

THE REQUISITE DETAIL FOR THE MONTH OF AUGUST -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	308	151424	938
2	KADANA(HYDRO)+PANAM	121	64652	97
3	DHUVARAN	220	75902	8262
4	DHUVARAN(GSEC)	169	79735	3870
5	UKAI(TH)	676	364361	31176
6	GANDHINAGAR	729	398979	44759
7	WANAKBORI	1241	632517	56277
8	SIKKA	218	60630	7012
9	PANANDHRO	216	112351	15059
10	UTRAN	141	68067	4018
11	AECO	511	347492	28779
12	GIPCL-I	147	102169	1609
13	GIPCL-II	159	85658	1877
14	SURAT LIGNITE	253	103430	13234
15	AKRIMOTA LIGNITE	236	65263	11244
16	GPEC	616	184750	4310
17	ESSAR POWER	515	251747	7502
18	GSEG	149	87332	1953
19	CPP	55	33583	
20	KAWAS		298147	
21	KAKARAPAR		82098	
22	JHANOR (NET FLOW)		-160509	
23	FROM AMBHETI		168705	
24	FROM TARAPUR		62329	
25	FROM NASHIK		-31406	
26	FROM INDORE		258837	
27	FROM SSP		610635	
28	TOTALWIND ENERGY		116436	
GRAND TOTAL			4675314	241975

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

	MAXIMUM CATERED	MINIMUM CATERED	MAXIMUM RESTRICTED	MAXIMUM UNRESTRICTED
MAXIMUM MW	8169	4733	9017	9017
TIME	12.00	4.00	12.00	12.00
DATE	27/8/07	10/8/2007	27/8/07	27/8/07
FREQ (Hz)	49.26	49.37	49.26	49.26
CATERED MW	8169	4733	8169	8169
GUJ GEN MW	5667	3504	5667	5667
FLOW MW	2502	1229	2502	2502
LOAD SHEDDING	636	218	636	636
FREQ CORRECTION	212	104	212	212
DEMAND CUT	0	0	0	0
HOLIDAY STAGGERING	0	0	0	0
RECESS STAGGERING	0	0	0	0

(4) ENERGY EXCHANGE

(1)	NET EXPORT TO GUJARAT	FROM TARAPUR BUS	62329
(2)	NET EXPORT TO GUJARAT	FROM AMBHETI(PG) BUS	168705
(3)	A.. EXPORT FROM MAHARASHTRA TO GUJARAT	AT NASIK BUS	4239.89
	B.. EXPORT FROM GUJARAT TO MAHARASHTRA	AT NAVSARI BUS	35646
	C.. NET EXPORT FROM MAHARASHTRA TO GUJARAT		-31406
(4)	A.. EXPORT FROM M.P. TO GUJARAT	AT INDORE BUS	259476
	B.. EXPORT FROM GUJARAT TO M.P.	AT ASOJ BUS	639
	C.. NET EXPORT FROM M.P. TO GUJARAT		258837
(5)	NET EXPORT FROM KAWAS	TO GUJARAT	298147
(6)	NET EXPORT FROM KAKARAPAR	TO GUJARAT	82098
(7)	NET EXPORT FROM JHANOR	TO GUJARAT	160509
(8)	NET EXPORT FROM SSP	TO ASOJ	289097
(9)	NET EXPORT FROM SSP	TO KASOR	321538

(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	2.15	0.00	2.15	741.45
3 400 KV ASOJ-SSP	0.00	0.42	0.00	0.42	743.18
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	0.00	0.00	0.00	0.00	744.00
8 220 KV TARAPUR-VAPI	294.55	3.40	0.00	298.35	445.25
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- MAHARA STRA	IN	PARALLEL			744.00
12 NO OF HRS GUJARAT- MADHYA PRADESH	IN	PARALLEL			744.00

