

Availability At Daily Maximum Demand Hour

ST-Coal	1,980	MW
ST-Gas	155	MW
ST-Oil	0	MW
Gas	3,656	MW
Hydro	1,871	MW
Distillate	60	MW
Total TNB	7,722	MW
Total IPP	10,597	MW
Total Co-Gen	41	MW
System Total	18,925	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 14:30		
TNB Generation	5,479	MW
IPP Generation	8,644	MW
Total Set On Bus	15,226	MW
Maximum Demand	14,145	MW
Spinning Reserve	1,062	MW
Net Energy	285,577	MWH
Load Factor	84.1	%

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	10656	10087	9945	9515	9388	9190	9579	9604	10517	12052	13125	13709	13471	13310	13820	13974	14025	13697	12789	13005	13377	13122	12680	12150

Gas Usage

Station	(mmscfd)
CBPS	45
GLGR	55
PAKA	134
SRDG	19
TJGS	98
TNB Total	351
KLPP	112
MPSS	27
PGLA	77
PLPS	96
SGB3	78
SGRI	56
SKSP	49
YPGS	58
YPKA	121
IPP Total	673
Total Gas	1,024
Total Gas Required :	1,024
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	44,601.00	15.62 %
Gas	45,888.00	16.07 %
Hydro	16,106.00	5.64 %
Total TNB	106,595.0	37.33 %
ST-Coal	88,394.0	30.95 %
Gas	90,066.0	31.54 %
Distillate	135.0	0.05 %
Total IPP	178,595.0	62.54 %
Co-Gen	1,164.0	0.41 %
Total Co-Gen	1,164.0	0.41 %
Total Generation	286,354.0	100.27 %
PLTG	51.0	0.02 %
HVDC	726.0	0.25 %
Interconnection	777.0	0.27 %
Net Energy	285,577.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	346
Hydro	151
Syncon	465
Thermal	43
Total	1005

Weather Temperature

Weather	Temperature
Morning	Sunny 26
Afternoon	Cloudy 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
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
PLPS	GT12	145	114	114	114	114	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
PLPS	GT13	143	99	97	97	99	97	99	99	99	99	98	97	99	98	133	143	149	146	146	146	146	146	144	144
PLPS	ST18	138	138	138	138	138	114	114	114	114	114	114	114	114	114	114	169	216	216	216	216	216	216	216	216
SKSP	BLK1	346	297	213	212	212	214	212	216	214	214	213	214	213	215	211	215	278	210	346	325	358	356	356	327
TJGS	GT2A	214	189	188	211	196	190	190	190	126	125	125	125	169	166	165	146	198	201	215	205	185	214	190	217
TJGS	GT2B	209	182	182	204	191	182	184	185	120	117	118	118	163	157	158	139	193	194	211	190	180	210	183	212
TJGS	ST2C	259	243	251	250	243	243	242	242	206	207	207	219	228	228	217	260	257	259	251	249	260	244	261	259
Total CCGT-Gas		4578	4189	3971	4018	3944	3835	3814	3818	3677	3677	3538	3571	3669	3824	4055	4106	4655	5390	5989	6555	6648	6790	6729	6797
SRDG	GT01	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total CCGT-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
BSIA	HY01	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY02	19	19	19	20	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
BSIA	HY03	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CEND	HY01	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10
CEND	HY02	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10	10	10	10
CEND	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
KNRG	HY01	32	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	37	37	37	37	38	38	38	38	37	37	37	37	38	38	37	23	22	22	22	21	21	22	36	36
KNRG	HY03	35	35	35	35	36	36	35	36	35	37	37	37	37	37	37	20	21	21	20	19	21	38	37	0
KNYR	HY01	0	102	102	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
KNYR	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
KNYR	HY03	100	100	100	100	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
KNYR	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
LPIA	HY01	18	17	18	18	17	18	17	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MNOR	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	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
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	0	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	0	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	0	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	0	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	0	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	0	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	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	-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	37	37	38	52	45	35	37	36	40	39	76	83	83	74	35	49	40	41	45	40	38	66	38	
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		361	422	393	305	255	246	246	247	249	268	287	294	441	398	248	282	404	349	358	476	710	741	1007	1138

