

(1) STATION WISE MAX MW, ENERGY GENERATION AND AUXILIARY CONSUMPTION:-

NO	STATION	MAX MW	GEN. MWH	AUX. MWH
1	UKAI(HYDRO)+LBC	229	58272	424.625
2	KADANA(HYDRO)+PANAM	60	4860	128.99
3	DHUVRAN	292	161144	17012
4	DHUVRAN(GSEC)	101	41153	2007.1765
5	UKAI(TH)	685	416101	37343
6	GANDHINAGAR	745	484028	43853.78
7	WANAKBORI	1450	976439	75755.86
8	SIKKA	226	139154	15383
9	PANANDHRO	218	113874	14732
10	UTRAN	140	87225	4671
11	AECO	517.2	343035.4	24455.868
12	GIPCL-I	154	82593	1560.5
13	GIPCL-II	168	92342	1800
14	SURAT LIGNITE	255	162248	18051.425
15	AKRIMOTA LIGNITE	122	91746	15699
16	GPEC	637.8	422150	6830
17	ESSAR POWER	515	325450.232	9828.627
18	GSEG	150.5	79021	1557
19	CPP	100	31331	
20	KAWAS		412723	
21	KAKARAPAR		195847	
22	JHANOR		305806	
23	FROM AMBHETI		135552	
24	FROM TARAPUR		60603.36	
25	FROM NASHIK		-51613.338	
26	FROM INDORE		342791	
27	FROM SSP		264232	
TOTAL			5778107.654	291093.6515

(2) MAXIMUM CATERED, RESTRICTED & UNRESTRICTED DEMAND:-

	MAXIMUM CATERED	MINIMUM CATERED	MAXIMUM RESTRICTED	MAXIMUM UNRESTRICTED
MAXIMUM MW	8814	7106	11123	11163
TIME	15	19.3	19.3	19.3
DATE	25/4/2007	29/4/2007	13/4/2007	13/4/2007
FREQ (Hz)	49.21	49.46	48.96	48.96
CATERED MW	8814	7106	8200	8200
GUJ GEN MW	5959	5410	5804	5804
FLOW MW	2855	1696	2396	2396
LOAD SHEDDING	1880	2299	2625	2625
FREQ CORRECTION	244	134	298	298
DEMAND CUT	0	0	0	0
HOLIDAY STAGGERING	110	110	0	0
RECESS STAGGERING	0	40	0	40

(4) ENERGY EXCHANGE

(1) NET EXPORT TO GUJARAT FROM TARAPUR BUS	60603.36
(2) NET EXPORT TO GUJARAT FROM AMBHETI(PG) BUS	135552
(3) A.. EXPORT FROM MAHARASHTRA TO GUJARAT AT NASIK BUS	186.662
B.. EXPORT FROM GUJARAT TO MAHARASHTRA AT NAVSARI BUS	51800
C... NET EXPORT FROM MAHARASHTRA TO GUJARAT	-51613.338
(4) A.. EXPORT FROM M.P. TO GUJARAT AT INDORE BUS	342795
B.. EXPORT FROM GUJARAT TO M.P. AT ASOJ BUS	4
C... NET EXPORT FROM M.P. TO GUJARAT	342791
(5) NET EXPORT FROM KAWAS TO GUJARAT	412723
(6) NET EXPORT FROM KAKARAPAR TO GUJARAT	195847
(7) NET EXPORT FROM JHANOR TO GUJARAT	305806
(8) NET EXPORT FROM SSP TO ASOJ	79443
(9) NET EXPORT FROM SSP TO KASOR	184789

(5) STATUS OF INTER-STATE LINES

LINES	PLAN OUTAGE	FORCE OUTAGE	OTHER REASON	TTL HRS OUTAGE	TTL HRS SERVICE
1 400 KV ASOJ-INDORE-1	0	0	0	0	720
2 400 KV ASOJ-INDORE-2	0	1.17	0	3	4.17
3 400 KV ASOJ-SSP	0	0	0	0	720
4 400 KV KASOR-SSP	0	0	0	0	720
5 220 KV NAVSARI-NASIK-1	11.17	9.02	0	3.07	23.26
6 220 KV NAVSARI-NASIK-2	11.15	0	0	0	11.15
7 220 KV TARAPUR-BHILAD	8.2	9.11	0	0	17.31
8 220 KV TARAPUR-VAPI	0	15.11	0	0	15.11
9 220 KV AMBHETI-BHILAD	1.05	0	0	0	1.05
10 220 KV AMBHETI(PG)-VAPI	10.2	0.4	0	0	11
11 NO OF HRS GUJARAT- MAHARASHTRA IN PARALLEL					718.55
12 NO OF HRS GUJARAT- MADHYA PRADESH IN PARALLEL					720

(6) FREQUENCY PARTICULARS

A. AVERAGE FREQUENCY	49.33 HZ
B. ABOVE 50.20 Hz	0.83%
C. BETWEEN 50.20 & 49.80 Hz	7.14%
D. BETWEEN 49.80 & 49.50 Hz	16.29%
E. BETWEEN 49.50 & 49.00 Hz	62.18%
F. BETWEEN 49.00 & 48.50 Hz	13.56%
G. BETWEEN 48.50 & 48.00 Hz	0%
H. BELOW 48.00 Hz	0%
K. AVERAGE MAX FREQUENCY	50.27 ON
L. AVERAGE MIN FREQUENCY	49.05 ON
M. INSTANT MAX FREQUENCY	50.57 ON
N. INSTANT MIN FREQUENCY	48.6 ON