(6) FRQUENCY PARTICULARS

A . AVERAGE FRQUENCY			49.61	HZ		
B . ABOVE 50.20 Hz			3.71	%		
C . BETWEEN 50.20 & 49.80 Hz			25.71	%		
D . BETWEEN 49.80 & 49.50 Hz			29.89	%		
E . BETWEEN 49.50 & 49.00 Hz			37.44	%		
F . BETWEEN 49.00 & 48.50 Hz			3.25	%		
G . BETWEEN 48.50 & 48.00 Hz			0	%		
H . BELOW 48.00 Hz			0	%		
K . AVERAGE MAX FRQUENCY	50.32	ON	2/8/2007	AT	3.00	HRS
L . AVERAGE MIN FRQUENCY	48.93	ON	11/8/2007	AT	19.00	HRS
M . INSTANT MAX FRQUENCY	50.91	ON	4/8/2007	AT	17.10	HRS
N . INSTANT MIN FRQUENCY	48.69	ON	11/8/2007	AT	19.40	HRS

6) NET ENERGY EXPORT TO DIU / DD /DNH

A . . NET EXPORT TO DIU			2804	MWH
B . . NET EXPORT TO DAMAN			126852	MWH
C . . NET EXPORT TO DNH			273167	MWH

(7) DAM DATA

E . . Ukai Dam Level on first day	334.89	on same day last	year	333.92
F . . Kadana Dam Level on first day	397.01	on same day last	year	413.03

400KV BUS VOLTAGE

ASOJ		INDORE		JETPUR		UKAI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
424	404	428	404	422	389	422	379

WANAKBORI		SOJA		CHORANIA		KANSARI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
426	406	420	401	423	397	419	385

220KV BUS VOLTAGE

Anjar		Mahesana		Chhatral		Dhansura		Ranasan		Viramgam	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
243	221	235	220	236	224	228	220	231	220	233	216

Limbdi		Dhangadhra		Gondal		Ranavav		Vartej		Timbdi	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
240	224	236	215	242	218	235	212	232	211	240	214

GUJARAT ENERGY TRANSMISSION CORPORATION LTD , STATE LOAD DESPATCH CENTRE , GOTRI													
ACCOUNTING OF LOSS OF GENERATION IN GUJARAT FOR AUGUST-2007													
	Installed	Maximum	Actual	Loss of generation due to								Total	
	capacity	possible	generation	Fuel	Low	Trans-	Comme	Grid	Auxiliary	RSD	Other	(generation	
Station		monthly	during	/ water	demand	mission	rcial	distur	problems		reasons	&	Remarks
	(MW)	at 100%	month	shortage	high	const.	reasons	bance				losses)	
		PLF			freq.								
THERMAL POWER STATIONS:-													
DHUVARAN	220	163.680	75.902	0.000	25.742	0.000	0.000	0.000	0.000	34.973	27.063	163.680	
UKAI	850	632.400	364.361	0.000	10.375	0.000	0.000	0.000	1.451	73.239	182.974	632.400	
GANDHINAGAR	870	647.280	398.979	0.000	92.510	0.000	0.000	0.000	119.389	0.000	36.402	647.280	
WANAKBORI	1470	1093.680	632.517	0.000	30.057	0.000	0.000	0.000	0.417	59.660	371.029	1093.680	*0.479 Mus excess gen. of # 7 deducted from "other reasons".
SIKKA	240	178.560	60.630	0.000	4.775	0.000	32.790	0.000	16.119	52.613	11.633	178.560	
PANANDHRO	215	159.960	112.351	8.588	4.707	0.000	0.000	0.000	4.523	0.000	29.791	159.960	
A.E.CO.	400	297.600	299.310	0.000	0.5660	0.000	0.000	0.000	1.7395	0.000	3.220	304.836	7.2355 Mus more.
SURAT LIGNITE	250	186.000	103.430	0.000	3.740	0.000	0.000	0.000	0.000	0.000	78.830	186.000	
TOTAL	4515	3359.160	2047.480	8.588	172.472	0.000	32.790	0.000	143.639	220.485	740.942	3366.396	
GAS STATION:-													
A.E.CO.	100	74.400	48.182	23.217	0.000	0.000	0.000	0.000	0.000	0.000	3.009	74.408	0.0077 Mus more.
UTRAN	135	100.440	68.067	0.000	15.448	0.000	0.000	0.000	2.206	15.810	2.804	104.335	3.895 Mus more.
DHUVARAN	107	79.323	62.328	0.000	2.368	0.000	0.000	0.000	12.465	2.162	0.000	79.323	
TOTAL	342	254.163	178.577	23.217	17.816	0.000	0.000	0.000	14.671	17.972	5.813	258.066	

