

THE REQUISITE DETAIL FOR THE MONTH OF JULY -2007 IS AS UNDER

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

NO	STATION	MAX MW	GEN.MWH	AUX. MWH
1	UKAI(HYDRO)+LBC	304	134595	843
2	KADANA(HYDRO)+PANAM	118	49269	489
3	DHUVARAN	216	54578	6961
4	DHUVARAN(GSEC)	150	61658	3200
5	UKAI(TH)	666	329299	35737
6	GANDHINAGAR	774	407177	45998
7	WANAKBORI	1018	615129	55271
8	SIKKA	222	108088	12022
9	PANANDHRO	218	120571	15699
10	UTRAN	622	75928	4164
11	AECO	492	350266	25191
12	GIPCL-I	150	97199	1699
13	GIPCL-II	159	87921	1985
14	SURAT LIGNITE	250	104551	13737
15	AKRIMOTA LIGNITE	242	98456	15919
16	GPEC	622	263720	5250
17	ESSAR POWER	515	275790	8219
18	GSEG	148	91623	1970
19	CPP	55	31868	
20	KAWAS		236706	
21	KAKARAPAR		85360	
22	JHANOR		-21678	
23	FROM AMBHETI		151440	
24	FROM TARAPUR		25860	
25	FROM NASHIK		-47124	
26	FROM INDORE		307556	
27	FROM SSP		623986	
28	TOTALWIND ENERGY		122551	
GRAND TOTAL			4842343	254353

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

	MAXIMUM CATERED	MINIMUM CATERED	MAXIMUM RESTRICTED	MAXIMUM UNRESTRICTED
MAXIMUM MW	8434	4148	10049	10089
TIME	15.00	5.00	20.30	20.30
DATE	26/7/2007	3/7/2007	25/7/2007	25/7/2007
FREQ (Hz)	49.33	49.90	49.08	49.08
CATERED MW	8434	4148	8030	8030
GUJ GEN MW	5586	3184	5580	5580
FLOW MW	2848	964	2450	2450
LOAD SHEDDING	1157	58	1760	1760
FREQ CORRECTION	198	15	259	259
DEMAND CUT	0	0	0	0
HOLIDAY STAGGERING	0	0	0	0
RECESS STAGGERING	0	0	0	40

(4) ENERGY EXCHANGE

(1)	NET EXPORT TO GUJARAT	FROM TARAPUR BUS	25860
(2)	NET EXPORT TO GUJARAT	FROM AMBHETI(PG) BUS	151440

(3)	A . . EXPORT FROM MAHARASHTRA TO GUJARAT AT NASIK BUS	1860
	B . . EXPORT FROM GUJARAT TO MAHARASHTRA AT NAVSARI BUS	48984
	C . . NET EXPORT FROM MAHARASHTRA TO GUJARAT	-47124
(4)	A . . EXPORT FROM M.P. TO GUJARAT AT INDORE BUS	307569
	B . . EXPORT FROM GUJARAT TO M.P. AT ASOJ BUS	13
	C . . NET EXPORT FROM M.P. TO GUJARAT	307556
(5)	NET EXPORT FROM KAWAS TO GUJARAT	236706
(6)	NET EXPORT FROM KAKARAPAR TO GUJARAT	85360
(7)	NET EXPORT FROM JHANOR TO GUJARAT	-21678
(8)	NET EXPORT FROM SSP TO ASOJ	320076
(9)	NET EXPORT FROM SSP TO KASOR	303910

(5) STATUS OF INTER-STATE LINES

LINES		PLAN	FORCE	OTHER	TTL HRS	TTL HRS
		OUTAGE	OUTAGE	REASON	OUTAGE	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	0.00	0.00	0.00	744.00
3	400 KV ASOJ-SSP	4.28	0.00	0.00	4.28	739.32
4	400 KV KASOR-SSP	0.00	0.00	0.00	0.00	744.00
5	220 KV NAVSARI-NASIK -1	0.00	0.00	0.00	0.00	744.00
6	220 KV NAVSARI-NASIK -2	0.00	0.00	0.00	0.00	744.00
7	220 KV TARAPUR-BHILAD	7.58	5.52	0.00	13.50	730.10
8	220 KV TARAPUR-VAPI	1.22	0.00	0.00	1.22	742.38
9	220 KV AMBHETI-BHILAD	0.00	0.00	0.00	0.00	744.00
10	220 KV AMBHETI(PG)-VAPI	0.00	0.00	0.00	0.00	744.00
11	NO OF HRS GUJARAT- MAHARASTRA IN PARALLEL					744.00
12	NO OF HRS GUJARAT- MADHYA PRADESH IN PARALLEL					744.00

