

Availability At Daily Maximum Demand Hour

ST-Coal	1,380	MW
ST-Gas	0	MW
ST-Oil	0	MW
Gas	4,521	MW
Hydro	1,807	MW
Distillate	0	MW
Total TNB	7,708	MW
Total IPP	9,979	MW
Total Co-Gen	45	MW
System Total	18,292	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00		
TNB Generation	5,541	MW
IPP Generation	7,615	MW
Total Set On Bus	14,080	MW
Maximum Demand	13,149	MW
Spinning Reserve	879	MW
Net Energy	286,835	MWH
Load Factor	90.9	%

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	12501	11826	11294	11024	10588	10516	10447	10529	10317	11420	12256	12739	12874	12484	12769	12681	12592	12339	12070	12120	13149	12869	12527	12179

Gas Usage

Station	(mmscfd)
CBPS	55
GLGR	62
PAKA	93
PGPS	51
SRDG	10
TJGS	201
TNB Total	472
KLPP	109
PGLA	119
PLPS	118
SGB3	58
SGRI	82
YPKA	69
IPP Total	555
Total Gas	1,027
Total Gas Required :	1,027
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	32,952.00	11.49 %
Gas	61,996.00	21.61 %
Hydro	16,942.00	5.91 %
Total TNB	111,890.0	39.01 %
ST-Coal	101,355.0	35.34 %
Gas	72,947.0	25.43 %
Total IPP	174,302.0	60.77 %
Co-Gen	1,221.0	0.43 %
Total Co-Gen	1,221.0	0.43 %
Total Generation	287,413.0	100.20 %
PLTG	-145.0	-0.05 %
HVDC	723.0	0.25 %
Interconnection	578.0	0.20 %
Net Energy	286,835.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	271
Hydro	178
Syncon	370
Thermal	24
Total	843

Weather Temperature

Time	Weather	Temperature
Morning	Sunny	27
Afternoon	Hot	31

Daily MW Generation On Saturday

07-Jul-2012

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	
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		30	30	31	31	30	30	30	30	30	30	31	31	30	30	30	30	30	30	29	29	30	30	30	30	
TIE-PLTG		6	-42	39	48	-41	55	-87	48	52	-60	0	-27	5	-105	48	-2	-8	22	-70	-111	-101	-7	34	-11	
Interconnection		36	-12	70	79	-11	85	-57	78	82	-30	30	3	36	-74	78	28	22	52	-40	-81	-71	23	64	19	
System Total		12501	12065	11826	11399	11294	11033	11024	10741	10588	10638	10516	10513	10447	10604	10529	10551	10317	10944	11420	11988	12256	12608	12739	12910	
SRev ST-Coal		46	103	97	99	96	116	26	26	30	173	179	173	161	171	183	169	177	27	27	27	23	29	44	34	
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	0
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	0
SRev CCGT-Gas		359	295	275	536	644	651	635	686	821	798	820	829	834	822	716	755	979	662	488	307	492	256	154	149	
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	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
Syncon		625	625	625	625	474	625	474	474	625	474	625	625	625	625	625	539	539	539	539	388	388	539	539	625	
Hydro		121	62	97	153	236	112	186	182	41	133	171	46	85	40	56	72	79	177	67	251	248	266	229	171	
S.Reserve Total		1151	1085	1094	1413	1450	1504	1421	1468	1617	1678	1744	1773	1805	1758	1680	1721	1960	1505	1121	1124	1302	939	896	901	