

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

<b>NO</b>	<b>STATION</b>	<b>MAX MW</b>	<b>GEN.MWH</b>	<b>AUX. MWH</b>
1	UKAI(HYDRO)+LBC	305	191331	176
2	KADANA(HYDRO)+PANAM	126	48072	39
3	DHUVARAN	239	102641	11436
4	DHUVARAN(GSEC)	167	86905	3172
5	UKAI(TH)	672	447075	35573
6	GANDHINAGAR	719	370165	42479
7	WANAKBORI	1471	892706	69094
8	SIKKA	229	157529	15933
9	PANANDHRO	203	116635	13157
10	UTRAN	140	94083	4257
11	AECO	489	312190	22653
12	GIPCL-I	153	98755	1708
13	GIPCL-II	158	105360	2197
14	SURAT LIGNITE	254	147806	16686
15	AKRIMOTA LIGNITE	125	-2886	0
16	GPEC	640	446720	7000
17	ESSAR POWER	515	321081	9665
18	GSEG	150	103085	2412
19	CPP	107	33218	
20	KAWAS		387009	
21	KAKARAPAR		173697	
22	JHANOR		216309	
23	FROM AMBHETI		81372	
24	FROM TARAPUR		15912	
25	FROM NASHIK		-61733	
26	FROM INDORE		313076	
27	FROM SSP		496322	
<b>TOTAL</b>			<b>5694435</b>	<b>257635</b>

**( 2 ) MAXIMUM CATERED. RESTRICTED & UNRESTRICTED DEMAND:-**

	<b>MAXIMUM CATERED</b>	<b>MINIMUM CATERED</b>	<b>MAXIMUM RESTRICTED</b>	<b>MAXIMUM UNRESTRICTED</b>
MAXIMUM MW	8412	6189	11050	11090
TIME	12.00	19.00	19.30	19.30
DATE	16/10/2006	2/10/2006	16/10/2006	16/10/2006
FREQ (Hz)	49.08	49.62	49.17	49.17
CATERED MW	8412	6189	7936	7936
GUJ GEN MW	5941	4223	5888	5888
FLOW MW	2471	1966	2048	2048
LOAD SHEDDING	1913	804	2883	2883
FREQ CORRECTION	271	82	231	231
DEMAND CUT	0	0	0	0
HOLIDAY STAGGERING	0	0	0	0
RECESS STAGGERING	0	40	0	40

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

UNIT	GEN.	AUX.	MAX	UNIT	GEN.	AUX.	MAX
DTPS 1	0	438	0	UHPS 1	45031	26	75
DTPS 2	0	125	0	UHPS 2	41559	31	75
DTPS 3	1081	494	23	UHPS 3	48297	51	75
DTPS 4	14581	1856	32	UHPS 4	52535	62	75
DTPS 5	59026	5465	105	ULBC 1	1951	2	2.56
DTPS 6	27953	3058	107	ULBC 2	1958	5	2.56
DTPS-GT -1	64756	2819	71				
DTPS-GT-2*	22149	353	60				
DTPS-ST				UGPP GT1	20226	4257	30
				UGPP GT2	18756		3
GTPS 1	50044	5764	88	UGPP GT3	20975		31
GTPS 2	61722	6606	89	UGPP ST	34126		50
GTPS 3	14630	3274	160				
GTPS 4	104780	13511	190	GIPCL GT1	21053		35
GTPS 5	138989	13324	213	GIPCL GT2	22394	1708	35
				GIPCL GT3	21262		33
WTPS 1	154560		211	GIPCL ST1	34046		51
WTPS 2	147235		210	GIPCL GT4	69224		107
WTPS 3	155155		210	GIPCL ST2	36136	2197	52
WTPS 4	152345		210				
WTPS 5	151775		210	AECO C	43118	3551	62
WTPS 6	123745		215	AECO D	80731	6127	125
WTPS 7	7891	69094	210	AECO E	81597	7149	115
				AECO F	56225	4497	114
UTPS 1	0	435	0	AECO GT1	17940	1329	31
UTPS 2	51625	5002	83	AECO GT2	13999		24
UTPS 3	125090	9613	194	AECO STG	18580		30
UTPS 4	118175	9113	193				
UTPS 5	152185	11410	208	ESSAR GT1	68360		110
				ESSAR GT2	68808		110
STPS 1	76209	7726	109	ESSAR GT3	66960		110
STPS 2	81320	8207	120	ESSAR SGT	116954	9665	185
KLTPS 1	43793		71	GPEC GT1	94870	3350	143
KLTPS 2	29649	13157	72	GPEC GT2	94230	640	137
KLTPS 3	43193		76	GPEC GT3	94130	3010	146
				GPEC STG	163490	0	237
KHPS 1	17483	11	60				
KHPS 2	12035	26	60	SLPP 1	82331	7530	127
KHPS 3	0	0	0	SLPP 2	65475	9156	128
KHPS 4	17998	2	60				
PANAM	556	0.6	2.56	GSEG 1	32765	1567	49
				GSEG 2	33471	845	49
**ALPP 1	-1436		125	GSEG ST	36849		52
ALPP 2	-1450		125				
				CPP	33218		107

