

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	0	MW
ST-Oil	140	MW
Gas	4,286	MW
Hydro	1,833	MW
Distillate	0	MW
Total TNB	8,329	MW
Total IPP	10,382	MW
Total Co-Gen	85	MW
System Total	18,796	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00	
TNB Generation	6,065 MW
IPP Generation	8,750 MW
Total Set On Bus	15,779 MW
Maximum Demand	14,928 MW
Spinning Reserve	879 MW
Net Energy	310,370 MWH
Load Factor	86.6 %

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	12695	11808	11260	11136	10759	10578	10862	11022	11456	12823	13902	14461	14326	13954	14294	14793	14928	14563	13438	13363	14065	13867	13275	12832

Gas Usage

Station	(mmscfd)
CBPS	49
GLGR	57
PAKA	90
PGPS	42
SRDG	7
TJGS	204
TNB Total	448
KLPP	102
MPSS	56
PGLA	93
PLPS	97
SGB3	85
SGRI	54
SKSP	54
YPGS	34
YPKA	135
IPP Total	710
Total Gas	1,158

Total Gas Required : 1,249
Gas Calorific Value : 38,500

Alternate Fuel Usage

Station	(mmscfd)
PKLG	81
TJGS	10
Total	90

Generation Mix

Type	MWh	Percentage
ST-Coal	49,485.00	15.94 %
Gas	58,565.00	18.87 %
Hydro	8,591.00	2.77 %
Distillate	1,314.00	0.42 %
Total TNB	117,955.0	38.00 %
ST-Coal	91,045.0	29.33 %
ST-Oil	7,861.0	2.53 %
Gas	92,181.0	29.70 %
Total IPP	191,087.0	61.57 %
Co-Gen	2,225.0	0.72 %
Total Co-Gen	2,225.0	0.72 %
Total Generation	311,267.0	100.29 %
PLTG	171.0	0.06 %
HVDC	726.0	0.23 %
Interconnection	897.0	0.29 %
Net Energy	310,370.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	310
Hydro	258
Syncon	423
Thermal	7
Total	999

Weather Temperature

Weather	Temperature
Morning	Sunny 28
Afternoon	Hot 32



Daily MW Generation On Friday

18-Jan-2013

Table with columns for Station Unit and hourly generation values from 0000 to 2300. Rows include various power generation units like YPGS, TIGS, and Total CCGT-Gas.



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	
Total Distilare		169	192	188	188	195	198	198	198	164	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CURF	53	31	50	53	50	53	51	54	53	53	53	54	52	49	50	52	51	51	52	51	52	51	50	52	51
PCUF	CURK	33	33	33	35	34	33	34	34	34	33	33	33	33	33	33	33	33	34	33	34	33	34	35	33	34
Total Co-Gen		86	84	83	87	87	85	84	88	86	87	88	86	85	84	85	84	85	87	85	84	81	86	87	88	84
Total Gen		1265	1208	1183	1166	1162	1162	1162	1162	1104	1107	1105	1180	1236	1287	1335	1394	1424	1486	1441	1498	1432	1480	1461	1485	1467
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	0
TIE-HVDC		31	31	30	31	30	30	31	30	29	29	30	30	31	31	30	30	30	30	31	31	30	30	30	30	30
TIE-PLTG		-71	78	-2	21	15	8	179	105	46	25	-127	-13	-216	55	-49	-6	80	-26	-19	14	43	-6	-45	41	
Interconnection		-40	109	28	52	103	46	38	209	135	76	56	-97	16	-187	85	-19	24	110	4	11	44	74	25	-14	
System Total		1265	1198	1168	1164	1125	1136	1095	1079	1079	1085	1086	1191	1102	1107	1146	1229	1282	1339	1390	1460	1446	1465	1432	1463	
SRev ST-Coal		0	-1	9	-9	3	48	42	26	115	115	144	126	-7	6	8	-13	-3	-14	3	4	2	-5	-4	2	-5
SRev ST-Oil		-2	-1	-1	-2	-2	-2	-1	55	55	55	55	55	55	55	25	25	25	-2	-2	1	1	-1	-1	-1	-1
SRev OCGT-Gas		803	928	1034	1178	1463	1541	1622	1644	1691	1680	1779	1732	1742	1620	1626	1636	1718	1317	1281	945	403	235	154	173	321
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 Distilare		11	-12	-8	-8	-15	-18	-18	16	-20	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	
Syncon		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		19	76	18	57	78	36	72	75	70	71	72	19	22	153	64	52	119	90	112	63	90	311	160	280	
S.Reserve Total		1557	1716	1778	1952	2253	2331	2442	2452	2673	2627	2776	2658	2538	2409	2479	2666	2585	2117	2120	1739	1222	1135	934	928	
		1080	1107	1168	1367	1246	1157	923	912	879	975	950	1143	1341	1611	1310	1072	1115	1291	986	1292	1153	1142	1155	1280	
		13910	13867	13433	13275	13639	12832	12609	13910	13867	13433	13275	13639	12832	12609	13910	13867	13433	13275	13639	12832	12609	13910	13867	13433	