(6) FRQUENCY PARTICULARS

A . AVERAGE FRQUENCY			49.69	HZ	
B . ABOVE 50.20 Hz			4.54	%	
C . BETWEEN 50.20 & 49.80 Hz			33.04	%	
D . BETWEEN 49.80 & 49.50 Hz			32.03	%	
E . BETWEEN 49.50 & 49.00 Hz			28.98	%	
F . BETWEEN 49.00 & 48.50 Hz			1.41	%	
G . BETWEEN 48.50 & 48.00 Hz			0.00	%	
H . BELOW 48.00 Hz			0.00	%	
K . AVERAGE MAX FRQUENCY	50.33	ON	8/7/2007	AT	3.00 Hrs
L . AVERAGE MIN FRQUENCY	49.00	ON	11/7/2007	AT	21.00 Hrs
M . INSTANT MAX FRQUENCY	50.68	ON	15/7/2007	AT	15.02 Hrs
N . INSTANT MIN FRQUENCY	48.71	ON	11/7/2007	AT	22.05 Hrs

6) NET ENERGY EXPORT TO DIU / DD /DNH

A . . NET EXPORT TO DIU			2711	MWH
B . . NET EXPORT TO DAMAN			123017	MWH
C . . NET EXPORT TO DNH			275018	MWH

(7) DAM DATA

E . . Ukai Dam Level on first day	324.27	on same day last	year	324.27
F . . Kadana Dam Level on first day	409.06	on same day last	year	414.00

400KV BUS VOLTAGE

ASOJ		INDORE		JETPUR		UKAI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
420	396	429	399	425	363	420	382

WANAKBORI		SOJA		CHORANIA		KANSARI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
425	403	417	398	419	369	424	378

220KV BUS VOLTAGE

Anjar		Mahesana		Chhatral		Dhansura		Ranasan		Viramgam	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
242	222	237	213	233	221	229	215	231	208	231	212

Limbdī		Dhangadhra		Gondal		Ranavav		Vartej		Timbdī	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
240	214	236	205	243	194	233	192	233	202	238	171

GUJARAT ENERGY TRANSMISSION CORPORATION LTD , STATE LOAD DESPATCH CENTRE , GOTRI													
ACCOUNTING OF LOSS OF GENERATION IN GUJARAT FOR JULY-2007													
	Installed	Maximum	Actual	Loss of generation due to								Total	
	capacity	possible	generation	Fuel supply	Low demand	Trans- mission	Comme rcial	Grid distur	Auxiliary problems	RSD	Other reasons	(generation & losses)	Remarks
Station	(MW)	monthly gen. at 100% PLF	during month	/ water shortage	/ high freq.	const.	reasons	bance					
THERMAL POWER STATIONS:-													
DHUVARAN	220	163.680	54.578	0.000	15.009	0.000	0.000	0.000	5.012	57.842	31.239	163.680	
UKAI	850	632.400	329.299	0.000	8.912	0.000	0.000	0.000	5.410	69.760	219.019	632.400	
GANDHINAGAR	870	647.280	407.177	0.000	58.391	0.000	0.000	0.000	91.489	0.000	90.223	647.280	
WANAKBORI	1470	1093.680	615.129	0.000	23.133	0.000	0.000	0.000	1.125	42.626	411.667	1093.680	*0.612 Mus excess gen. of # 7 deducted from "other reasons".
SIKKA	240	178.560	108.088	0.000	5.751	0.000	0.000	0.000	17.519	24.513	22.689	178.560	
PANANDHRO	215	159.960	120.571	4.607	17.668	0.000	0.000	0.000	2.790	0.000	14.324	159.960	
A.E.CO.	400	297.600	300.271	0.000	0.7713	0.000	0.000	0.000	2.4162	0.000	1.187	304.646	7.0458 Mus more.
SURAT LIGNITE	250	186.000	104.551	0.000	2.868	0.000	0.000	0.000	9.704	0.000	68.877	186.000	
TOTAL	4515	3359.160	2039.664	4.607	132.503	0.000	0.000	0.000	135.465	194.741	859.225	3366.206	
GAS STATION:-													
A.E.CO.	100	74.400	49.9988	24.401	0.000	0.000	0.000	0.000	0.000	0.000	0.000	74.400	
UTRAN	135	100.440	75.928	1.667	12.084	0.000	0.000	0.000	1.233	12.127	1.371	104.410	3.970 Mus more.
DHUVARAN	107	79.323	54.187	0.000	0.972	0.000	0.000	0.000	11.341	12.824	0.000	79.323	
TOTAL	342	254.163	180.114	26.068	13.056	0.000	0.000	0.000	12.574	24.951	1.371	258.133	

