

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

NO	STATION	MAX MW	GEN.MWH	AUX. MWH
1	UKAI(HYDRO)+LBC	80	37975	35
2	KADANA(HYDRO)+PANAM	58	20041	111
3	DHUVARAN	289	153408	14752
4	DHUVARAN(GSEC)	171	13788	895
5	UKAI(TH)	672	386466	34123
6	GANDHINAGAR	770	513136	54888
7	WANAKBORI	1473	958576	71089
8	SIKKA	232	159803	15830
9	PANANDHRO	206	108403	12822
10	UTRAN	144	97867	4676
11	AECO	504	268261	19141
12	GIPCL-I	157	100927	1627
13	GIPCL-II	161	109948	2133
14	SURAT LIGNITE	255	157029	17528
15	AKRIMOTA LIGNITE	120	31294	8435
16	GPEC	640	310740	6120
17	ESSAR POWER	515	326804	9739
18	GSEG	156	98573	2280
19	CPP	107	35616	
20	KAWAS		415517	
21	KAKARAPAR		100272	
22	JHANOR		313418	
23	FROM AMBHETI		125304	
24	FROM TARAPUR		48168	
25	FROM NASHIK		-48130	
26	FROM INDORE		291264	
27	FROM SSP		417724	
TOTAL			5552192	276224

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

	MAXIMUM CATERED	MINIMUM CATERED	MAXIMUM RESTRICTED	MAXIMUM UNRESTRICTED
MAXIMUM MW	8483	6957	11995	12035
TIME	15.00	21.00	18.30	18.30
DATE	11/11/2006	5/11/2006	28/11/2006	28/11/2006
FREQ (Hz)	49.21	49.54	49.1	49.1
CATERED MW	8483	6957	7512	7512
GUJ GEN MW	5801	5335	5187	5187
FLOW MW	2682	1622	2325	2325
LOAD SHEDDING	2158	3053	4246	4246
FREQ CORRECTION	235	112	237	237
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	579	0	UHPS 1	5678	3	75
DTPS 2	0	2	0	UHPS 2	10720	8	75
DTPS 3	0	184	0	UHPS 3	10002	10	75
DTPS 4	23441	2351	43	UHPS 4	7793	8	75
DTPS 5	66330	5705	108	ULBC 1	1885	2	2.56
DTPS 6	63637	5931	110	ULBC 2	1896	4	2.56
DTPS-GT -1	1959	476	69				
DTPS-GT-2*	10887	419	69				
DTPS-ST	942	0	33	UGPP GT1	20079	0	31
				UGPP GT2	21728	0	32
GTPS 1	58658	6048	92	UGPP GT3	21300	0	32
GTPS 2	63100	6248	92	UGPP ST	34760	4675.5	51
GTPS 3	115250	14576	208				
GTPS 4	124770	14477	190	GIPCL GT1	22082	0	35
GTPS 5	151358	13540	212	GIPCL GT2	22635	0	36
				GIPCL GT3	21528	0	34
WTPS 1	150946	0	211	GIPCL ST1	34682	1627	53
WTPS 2	123565	0	210	GIPCL GT4	73318	0	108
WTPS 3	115150	0	210	GIPCL ST2	36630	2133	53
WTPS 4	148700	0	210				
WTPS 5	143285	0	210	AECO C	20285	1921	63.2
WTPS 6	133845	0	211	AECO D	81986	6120	124
WTPS 7	143085	71089	213	AECO E	78794	6580	114
				AECO F	39486	3235	113
UTPS 1	0	474	0	AECO GT1	17054	0	37
UTPS 2	43525	4899	83	AECO GT2	13670	1285	30
UTPS 3	135755	11289	195	AECO STG	16986	0	32
UTPS 4	136945	11305	194				
UTPS 5	70241	6156	208	ESSAR GT1	68907	9739	110
				ESSAR GT2	67428	0	110
STPS 1	75439	7477	112	ESSAR GT3	72033	0	110
STPS 2	84364	8353	120	ESSAR SGT	118436	0	185
KLTPS 1	14442	12822	65	GPEC GT1	9540	250	140
KLTPS 2	46612	0	73	GPEC GT2	93860	2720	142
KLTPS 3	47349	0	76	GPEC GT3	94420	3150	142
				GPEC STG	112920	0	228
KHPS 1	18709	44	55				
KHPS 2	743	34	55	SLPP 1	87821	8070	127
KHPS 3	0	0	0	SLPP 2	69208	9458	129
KHPS 4	0	32	0				
PANAM	589.4	0.8	2.5	GSEG 1	33010	1436	52
				GSEG 2	30946	844	51
ALPP 1	5570	0	100	GSEG ST	34617	0	53
ALPP 2	25724	8435	120				
				CPP	35616	107	

