

THE REQUISITE DETAIL FOR THE MONTH OF MAY -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	228	78836	541
2	KADANA(HYDRO)+PANAM	60	5660	155
3	DHUVARAN	231	139823	15638
4	DHUVARAN(GSEC)	106	68515	3087
5	UKAI(TH)	681	485154	42592
6	GANDHINAGAR	720	468719	54329
7	WANAKBORI	1445	1002885	78584
8	SIKKA	222	152989	16511
9	PANANDHRO	218	124649	16243
10	UTRAN	135	41375	2465
11	AECO	506	347238	25003
12	GIPCL-I	152	101191	1856
13	GIPCL-II	160	99014	2046
14	SURAT LIGNITE	253	163720	18554
15	AKRIMOTA LIGNITE	190	103714	16371
16	GPEC	625	396230	7040
17	ESSAR POWER	515	334186	10092
18	GSEG	142	93798	2158
19	CPP	100	40877	
20	KAWAS		422300	
21	KAKARAPAR		176219	
22	JHANOR		252425	
23	FROM AMBHETI		142626	
24	FROM TARAPUR		46276	
25	FROM NASHIK*		-55947	
26	FROM INDORE		363112	
27	FROM SSP		216423	
TOTAL			5812007	313265

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

	MAXIMUM CATERED	MINIMUM CATERED	MAXIMUM RESTRICTED	MAXIMUM UNRESTRICTED
MAXIMUM MW	8759	6933	10729	10839
TIME	12.00	19.00	15.00	15.00
DATE	4/5/2007	13/5/2007	3/5/2007	3/5/2007
FREQ (Hz)	49.64	50.08	49.30	49.30
CATERED MW	8759	6933	8431	8431
GUJ GEN MW	6099	5231	6124	6124
FLOW MW	2660	1702	2307	2307
LOAD SHEDDING	1729	2273	2091	2091
FREQ CORRECTION	110	19	207	207
DEMAND CUT	0	0	0	0
HOLIDAY STAGGERING	110	110	0	110
RECESS STAGGERING	0	40	0	0

*The energy is considered of Nasik end.

(3) ENERGY EXCHANGE

(1)	NET EXPORT TO GUJARAT	FROM TARAPUR BUS	46276.32
(2)	NET EXPORT TO GUJARAT	FROM AMBHETI(PG) BUS	142626
(3)	A.. EXPORT FROM MAHARASHTRA TO GUJARAT AT NASIK BUS		79.998
	B.. EXPORT FROM GUJARAT TO MAHARASHTRA AT NAVSARI BUS		56027.37
	C.. NET EXPORT FROM MAHARASHTRA TO GUJARAT		-55947.4
(4)	A.. EXPORT FROM M.P. TO GUJARAT AT INDORE BUS		363141
	B.. EXPORT FROM GUJARAT TO M.P. AT ASOJ BUS		29
	C.. NET EXPORT FROM M.P. TO GUJARAT		363112
(5)	NET EXPORT FROM KAWAS TO GUJARAT		422300
(6)	NET EXPORT FROM KAKARAPAR TO GUJARAT		176219
(7)	NET EXPORT FROM JHANOR TO GUJARAT		252425
(8)	NET EXPORT FROM SSP TO ASOJ		50019
(9)	NET EXPORT FROM SSP TO KASOR		166404

(4) 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	744
2 400 KV ASOJ-INDORE -2	4.3	3.19	0	7.49	736.11
3 400 KV ASOJ-SSP	0	0	0	0	744
4 400 KV KASOR-SSP	0	0.3	0	0.3	743.3
5 220 KV NAVSARI-NASIK -1	0	41.5	0	41.5	702.1
6 220 KV NAVSARI-NASIK -2	0	0	0	0	744
7 220 KV TARAPUR-BHILAD	0	0	0	0	744
8 220 KV TARAPUR-VAPI	260.13	2.34	0	262.47	481.13
9 220 KV AMBHETI-BHILAD	0	0	0	0	744
10 220 KV AMBHETI(PG)-VAPI	0	2.15	0	2.15	741.45
11 NO OF HRS GUJARAT- MAHARASTRA IN PARALLEL					744
12 NO OF HRS GUJARAT- MADHYA PRADESH IN PARALLEL					744

