

Availability At Daily Maximum Demand Hour

ST-Coal	2,070 MW
ST-Gas	0 MW
ST-Oil	140 MW
Gas	3,756 MW
Hydro	1,838 MW
Distillate	0 MW
Total TNB	7,804 MW
Total IPP	10,166 MW
Total Co-Gen	87 MW
System Total	18,337 MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 20:00	
TNB Generation	5,294 MW
IPP Generation	8,090 MW
Total Set On Bus	14,359 MW
Maximum Demand	13,528 MW
Spinning Reserve	888 MW
Net Energy	289,745 MWH
Load Factor	89.2 %

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	12388	11702	11385	10935	10698	10519	10638	10592	10500	11529	12353	12931	13003	12743	12996	12916	12903	12650	12198	12390	13528	13273	12851	12686

Gas Usage

Station	(mmscfd)
GLGR	57
PAKA	93
PGPS	43
SRDG	2
TJGS	154
TNB Total	349
KLPP	107
MPSS	54
PGLA	92
PKLG	17
PLPS	118
SGB3	71
SGRI	34
SKSP	54
YPGS	35
YPKA	137
IPP Total	717
Total Gas	1,066

Total Gas Required : 1,066
Gas Calorific Value : 38,500
Generation Mix

Type	MWh	Percentage
ST-Coal	48,942.00	16.89 %
Gas	45,971.00	15.87 %
Hydro	9,567.00	3.30 %
Total TNB	104,480.0	36.06 %
ST-Coal	90,528.0	31.24 %
ST-Gas	1,635.0	0.56 %
Gas	91,470.0	31.57 %
Total IPP	183,633.0	63.38 %
Co-Gen	2,291.0	0.79 %
Total Co-Gen	2,291.0	0.79 %
Total Generation	290,404.0	100.23 %
PLTG	-65.0	-0.02 %
HVDC	724.0	0.25 %
Interconnection	659.0	0.23 %
Net Energy	289,745.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	198
Hydro	123
Syncon	490
Thermal	4
Total	815

Daily MW Generation On Saturday

12-Jan-2013

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																										
System Total		12388	11972	11702	11442	11385	11192	10935	10898	10698	10647	10519	10660	10638	10545	10592	10442	10500	11152	11529	12044	12353	12837	12931	13206	13003	12832	12743	12713	12996	13012	12916	12884	12903	12833	12650	12330	12198	12156	12390	13359	13528	13456	13273	13172	12851	12887	12686	12542		
SRev ST-Coal	2	1	3	6	-3	65	62	69	117	143	210	214	209	297	306	317	157	9	-17	3	-6	-2	-8	-11	7	-3	9	-7	-17	17	26	28	25	7	23	10	7	15	9	13	0	0	-3	5	5	15	1	2			
SRev ST-Gas	6	3	3	3	2	35	52	30	26	37	36	23	17	11	28	28	28	28	28	28	28	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	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	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	0
SRev CCGT-Gas	453	388	634	851	966	1048	1341	1354	1525	1535	1537	1504	1539	1549	1516	1533	1553	1145	1003	470	340	193	288	166	184	204	154	179	170	181	184	179	166	175	253	386	515	545	434	197	128	125	154	150	233	103	136	120			
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	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	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	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	0
Syncon	625	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726	726		
Hydro	148	86	86	113	104	106	113	117	134	124	128	111	124	248	108	114	137	102	125	249	119	87	91	58	114	199	118	246	73	69	192	196	149	255	165	96	98	112	65	197	251	260	239	159	81	125	130	144			
S.Reserve Total		1234	1204	1452	1699	1795	1910	2294	2296	2528	2565	2637	2578	2615	2680	2684	2718	2601	2010	1865	1325	1179	903	996	838	930	1025	1007	993	851	892	1027	1028	965	911	1066	1223	1351	1403	1239	881	888	892	899	939	944	823	993	992		