

Availability At Daily Maximum Demand Hour

ST-Coal	2,070	MW
ST-Gas	70	MW
ST-Oil	0	MW
Gas	3,845	MW
Hydro	1,580	MW
Distillate	0	MW
Total TNB	7,565	MW
Total IPP	11,060	MW
Total Co-Gen	50	MW
System Total	18,675	MW

Set On Bus, TNB, IPP And MD

At Daily Maximum Demand Hour : 16:00		
TNB Generation	5,462	MW
IPP Generation	10,240	MW
Total Set On Bus	16,772	MW
Maximum Demand	15,747	MW
Spinning Reserve	1,020	MW
Net Energy	326,884	MWH
Load Factor	86.5	%

Maximum Demand Record

Date :	13/05/2013	16,562.0 MW
Date :	25/06/2013	345,254.0 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	12796	12359	11807	11489	11284	11179	11348	11288	11744	13568	14527	15313	15179	14828	15444	15632	15747	15409	14366	13983	14896	14713	14252	13823

Gas Usage

Station	(mmscfd)
CBPS	6
GLGR	55
PAKA	172
PGPS	52
SRDG	63
TJGS	101
TNB Total	450
KLPP	111
MPSS	53
PDPS	34
PGLA	90
PKLG	71
PLPS	106
PTEK	25
SGB3	36
SGRI	208
YPGS	68
YPKA	132
IPP Total	933
Total Gas	1,383
Total Gas Required :	1,383
Gas Calorific Value :	38,500

Generation Mix

Type	MWh	Percentage
ST-Coal	49,667.00	15.19 %
Gas	54,250.00	16.60 %
Hydro	9,141.00	2.80 %
Total TNB	113,058.0	34.59 %
ST-Coal	96,379.0	29.48 %
ST-Gas	4,610.0	1.41 %
Gas	112,192.0	34.32 %
Total IPP	213,181.0	65.22 %
Co-Gen	1,495.0	0.46 %
Total Co-Gen	1,495.0	0.46 %
Total Generation	327,734.0	100.26 %
PLTG	189.0	0.06 %
HVDC	661.0	0.20 %
Interconnection	850.0	0.26 %
Net Energy	326,884.0	100.00 %

Average SR During Peak Hour

Type	MW
GT	252
Hydro	132
Syncon	346
Thermal	183
Total	914

Weather Temperature

	Weather	Temperature
Morning	Sunny	28
Afternoon	Hot	37

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
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	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
TMGR	HY04	30	32	39	23	35	32	32	32	31	29	24	28	33	42	26	31	39	58	39	80	74	79	40	80
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		165	170	244	216	289	287	314	233	202	190	158	166	212	265	151	161	215	207	280	459	452	665	539	642
PCUF	CUFG	51	21	21	19	21	21	20	21	20	21	19	20	22	20	21	13	13	13	12	12	11	13	13	12
PCUF	CUFK	41	39	40	39	39	40	40	39	39	40	40	37	39	39	41	41	40	40	39	39	37	38	38	38
Total Co-Gen		92	60	61	58	60	61	60	60	59	60	61	59	57	59	61	61	62	62	59	60	50	51	51	50
Total Gen		12849	12571	12345	12028	11818	11506	11456	11324	11273	11259	11219	11225	11367	11460	11434	11303	11774	12854	13586	14260	14566	14838	15253	15359
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	29	29	30	30	29	29	31	31	31	30	30	30	30	30	30
TIE-PLTG		23	70	-45	72	-19	-27	-63	-57	-41	-47	10	54	-10	-74	116	74	1	48	-13	25	8	-21	-90	-105
Interconnection		53	100	-14	103	11	3	-33	-27	-11	-17	40	84	19	-45	146	104	30	77	18	56	39	10	-60	-75
System Total		12796	12471	12359	11925	11807	11503	11489	11351	11284	11276	11179	11141	11348	11505	11288	11199	11744	12777	13568	14264	14527	14828	15313	15434
SRev ST-Coal		201	278	272	245	295	270	263	261	265	255	252	260	251	265	269	266	260	204	203	208	207	206	207	218
SRev ST-Gas		6	57	34	34	34	34	34	34	34	34	34	34	34	34	34	33	7	6	8	8	8	8	8	8
SRev CCGT-Gas		1357	1374	1455	1657	1717	1794	1792	1836	1860	1874	1885	1883	1793	1737	1648	1790	1696	921	263	267	244	240	229	238
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	270	5	42	144	21	21	26
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		575	575	575	575	575	575	424	575	575	575	575	575	575	474	474	323	323	388	388	388	388	388	388	388
Hydro		128	123	50	138	65	67	40	212	92	104	136	128	82	180	139	129	78	86	13	35	42	80	206	38
S.Reserve Total		2267	2387	2386	2649	2686	2740	2704	2767	2826	2842	2882	2880	2735	2640	2665	2794	2643	1820	1088	1287	979	897	1117	996