(3A) ENERGY LOSSES DUE TO LOAD SHEDDING

726291 MWH

A . . NET EXPORT TO DIU

**3208.5** MWH

B . . NET EXPORT TO DAMAN

**106420** MWH

C . . NET EXPORT TO DNH

**221323** MWH

D . . FROM ESSAR TO GEB

196521 MWH

E . . Ukai Dam Level on first day

339.52 on last

year

338.57

F . . Kadana Dam Level on first day

418.11 on last

year

412.09

\*The station DGB-2 is still not declared for commercial operation, the energy considered for matching total energy only.

\*\*ALPP Generation data taken from Nakhatrana line flow as no details received.

**(4) ENERGY EXCHANGE**

(1)	NET EXPORT TO GUJARAT	FROM TARAPUR BUS	15912
(2)	NET EXPORT TO GUJARAT	FROM AMBHETI(PG) BUS	81372
(3)	A . EXPORT FROM MAHARASTRA TO GUJARAT AT NASIK BUS		1387
	B . EXPORT FROM GUJARAT TO MAHARASTRA AT NAVSARI BUS		63120
	C . NET EXPORT FROM MAHARASTRA TO GUJARAT		-61733
(4)	A . . EXPORT FROM M.P. TO GUJARAT AT INDORE BUS		313076
	B . EXPORT FROM GUJARAT TO M.P. AT ASOJ BUS		0
	C . .NET EXPORT FROM M.P. TO GUJARAT		313076
(5)	NET EXPORT FROM KAWAS TO GUJARAT		387009
(6)	NET EXPORT FROM KAKARAPAR TO GUJARAT		173697
(7)	NET EXPORT FROM JHANOR TO GUJARAT		216309
(8)	NET EXPORT FROM SSP TO ASOJ		231830
(9)	NET EXPORT FROM SSP TO KASOR		264492

**(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	0.00	0.00	0.00	0.00	744.00
2 400 KV ASOJ-INDORE -2	0.00	2.37	0.00	2.37	741.23
3 400 KV ASOJ-SSP	0.00	0.00	0.00	0.00	744.00
4 400 KV KASOR-SSP	0.00	0.00	0.00	0.00	744.00
5 220 KV NAVSARI-NASIK -1	9.58	10.00	0.00	19.58	724.02
6 220 KV NAVSARI-NASIK -2	9.27	0.00	0.00	9.27	734.33
7 220 KV TARAPUR-BHILAD	26.04	0.00	0.00	26.04	717.56
8 220 KV TARAPUR-VAPI	18.53	0.00	0.00	0.00	725.07
9 220 KV AMBHETI-BHILAD	7.10	0.13	23.06	30.29	713.31
10 220 KV AMBHETI(PG)-VAPI	9.15	2.30	0.00	11.45	732.15
11 NO OF HRS GUJARAT-MAHARASTRA IN PARALLEL					734.33
12 NO OF HRS GUJARAT-MADHYA PRADESH IN PARALLEL					744.00

**(6) FREQUENCY PARTICULARS**

A . AVERAGE FREQUENCY			49.45	HZ		
B . ABOVE 50.20 Hz			1.83	%		
C . BETWEEN 50.20 & 49.80 Hz			15.77	%		
D . BETWEEN 49.80 & 49.50 Hz			23.08	%		
E . BETWEEN 49.50 & 49.00 Hz			50.3	%		
F . BETWEEN 49.00 & 48.50 Hz			9.02	%		
G . BETWEEN 48.50 & 48.00 Hz			0.00	%		
H . BELOW 48.00 Hz			0.00	%		
K . AVERAGE MAX FREQUENCY	50.44	ON	2/10/2006	AT	17.00	HRS
L . AVERAGE MIN FREQUENCY	48.90	ON	18/10/2006	AT	22.00	HRS
M . INSTANT MAX FREQUENCY	50.83	ON	2/10/2006	AT	17.08	HRS
N . INSTANT MIN FREQUENCY	48.62	ON	17/10/2006	AT	18.29	HRS