(3A) ENERGY LOSSES DUE TO LOAD SHEDDING

1068783 MWH

A . . NET EXPORT TO DIU

2827.5 MWH

B . . NET EXPORT TO DAMAN

111404 MWH

C . . NET EXPORT TO DNH

232614 MWH

D . . FROM ESSAR TO GEB

198590 MWH

E . . Ukai Dam Level on first day

337.07 on last year

335.2

F . . Kadana Dam Level on first day

417.08 on last year

412.07

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

(4) ENERGY EXCHANGE

(1)	NET EXPORT TO GUJARAT	FROM TARAPUR BUS	48168
(2)	NET EXPORT TO GUJARAT	FROM AMBHETI(PG) BUS	125304
(3)	A.. EXPORT FROM MAHARASTRA TO GUJARAT	AT NASIK BUS	320
	B.. EXPORT FROM GUJARAT TO MAHARASTRA	AT NAVSARI BUS	48450
	C.. NET EXPORT FROM MAHARASTRA TO GUJARAT		-48130
(4)	A.. EXPORT FROM M.P. TO GUJARAT	AT INDORE BUS	291264
	B.. EXPORT FROM GUJARAT TO M.P.	AT ASOJ BUS	0
	C.. NET EXPORT FROM M.P. TO GUJARAT		291264
(5)	NET EXPORT FROM KAWAS	TO GUJARAT	415517
(6)	NET EXPORT FROM KAKARAPAR	TO GUJARAT	100272
(7)	NET EXPORT FROM JHANOR	TO GUJARAT	313418
(8)	NET EXPORT FROM SSP	TO ASOJ	172363
(9)	NET EXPORT FROM SSP	TO KASOR	245361

(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	0.20	0.00	0.00	0.20	719.40
2 400 KV ASOJ-INDORE -2	0.00	0.00	0.00	0.00	720.00
3 400 KV ASOJ-SSP	0.00	0.00	0.00	0.00	720.00
4 400 KV KASOR-SSP	0.00	0.00	0.00	0.00	720.00
5 220 KV NAVSARI-NASIK -1	19.35	4.14	0.00	23.49	696.11
6 220 KV NAVSARI-NASIK -2	20.00	0.00	0.00	20.00	700.00
7 220 KV TARAPUR-BHILAD	9.37	0.00	0.00	9.37	710.23
8 220 KV TARAPUR-VAPI	634.46	0.00	0.00	634.46	85.14
9 220 KV AMBHETI-BHILAD	0.00	0.00	0.00	0.00	720.00
10 220 KV AMBHETI(PG)-VAPI	0.00	0.00	0.00	0.00	720.00
11 NO OF HRS GUJARAT- MAHARASTRA IN PARALLEL					720.00
12 NO OF HRS GUJARAT- MADHYA PRADESH IN PARALLEL					720.00

(6) FREQUENCY PARTICULARS

A . AVERAGE FREQUENCY			49.32	HZ		
B . ABOVE 50.20 Hz			0.09	%		
C . BETWEEN 50.20 & 49.80 Hz			5.09	%		
D . BETWEEN 49.80 & 49.50 Hz			17.67	%		
E . BETWEEN 49.50 & 49.00 Hz			65.97	%		
F . BETWEEN 49.00 & 48.50 Hz			11.18	%		
G . BETWEEN 48.50 & 48.00 Hz			0.00	%		
H . BELOW 48.00 Hz			0.00	%		
K . AVERAGE MAX FREQUENCY	50.11	ON	20/11/06	AT	1.00	HRS
L . AVERAGE MIN FREQUENCY	48.89	ON	16/11/06	AT	18.00	HRS
M . INSTANT MAX FREQUENCY	50.37	ON	5/11/2006	AT	17.05	HRS
N . INSTANT MIN FREQUENCY	48.62	ON	15/11/06	AT	11.23	HRS