(5) FRQUENCY PARTICULARS

A . AVERAGE FRQUENCY			49.62	HZ	
B . ABOVE 50.20 Hz			2.69	%	
C . BETWEEN 50.20 & 49.80 Hz			24.83	%	
D . BETWEEN 49.80 & 49.50 Hz			36.02	%	
E . BETWEEN 49.50 & 49.00 Hz			34.89	%	
F . BETWEEN 49.00 & 48.50 Hz			1.57	%	
G . BETWEEN 48.50 & 48.00 Hz			0	%	
H . BELOW 48.00 Hz			0	%	
K . AVERAGE MAX FRQUENCY	50.35	ON	9/5/2007	AT	6.00
L . AVERAGE MIN FRQUENCY	49.05	ON	30/5/2007	AT	22.00
M . INSTANT MAX FRQUENCY	50.61	ON	14/5/2007	AT	16.24
N . INSTANT MIN FRQUENCY	48.77	ON	30/5/2007	AT	20.11

(6) ENERGY LOSSES DUE TO LOAD SHEDDING	809428	MWH
A..NET EXPORT TO DIU	3259	MWH
B..NET EXPORT TO DAMAN	118539	MWH
C..NET EXPORT TO DNH	269230	MWH
D..FROM ESSAR TO GEB	180541	MWH

(7) DAM DATA

(A) Ukai Dam Level on first day	303.67	on last	year	303.33
(B) Kadana Dam Level on first day	405.11	on last	year	399.01

400KV BUS VOLTAGE

ASOJ		INDORE		JETPUR		UKAI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
414	394	426	386	413	376	418	390

WANAKBORI		SOJA		CHORANIA		KANSARI	
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
415	401	409	393	420	390	406	388

220KV BUS VOLTAGE

Anjar		Mahesana		Chhatral		Dhansura		Ranasan		Viramgam	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
234	225	227	214	230	217	224	215	225	213	225	210

Limbdī		Dhangadhra		Gondal		Ranavav		Vartej		Timbdī	
Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
236	221	230	212	235	213	227	210	225	209	224	205

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

ACCOUNTING OF LOSS OF GENERATION IN GUJARAT FOR MAY-2007

Station	Installed	Maximum	Actual generation during month	Loss of generation due to			Commerical reasons	Grid disturbance	Auxiliary problems	RSD	Other reasons	Total (generation & losses)	Remarks
	capacity (MW)	possible monthly gen. at 100% PLF		Fuel supply / water shortage	Low demand / high freq.	Transmission const.							
THERMAL POWER STATIONS:-													
DHUVARAN	283.5	210.924	139.823	0.000	13.341	0.000	0.000	0.000	6.468	0.000	51.292	210.924	
UKAI	850	632.400	485.154	0.000	0.000	0.000	0.000	0.000	2.277	0.000	144.969	632.400	
GANDHINAGAR	870	647.280	468.719	0.000	0.180	0.000	0.000	0.000	162.143	0.000	16.238	647.280	
WANAKBORI	1470	1093.680	1002.885	0.000	0.229	0.000	0.000	0.000	0.000	0.000	90.566	1093.680	*0.711Mus excess gen. of # 7 deducted from other reason.
SIKKA	240	178.560	152.989	0.000	0.396	0.000	0.000	0.000	23.547	0.000	1.628	178.560	
PANANDHRO	215	159.960	124.649	0.956	0.000	0.000	0.000	0.000	0.569	0.000	33.786	159.960	
A.E.CO.	400	297.600	296.205	0.000	0.0041	0.000	0.000	0.000	1.3383	0.000	7.9543	305.502	7.9020 Mus more
SURAT LIGNITE	250	186.000	163.720	0.000	0.000	0.000	0.000	0.000	0.526	0.000	21.754	186.000	
TOTAL	4579	3406.404	2834.144	0.956	14.150	0.000	0.000	0.000	196.868	0.000	368.187	3414.306	
GAS STATION:-													
A.E.CO.	100	74.400	51.033	22.815	0.000	0.000	0.000	0.000	0.006	0.000	0.553	74.407	0.0071 Mus more
UTRAN	135	100.440	41.375	0.000	0.341	0.000	0.000	0.000	0.000	0.000	62.673	104.389	
DHUVARAN	107	79.323	68.515	0.000	1.907	0.000	0.000	0.000	8.901	0.000	0.000	79.323	
TOTAL	342	254.163	160.923	22.815	2.248	0.000	0.000	0.000	8.907	0.000	63.226	258.119	