**ACTUAL GENERATION AND PEAK MW FOR OCTOBER-06 FOR GUJARAT :-**

A	HYDRO :-	ENERGY (MWH)	PEAK (MW)
1	UKAI	187422	300
2	UKAE LBCH	3909	5.12
3	KADANA	47516	126
4	PANAM	556	2.56
	TOTAL HYDRO	239403	300
B	THERMAL :-		
1	AECO C	43118	62
	AECO D	80731	125
	AECO E	81597	115
	AECO F	56225	114
	AECO GAS	50519	86
	DHUVARAN (Steam)	102641	239
	DHUVARAN (gas)	86905	167
	UKAI 1	0	0
	UKAI 2	51625	83
	UKAI 3	125090	194
	UKAI 4	118175	193
	UKAI 5	152185	208
	GANDHINAGAR 1	50044	88
	GANDHINAGAR 2	61722	89
	GANDHINAGAR 3	14630	160
	GANDHINAGAR 4	104780	190
	GANDHINAGAR 5	138989	213
	WANAKBORI 1	154560	211
	WANAKBORI 2	147235	210
	WANAKBORI 3	155155	210
	WANAKBORI 4	152345	210
	WANAKBORI 5	151775	210
	WANAKBORI 6	123745	215
	WANAKBORI 7	7891	210
	SIKKA	157529	229
	KUTCH LIGNITE	116635	203
	UTRAN	94083	140
	GIPCL-1	98755	153
	GIPCL-2	105360	158
	SURAT LIGNITE	147806	254
	AKRIMOTA LIGNITE	-2886.18	125
	ESSAR POWER	321081	515
	GPEC	446720	640
	GSEG	103085	150
	CPP	33218	107
C	TOTAL (TH)	3833068	5682
D	TOTAL (TH+ HY)	4072471	6038
E	NET EXCHANGE	1621964	2365
	RESTRICTED ENERGY REQ.	6530343	
	UNRESTRICTED ENERGY REQ.	6530343	
	AUXILIARY CONSP. (HY+TH)	257635	
	IMPORT/EXPORT- INTRASTATE/INTERSTATE REGION		
	AND OPERATING HOURS OF IE LINES.....		PAGE 3
	CATERED DEMAND.....		PAGE 1
	UNRESTRICTED DEMAND.....		PAGE 1

**400KV BUS VOLTAGE**

<b>ASOJ</b>		<b>INDORE</b>		<b>JETPUR</b>		<b>UKAI</b>	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
420	389	424	380	415	*333	417	392

<b>WANAKBORI</b>		<b>SOJA</b>		<b>CHORANIA</b>		<b>KANSARI</b>	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
420	393	415	382	422	361	420	365

**220KV BUS VOLTAGE**

<b>Anjar</b>		<b>Mahesana</b>		<b>Chhatral</b>		<b>Dhansura</b>		<b>Ranasan</b>		<b>Viramgam</b>	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
236	211	231	208	227	207	223	205	230	207	234	195

<b>Limbd</b>		<b>Dhangadhra</b>		<b>Gondal</b>		<b>Ranavav</b>		<b>Vartej</b>		<b>Timbd</b>	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
235	204	229	195	234	188	228	184	223	185	223	185

GUJARAT ENERGY TRANSMISSION CORPORATION LTD , STATE LOAD DESPATCH CENTRE , GOTRI  
ACCOUNTING OF LOSS OF GENERATION IN GUJARAT FOR OCT-2006

Station	Installed capacity (MW)	Maximum possible monthly gen. at 100% PLF	Actual generation during month	Loss of generation due to								Total (generation & losses)	Remarks	
				Fuel supply / water shortage	Low demand / high freq.	Transmission const.	Commercial reasons	Grid disturbance	Auxiliary problems	RSD	Other reasons			
<b>THERMAL POWER STATIONS:-</b>														
DHUVARAN	534	397.296	102.641	0.000	3.057	0.000	0.000	0.000	0.000	83.274	0.000	208.324	397.296	
UKAI	850	632.400	447.075	0.000	0.245	0.000	0.000	0.000	0.000	0.275	0.000	184.805	632.400	
GANDHINAGAR	870	647.280	370.165	0.000	0.926	0.000	0.000	0.000	0.000	91.631	0.000	184.558	647.280	
WANAKNBORI	1470	1093.680	892.706	0.000	4.445	0.000	0.000	-0.008	0.155	0.000	0.000	196.382	1093.680	
SIKKA	240	178.560	157.529	0.000	1.490	0.000	0.000	0.000	12.566	0.000	0.000	6.975	178.560	
PANANDHRO	215	159.960	116.635	0.000	0.000	0.000	0.000	0.000	8.850	0.000	0.000	34.475	159.960	
A.E.CO.	400	297.600	261.6728	0.000	0.0755	0.000	0.000	0.000	7.497	0.000	0.000	34.3701	303.615	6.0151 Mu's more
SURAT LIGNITE	250	186.000	147.806	0.000	0.000	0.000	0.000	0.000	5.652	0.000	0.000	32.542	186.000	
<b>TOTAL</b>													3598.791	
<b>GAS STATION:-</b>														
A.E.CO.	100	74.400	50.5199	23.8435	0.000	0.000	0.000	0.000	0.0000	0.0000	0.0366	74.40000		
UTRAN	135	100.440	94.0830	0.0000	3.653	0.000	0.000	0.000	0.085	1.4310	5.104	104.356		3.916 Mu's more
DHUVARAN	106.617	79.323	64.7560	0.0000	1.811	0.000	3.798	0.000	8.958	0.0000	0.0000	79.323		
<b>TOTAL</b>													258.079	