1434	1231	1488	1021	1067	1026	1066