(3) THE UNIT WISE GENERATION & AUXILIARY CONSUMPTION:-

UNIT	GEN.	AUX.	MAX
DTPS 1	0	432	0
DTPS 2	0	0	0
DTPS 3	0	262	0
DTPS 4	21892	2649	41
DTPS 5	72843	6860	110
DTPS 6	66419	6789	110
DTPS-GT-1	41153	1898.3765	101
DTPS-GT-2*	0	108.8	0
DTPS-ST	0	0	0
GTPS 1	59027	6854.1	95
GTPS 2	63412	6388.7	95
GTPS 3	113520	3856.9	187
GTPS 4	102550	12892.08	186
GTPS 5	145519	13862	211
WTPS 1	129171	75755.66	205
WTPS 2	146571		210
WTPS 3	142348		203
WTPS 4	145960		210
WTPS 5	136715		205
WTPS 6	123820		205
WTPS 7	151854		212
UTPS 1	0	136	0
UTPS 2	51680	5613	83
UTPS 3	113265	9799	198
UTPS 4	106533	9442	200
UTPS 5	144623	12353	210
STPS 1	64207	7244	107
STPS 2	74947	8139	120
KLTPS 1	46053	14732	73
KLTPS 2	33056		73
KLTPS 3	34765		76
KHPS 1	810	40.03	60
KHPS 2	540	40.93	60
KHPS 3	0	0	0
KHPS 4	3510	39.93	60
PANAM	0	8.1	0
ALPP 1	36718	15699	122
ALPP 2	55028		119.84

(3A) ENERGY LOSSES DUE TO LOAD SHEDDING

A.. NET EXPORT TO DIU	
B.. NET EXPORT TO DAMAN	
C.. NET EXPORT TO DNH	
D.. FROM ESSAR TO GEB	
E.. Ukai Dam Level on first day	314.95
F.. Kadana Dam Level on first day	407.08
*The station DGB-2 is still not declared for commercial operation, the energy considered for matching total energy only.	

ACTUAL GENERATION AND PEAK MW FOR APRIL-07 FOR GUJARAT

A	HYDRO :-	ENERGY (MWH)	PEAK(MW)
1	UKAI	55688	225
2	UKAE LBCH	2584	4
3	KADANA	4860	60
4	PANAM	0	0
TOTAL HYDRO		63132	225
B	THERMAL :-		
1	AECO C	42081.6	63.2
	AECO D	87453	123.3
	AECO E	80828.2	113.2
	AECO F	81463.2	113.2
AECO GAS		51209.4	70.4
	DHUVRAN (Steam)	161144	292
	DHUVRAN (gas)	41153	101
	UKAI 1	0	0
	UKAI 2	51680	83
	UKAI 3	113265	198
	UKAI 4	106533	200
	UKAI 5	144623	210
	GANDHINAGAR 1	59027	95
	GANDHINAGAR 2	63412	95
	GANDHINAGAR 3	113520	187
	GANDHINAGAR 4	102550	186
	GANDHINAGAR 5	145519	211
	WANAKBORI 1	129171	205
	WANAKBORI 2	146571	210
	WANAKBORI 3	142348	203
	WANAKBORI 4	145960	210
	WANAKBORI 5	136715	205
	WANAKBORI 6	123820	205
	WANAKBORI 7	151854	212
	SIKKA	139154	226
	KUTCH LIGNITE	113874	218
	UTRAN	87225	140
	GIPCL-1	82593	154
	GIPCL-2	92342	168
	SURAT LIGNITE	162248	255
	AKRIMOTA LIGNITE	91746	122
	ESSAR POWER	325450.232	515
	GPEC	422150	637.8
	GSEG	79021	150.5
	CPP	31331	100
C	TOTAL (TH)	4049034.632	6112
D	TOTAL (TH+ HY)	4112166.632	6215
E	NET EXCHANGE	1865941.022	2655
	RESTRICTED ENERGY REQ.	6783417.278	
	UNRESTRICTED ENERGY REQ.	6783417.278	
	AUXILIARY CONSP. (HY+TH)	291093.6515	
	IMPORT/EXPORT- INTRASTATE/INTERSTATE REGION		
	AND OPERATING HOURS OF THE LINES.....		
	CATERED DEMAND.....		
	UNRESTRICTED DEMAND.....		

UNIT	GEN.	AUX.	MAX
UHPS 1	11927	388.3	75
UHPS 2	16063		75
UHPS 3	13310		75
UHPS 4	14388		75
ULBC 1	1294	36.325	2
ULBC 2	1290		2
UGPP GT1	19820	4671	30
UGPP GT2	20677		31
UGPP GT3	15521		31
UGPP ST	31207		50
GIPCL GT1	20693	1560.5	35
GIPCL GT2	21346		35
GIPCL GT3	12596		34
GIPCL ST1	27958		52
GIPCL GT4	64898	1800	108
GIPCL ST2	27446		53
AECC C	42081.6	3532	63.2
AECC D	87453	6342.2	123.3
AECC E	80828.2	7120.2	113.2
AECC F	81463.2	6124.4	113.2
AECC GT1	17474.2		38.4
AECC GT2	15000.4		32
AECC STG	18734.8	1337.068	34.4
ESSAR GT1	66383.52	9828.627	110
ESSAR GT2	70326.14		110
ESSAR GT3	73324.93		110
ESSAR SGT	115415.6		185
GPEC GT1	88700	3000	137.37
GPEC GT2	88950	670	138.46
GPEC GT3	89060	3160	139.06
GPEC STG	155440		228.48
SLPP 1	72001	6672.325	127
SLPP 2	90247	11379.1	129
GSEG 1	20216	704	50.7
GSEG 2	30666	853	48.1
GSEG ST	27939		51.6
CPP	31331		100

	869813	MWH
	3074.562	MWH
	117417.18	MWH
	257859.22	MWH
	194946	MWH
on last year		310.98
on last year		403