ACTUAL GENERATION AND PEAK MW FOR NOVEMBER-06 FOR GUJARAT :-

		ENERGY (MWH)	PEAK (MW)
A	HYDRO :-		
1	UKAI	34193	75
2	UKAE LBCH	3782	5
3	KADANA	19452	55
4	PANAM	589.4	2.5
	TOTAL HYDRO	58016	225
B	THERMAL :-		
1	AECO C	20285	63
	AECO D	81986	124
	AECO E	78794	114
	AECO F	39486	113
	AECO GAS	47710	100
	DHUVARAN (Steam)	153408	289
	DHUVARAN (gas)	13788	171
	UKAI 1	0	0
	UKAI 2	43525	83
	UKAI 3	135755	195
	UKAI 4	136945	194
	UKAI 5	70241	208
	GANDHINAGAR 1	58658	92
	GANDHINAGAR 2	63100	92
	GANDHINAGAR 3	115250	208
	GANDHINAGAR 4	124770	190
	GANDHINAGAR 5	151358	212
	WANAKBORI 1	150946	211
	WANAKBORI 2	123565	210
	WANAKBORI 3	115150	210
	WANAKBORI 4	148700	210
	WANAKBORI 5	143285	210
	WANAKBORI 6	133845	211
	WANAKBORI 7	143085	213
	SIKKA	159803	232
	KUTCH LIGNITE	108403	206
	UTRAN	97867	144
	GIPCL-1	100927	157
	GIPCL-2	109948	161
	SURAT LIGNITE	157029	255
	AKRIMOTA LIGNITE	31294	120
	ESSAR POWER	326804	515
	GPEC	310740	640
	GSEG	98573	156
	CPP	35616	107
C	TOTAL (TH)	3830639	5802
D	TOTAL (TH+ HY)	3888655	5997
E	NET EXCHANGE	1663537	2551
	RESTRICTED ENERGY REQ.	6753117	
	UNRESTRICTED ENERGY REQ.	6753117	
	AUXILIARY CONSP. (HY+TH)	276224	
	IMPORT/EXPORT- INTRASTATE/INTERSTATE REGION		
	AND OPERATING HOURS OF IE LINES.....		PAGE 3
	CATERED DEMAND.....		PAGE 1
	UNRESTRICTED DEMAND.....		PAGE 1

400KV BUS VOLTAGE

ASOJ		INDORE		JETPUR		UKAI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
418	390	424	372	408	336	419	383

WANAKBORI		SOJA		CHORANIA		KANSARI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
417	396	412	388	411	360	410	380

220KV BUS VOLTAGE

Anjar		Mahesana		Chhatral		Dhansura		Ranasan		Viramgam	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
231	216	226	214	224	210	224	210	224	212	226	198

Limbdi		Dhangadhra		Gondal		Ranavav		Vartej		Timbdi	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
233	207	228	202	231	188	225	190	222	185	223	187

GUJARAT ENERGY TRANSMISSION CORPORATION LTD , STATE LOAD DESPATCH CENTRE , GOTRI

ACCOUNTING OF LOSS OF GENERATION IN GUJARAT FOR NOV-2006

Station	Installed	Maximum	Actual	Loss of generation due to								Total	Remarks
	capacity	possible	generation	Fuel supply	Low demand	Trans- mission	Comme rcial	Grid	Auxiliary	RSD	Other	(generation & losses)	
	(MW)	monthly gen. at 100% PLF	during month	/ water shortage	/ high freq.	const.	reasons	bance			reasons		
THERMAL POWER STATIONS:-													
DHUVARAN	534	384.481	153.408	0.000	0.797	0.000	0.000	0.000	91.650	0.000	138.625	384.480	
UKAI	850	612.000	386.466	0.000	0.000	0.000	0.000	0.000	0.640	0.000	224.894	612.000	
GANDHINAGAR	870	626.400	513.136	0.000	0.000	0.000	0.000	0.000	107.148	0.000	6.116	626.400	
WANAKNBORI	1470	1058.400	958.576	0.000	0.000	0.000	0.000	-0.119	1.289	0.000	98.654	1058.400	
SIKKA	240	172.800	159.803	0.000	0.000	0.000	0.000	0.000	12.592	0.000	0.405	172.800	
PANANDHRO	215	154.800	108.403	0.000	0.000	0.000	0.000	0.000	4.425	0.000	41.972	154.800	
A.E.CO.	400	288.000	220.5525	0.000	0.4926	0.000	0.000	0.000	5.447	0.000	65.9415	292.434	4.4342MUs more
SURAT LIGNITE	250	180.000	157.029	0.000	0.000	0.000	0.000	0.000	0.873	0.000	22.098	180.000	
TOTAL												3481.314	
GAS STATION:-													
A.E.CO.	100	72.000	47.712	24.346	0.000	0.000	0.000	0.000	0.000	0.000	0.002	72.061	0.0606MUs more
UTRAN	135	97200.000	97867.000	23.000	1093.000	0.000	0.000	75.000	0.000	2689.000	0.000	101747.000	4.547 MUs. More
DHUVARAN	106.617	76764.240	2901.000	0.000	0.000	0.000	0.000	0.000	73863.240	0.000	0.000	76764.240	
TOTAL												178583.301	